



Cons. No.	Quantity	Subject	Unit price	Total
		<p><b>KSB waste water and sewage lifting unit mini-Compacta U1.060 D/E *)</b></p> <p>Plug-in single-pump unit, fully floodable, to EN 12050-1, comprising:</p> <p>D One collecting tank made of impact-resistant plastic with hand hole cover, gas-, water- and odour-proof with integrated check valve. Inlet nozzles arranged at symmetric angles.</p> <ul style="list-style-type: none"> <li>- Application range               <ul style="list-style-type: none"> <li>Flow rate up to 7.36 l/s (26.5 m<sup>3</sup>/h)</li> <li>Head up to 11.1 m</li> </ul> </li> <li>- Content 60 l</li> <li>- Dimensions 510 x 510 x 455 mm</li> <li>- Inlet connections               <ul style="list-style-type: none"> <li>Horizontal 2 x DN 100 incl. flexible hose connection DN 100 1 x horizontal DN 50</li> <li>Vertical: 1 x DN 50/100, graded</li> </ul> </li> <li>- Centreline of the horizontal inlet nozzle 180 mm</li> <li>- Discharge line connection DN 80, incl. stub flange, DN 80/100, rubber hose with fabric reinforcement, adapter hose for outside pipe diameter 108 - 114 mm</li> <li>- Vent connection DN 50, incl. flexible hose connection</li> <li>- Drain connection DN 40, incl. flexible hose connection (hand diaphragm pump)</li> </ul> <p>D One submersible motor pump with free-flow impeller made of Ultradur, 2 shaft seal rings with grease chamber, three-phase or AC motor *) with integrated overload protection device, IP 68 enclosure</p> <p>D Only C variant for aggressive fluids: wetted metal parts made of V4A *)</p> <p>D One analog float sensor for direct level detection</p>		

\*) Delete as applicable

Cons. No.	Quantity	Subject	Unit price	Total
		<p><b>D One LevelControl Basic 1</b> electronic control unit</p> <ul style="list-style-type: none"> <li>- Fully automatic and self-adjusting</li> <li>- Continuous analog level measurement</li> <li>- Dynamic adjustment of switching points</li> <li>- Automatic recognition and compensation of vertical fluctuations</li> <li>- Permanent self-diagnosis and sensor monitoring</li> <li>- Manual-0-automatic switch</li> <li>- Acknowledgement button</li> <li>- Indicator lamps for pump status</li> <li>- Indicator lamp for high water</li> <li>- Pump protection by thermal circuit breaker</li> <li>- Input for external fault message</li> <li>- General fault message or volt-free "system operational" message (NC, NO - selectable)</li> <li>- Integrated alarm buzzer with battery-backed mains-independent alarm</li> <li>- Straightforward parameterisation of inlet nozzle levels via DIL switch during commissioning.</li> <li>- Indicator lamp for rotary field (Germany only)</li> </ul>		
		<p>Flow rate .....m<sup>3</sup>/h.....l/s            Head .....m            Temp. (fluid handled) up to 40 °C,            for short periods up to 65 °C (5 minutes)            Motor rating U1.060 D *) P<sub>1</sub> 0.93 kW P<sub>2</sub> 0.75 kW *)            Motor rating U1.060 E *) P<sub>1</sub> 1.01 kW P<sub>2</sub> 0.75 kW *)            Speed 2800 rpm            Supply voltage 3/N/PE, 400 V, 50 Hz *)            1/N/PE 230 V 50 Hz *)            Starting method DOL            Make KSB            Size mini-Compacta U1.060 D / E *)            Material price group 015 (country-specific design for UK and FR: 038)            Electrical connection            - Mains connection 1 m with CEE 3/N/PE, 5-pole D *)            1 m shockproof plug type E E *)            - Motor connection 4 m            Weight approx. U1.060 D - 42 kg *)            U1.060 E - 41 kg *)</p>		

\*) Delete as applicable  
 D (three-phase current) = 3/N/PE 400 V 50 Hz, E (AC current) = 1/N/PE 230 V 50 Hz

Cons. No.	Quantity	Subject	Unit price	Total
		<p><b>KSB waste water and sewage lifting unit mini-Compacta U1.100 D/E *)</b></p> <p>Plug-in single-pump unit, fully floodable, to EN 12050-1, comprising:</p> <p>D One collecting tank made of impact-resistant plastic with hand hole cover, gas-, water- and odour-proof with integrated check valve. Inlet nozzles arranged at symmetric angles .</p> <ul style="list-style-type: none"> <li>- Application range <ul style="list-style-type: none"> <li>Flow rate up to 7.36 l/s (26.5 m<sup>3</sup>/h)</li> <li>Head up to 11.1 m</li> </ul> </li> <li>- Volume 100 l</li> <li>- Dimensions l x w x h 760 x 705 x 545 mm</li> <li>- Inlet connections <ul style="list-style-type: none"> <li>Horizontal: 3 x DN 150/100 graded, incl. flexible hose connection DN 100</li> <li>Vertical: 1 x DN 150/100, graded</li> </ul> </li> <li>- Centreline of the horizontal inlet nozzle either 180 or 250 mm</li> <li>- Discharge line connection DN 80, incl. stub flange, DN 80/100, rubber hose with fabric reinforcement, adapter hose for outside pipe diameter 108 - 114 mm</li> <li>- Vent connection DN 70, incl. flexible hose connection</li> <li>- Drain connection DN 40, incl. flexible hose connection (hand diaphragm pump)</li> </ul> <p>D One submersible motor pump with free-flow impeller made of Ultradur, 2 shaft seal rings with grease chamber, three-phase or AC motor *) with integrated overload protection device, IP 68 enclosure</p> <p>D Only C variant for aggressive fluids: wetted metal parts made of V4A *)</p> <p>D One analog sensor for direct level detection</p>		

\*) Delete as applicable

Cons. No.	Quantity	Subject	Unit price	Total
		<p><b>D One LevelControl Basic 1</b> electronic control unit</p> <ul style="list-style-type: none"> <li>- Fully automatic and self-adjusting</li> <li>- Continuous analog level measurement</li> <li>- Dynamic adjustment of switching points</li> <li>- Automatic recognition and compensation of vertical fluctuations</li> <li>- Permanent self-diagnosis and sensor monitoring</li> <li>- Manual-0-automatic switch</li> <li>- Acknowledgement button</li> <li>- Indicator lamps for pump status</li> <li>- Indicator lamp for high water</li> <li>- Pump protection by thermal circuit breaker</li> <li>- Input for external fault message</li> <li>- General fault message or volt-free "system operational" message (NC, NO - selectable)</li> <li>- Integrated alarm buzzer with battery-backed mains-independent alarm</li> <li>- Straightforward parameterisation of inlet nozzle levels via DIL switch during commissioning.</li> <li>- Indicator lamp for rotary field (Germany only)</li> </ul> <p>Flow rate .....m<sup>3</sup>/h.....l/s  Head .....m  Temperature (fluid handled) up to 40 °C, for short periods up to 65 °C (5 minutes)  Motor rating U1.100 D *) P<sub>1</sub> 0.93 kW P<sub>2</sub> 0.75 kW *)  Motor rating U1.100 E *) P<sub>1</sub> 1.01 kW P<sub>2</sub> 0.75 kW *)  Speed 2800 rpm  Supply voltage 3/N/PE, 400 V, 50 Hz *)  1/N/PE 230 V 50 Hz *)  Starting method DOL  Make KSB  Size mini-Compacta U1.100 D/E *)  Material price group 015 (country-specific design for UK and FR: 038)  Electrical connection  - Mains connection 1 m with CEE 3/N/PE, 5-pole D *)  1 m with shockproof plug type E E *)  - Motor connection 4 m  Weight U1.100 D - 48 kg *)  U1.100 E - 49 kg *)</p>		

\*) Delete as applicable  
D (three-phase current) = 3/N/PE 400 V 50 Hz, E (AC current) = 1/N/PE 230 V 50 Hz



Cons. No.	Quantity	Subject	Unit price	Total
		<p><b>KSB waste water and sewage lifting unit mini-Compacta U2.100 D/E *)</b></p> <p>Plug-in single-pump unit, fully floodable, to EN 12050-1, comprising:</p> <p>D One collecting tank made of impact-resistant plastic with hand hole cover, gas-, water- and odour-proof with integrated check valve. Inlet nozzles arranged at symmetric angles.</p> <ul style="list-style-type: none"> <li>- Application range           <ul style="list-style-type: none"> <li>Flow rate up to 10 l/s (36 m<sup>3</sup>/h)</li> <li>Head up to 16 m</li> </ul> </li> <li>- Volume 100 l</li> <li>- Dimensions l x w x h 760 x 705 x 545 mm</li> <li>- Inlet connections           <ul style="list-style-type: none"> <li>Horizontal: 3 x DN 150/100 graded, incl. flexible hose connection DN 100</li> <li>Vertical: 1 x DN 150/100, graded</li> </ul> </li> <li>- Centreline of the horizontal inlet nozzle either 180 or 250 mm</li> <li>- Discharge line connection DN 80, incl. stub flange, DN 80/100, rubber hose with fabric reinforcement, adapter hose for outside pipe diameter 108 - 114 mm</li> <li>- Vent connection DN 70, incl. flexible hose connection</li> <li>- Drain connection DN 40, incl. flexible hose connection (hand diaphragm pump)</li> </ul> <p>D One submersible motor pump with free-flow impeller made of Ultradur, 2 shaft seal rings with grease chamber, three-phase or AC motor *) with integrated overload protection device, IP 68 enclosure</p> <p>D Only C variant for aggressive fluids: wetted metal parts made of V4A *)</p> <p>D One analog sensor for direct level detection</p>		

\*) Delete as applicable





Cons. No.	Quantity	Subject	Unit price	Total
		<p><b>KSB waste water and sewage lifting unit mini-Compacta UZ1.150 D/E *)</b></p> <p>Plug-in dual-pump unit, fully floodable, to EN 12050-1, comprising:</p> <p>D One collecting tank made of impact-resistant plastic with hand hole cover, gas-, water- and odour-proof with 2 integrated check valves</p> <ul style="list-style-type: none"> <li>- Application range               <ul style="list-style-type: none"> <li>Flow rate up to 7.36 l/s (26.5 m<sup>3</sup>/h)</li> <li>Head up to 11.1 m</li> </ul> </li> <li>- Volume 150 l</li> <li>- Dimensions l x w x h 1155 x 800 x 600 mm</li> <li>- Inlet connections               <ul style="list-style-type: none"> <li>Horizontal: 2 x DN 150/100 graded, vertical: 1 x DN 100/50, graded incl. flexible hose connection DN 100</li> <li>Vertical: 1 x DN 150/100, graded</li> </ul> </li> <li>- Centreline of the horizontal inlet nozzle either 180 or 250 mm</li> <li>- Discharge line connection DN 80, incl. Y-pipe, stub flange DN 80/100, fabric reinforced rubber hose, adapter hose for outside pipe diameter 108 - 114 mm</li> <li>- Vent connection DN 70, incl. flexible hose connection</li> <li>- Drain connection DN 40, incl. flexible hose connection (hand diaphragm pump)</li> </ul> <p>D 2 submersible motor pumps with free-flow impeller made of Ultradur, 2 shaft seal rings with grease chamber, three-phase or AC motor *) with integrated overload protection device, IP 68 enclosure</p> <p>D Only C variant for aggressive fluids: wetted metal parts made of V4A *)</p> <p>D One analog sensor for direct level detection</p>		

\*) Delete as applicable

Cons. No.	Quantity	Subject	Unit price	Total
		<p><b>D One KSB LevelControl Basic 2 control unit</b></p> <ul style="list-style-type: none"> <li>- Self-adjusting, fully automatic control unit</li> <li>- Ready to be plugged in, with 1 m power cable</li> <li>- Numerical display with status indication (traffic light) and navigation keys</li> <li>- Indication of fill level</li> <li>- Indication of operating data</li> <li>- Analog level detection with sensor monitoring</li> <li>- Dynamic adjustment of switching points</li> <li>- Manual-0-automatic selector switch</li> <li>- Indicator lamps for operation, fault and high water</li> <li>- Pump protection by thermal circuit breaker</li> <li>- Integrated alarm buzzer</li> <li>- Battery-backed mains-independent alarm</li> <li>- Two inputs for external fault signalling and remote acknowledgement</li> <li>- General fault message or volt-free "system operational" message</li> <li>- Equal distribution of pump operating hours ensured by automatic Pump changeover</li> <li>- Parameterisable service intervals</li> <li>- Diagnostic and message functions</li> <li>- Very straightforward system configuration thanks to factory parameterisation and parameterisation assistant</li> <li>- Numerous additional functions (e.g. monitoring of supply voltage, intelligent system monitoring and many more)</li> </ul> <p>Flow rate .....m<sup>3</sup>/h.....l/s  Head .....m  Temperature (fluid handled) up to 40 °C,  for short periods up to 65 °C (5 minutes)  Motor rating UZ1.150 D *) P<sub>1</sub> 0.93 kW P<sub>2</sub> 0.75 kW *)  Motor rating UZ1.150 E *) P<sub>1</sub> 1.01 kW P<sub>2</sub> 0.75 kW *)  Speed 2800 rpm  Supply voltage 3/N/PE, 400 V, 50 Hz *)  1/N/PE 230 V 50 Hz *)  Starting method DOL  Make KSB  Size mini-Compacta UZ1.150 D/E *)  Material price group 015 (country-specific design for UK and FR: 038)</p> <p>Electrical connection  - Mains connection 1 m with CEE 3/N/PE, 5-pole D *)  1 m with shockproof plug type E E *)  - Motor connection 4 m  Weight UZ1.150 D - 100 kg *)  UZ1.150 E - 111 kg *)</p>		

\*) Delete as applicable  
D (three-phase current) = 3/N/PE 400 V 50 Hz, E (AC current) = 1/N/PE 230 V 50 Hz

Cons. No.	Quantity	Subject	Unit price	Total
		<p><b>KSB waste water and sewage lifting unit mini-Compacta UZ2.150 D/E *)</b></p> <p>Plug-in dual-pump unit, fully floodable, to EN 12050-1, comprising:</p> <p>D One collecting tank made of impact-resistant plastic with hand hole cover, gas-, water- and odour-proof with 2 integrated check valves</p> <ul style="list-style-type: none"> <li>- Application range <ul style="list-style-type: none"> <li>Flow rate up to 10 l/s (36 m<sup>3</sup>/h)</li> <li>Head up to 16 m</li> </ul> </li> <li>- Volume 150 l</li> <li>- Dimensions l x w x h 1155 x 800 x 600 mm</li> <li>- Inlet connections <ul style="list-style-type: none"> <li>Horizontal: 2 x DN 150/100 graded, 1 x DN 100/50, graded incl. flexible hose connection DN 100</li> <li>Vertical: 1 x DN 150/100, graded</li> </ul> </li> <li>- Centreline of the horizontal inlet nozzle either 180 or 250 mm</li> <li>- Discharge line connection DN 80, incl. Y-pipe, Stub flange DN 80/100 Rubber hose with fabric reinforcement, adapter hose for outside pipe diameter 108 - 114 mm</li> <li>- Vent connection DN 70, incl. flexible hose connection</li> <li>- Drain connection DN 40, incl. flexible hose connection (hand diaphragm pump)</li> </ul> <p>D 2 submersible motor pumps with free-flow impeller made of Ultradur, 2 shaft seal rings with grease chamber, three-phase or AC motor *) with integrated overload protection device, IP 68 enclosure</p> <p>D Only C variant for aggressive fluids: wetted metal parts made of V4A *)</p> <p>D One analog float sensor for direct level detection</p>		

\*) Delete as applicable



Cons. No.	Quantity	Subject	Unit price	Total
		<p><b>KSB waste water and sewage lifting unit mini-Compacta US1.040 D/E *)</b></p> <p>Plug-in single-pump unit, fully floodable, to EN 12050-1 for free-standing installation in a machinery room or concealed in a suitable pre-wall system.</p> <p>D One collecting tank made of impact-resistant plastic with hand hole cover, gas-, water- and odour-proof</p> <ul style="list-style-type: none"> <li>- Application range <ul style="list-style-type: none"> <li>Flow rate up to 3.94 l/s (14.2 m<sup>3</sup>/h)</li> <li>Head up to 18 m</li> </ul> </li> <li>- Volume 40 l</li> <li>- Dimensions l x w x h 320 x 650 x 405 mm</li> <li>- Inlet connections <ul style="list-style-type: none"> <li>Horizontal 2 x DN 100, arranged on the sides opposite to each other (centreline of the inlet nozzle: 180 mm) incl. flexible hose connection DN 100 1 x DN 50 (centreline of the inlet nozzle: 100 mm)</li> <li>Vertical: 1 x DN 50/100, graded</li> </ul> </li> <li>- Centreline of the horizontal inlet nozzle 180 mm</li> <li>- Discharge line connection DN 32 (G1 ¼")</li> <li>- Vent connection DN 50, incl. flexible hose connection</li> <li>- Drain connection DN 40, incl. flexible hose connection (hand diaphragm pump)</li> </ul> <p>D One submersible motor pump with open multi-vane impeller made of PBT-GF, 2 shaft seal rings with grease chamber, three-phase or AC motor *) with integrated overload protection device, IP 68 enclosure</p> <p>D One analog float sensor for direct level detection</p>		

\*) Delete as applicable

Cons. No.	Quantity	Subject	Unit price	Total
		<p><b>D One LevelControl Basic 1</b> electronic control unit</p> <ul style="list-style-type: none"> <li>- Fully automatic and self-adjusting</li> <li>- Continuous analog level measurement</li> <li>- Dynamic adjustment of switching points</li> <li>- Automatic recognition and compensation of vertical fluctuations</li> <li>- Permanent self-diagnosis and sensor monitoring</li> <li>- Manual-0-automatic switch</li> <li>- Acknowledgement button</li> <li>- Indicator lamps for pump status</li> <li>- Indicator lamp for high water</li> <li>- Pump protection by thermal circuit breaker</li> <li>- Input for external fault message</li> <li>- General fault message or volt-free "system operational" message (NC, NO - selectable)</li> <li>- Integrated alarm buzzer with battery-backed mains-independent alarm</li> <li>- Straightforward parameterisation of inlet nozzle levels via DIL switch during commissioning.</li> <li>- Indicator lamp for rotary field (Germany only)</li> </ul> <p>Flow rate .....m<sup>3</sup>/h.....l/s  Head .....m  Temperature (fluid handled) up to 40 °C, for short periods up to 65 °C (5 minutes)  Motor rating US1.040 D *) P<sub>1</sub> 1.75 kW P<sub>2</sub> 1.5 kW *)  Motor rating US1.040 E *) P<sub>1</sub> 2.3 kW P<sub>2</sub> 1.65 kW *)  Speed 2800 rpm  Supply voltage 3/N/PE, 400 V, 50 Hz *)  1/N/PE 230 V 50 Hz *)  Starting method DOL  Make KSB  Size mini-Compacta US1.040 D/E *)  Material price group 015 (country-specific design for UK and FR: 038)</p> <p>Electrical connection  - Mains connection 1 m with CEE 3/N/PE, 5-pole D*)  1 m with shockproof plug type E E *)  - Motor connection 4 m  Weight US1.040 D - 37 kg *)  US1.040 E - 37 kg *)</p>		

\*) Delete as applicable  
D (three-phase current) = 3/N/PE 400 V 50 Hz, E (AC current) = 1/N/PE 230 V 50 Hz



Cons. No.	Quantity	Subject	Unit price	Total
		<p><b>KSB waste water and sewage lifting unit mini-Compacta US1.100 D/E *)</b></p> <p>Plug-in single-pump unit, fully floodable, to EN 12050-1, comprising:</p> <p>D One collecting tank made of impact-resistant plastic with hand hole cover, gas-, water- and odour-proof</p> <ul style="list-style-type: none"> <li>- Application range               <ul style="list-style-type: none"> <li>Flow rate up to 3.94 l/s (14.2 m<sup>3</sup>/h)</li> <li>Head up to 18 m</li> </ul> </li> <li>- Volume 100 l</li> <li>- Dimensions l x w x h 760 x 705 x 545 mm</li> <li>- Inlet connections               <ul style="list-style-type: none"> <li>Horizontal: 3 x DN 150/100 graded, incl. flexible hose connection DN 100</li> <li>Vertical: 1 x DN 150/100, graded</li> </ul> </li> <li>- Centreline of the horizontal inlet nozzle either 180 or 250 mm</li> <li>- Discharge line connection DN 50 (DN 32)</li> <li>- Vent connection DN 70, incl. flexible hose connection</li> <li>- Drain connection DN 40, incl. flexible hose connection (hand diaphragm pump)</li> </ul> <p>D One submersible motor pump with open multi-vane impeller made of GG, with cutter made of Norihard, bi-directional mechanical seal SiC/SiC, shaft seal ring with oil reservoir, three-phase or AC motor *) with integrated overload protection device, IP 68 enclosure</p> <p>D One analog float sensor for direct level detection</p>		

\*) Delete as applicable

Cons. No.	Quantity	Subject	Unit price	Total
		<p><b>D One LevelControl Basic 1</b> electronic control unit (three-phase version)</p> <ul style="list-style-type: none"> <li>- Fully automatic and self-adjusting</li> <li>- Continuous analog level measurement</li> <li>- Dynamic adjustment of switching points</li> <li>- Automatic recognition and compensation of vertical fluctuations</li> <li>- Permanent self-diagnosis and sensor monitoring</li> <li>- Manual-0-automatic switch</li> <li>- Acknowledgement button</li> <li>- Indicator lamps for pump status</li> <li>- Indicator lamp for high water</li> <li>- Pump protection by thermal circuit breaker</li> <li>- Input for external fault message</li> <li>- General fault message or volt-free "system operational" message (NC, NO - selectable)</li> <li>- Integrated alarm buzzer with battery-backed mains-independent alarm</li> <li>- Straightforward parameterisation of inlet nozzle levels via DIL switch during commissioning.</li> <li>- Indicator lamp for rotary field (Germany only)</li> </ul> <p><b>D One KSB LevelControl Basic 2</b> control unit (AC version)</p> <ul style="list-style-type: none"> <li>- Self-adjusting, fully automatic control unit</li> <li>- Ready to be plugged in, with 1 m power cable</li> <li>- Numerical display with status indication (traffic light) and navigation keys</li> <li>- Indication of fill level</li> <li>- Indication of operating data</li> <li>- Analog level detection with sensor monitoring</li> <li>- Dynamic adjustment of switching points</li> <li>- Manual-0-automatic selector switch</li> <li>- Indicator lamps for operation, fault and high water</li> <li>- Pump protection by thermal circuit breaker</li> <li>- Integrated alarm buzzer</li> <li>- Battery-backed mains-independent alarm</li> <li>- Two inputs for external fault signalling and remote acknowledgement</li> <li>- General fault message or volt-free "system operational" message</li> <li>- Equal distribution of pump operating hours ensured by automatic Pump changeover</li> <li>- Parameterisable service intervals</li> <li>- Diagnostic and message functions</li> <li>- Very straightforward system configuration thanks to factory parameterisation and parameterisation assistant</li> <li>- Numerous additional functions (e.g. monitoring of supply voltage, intelligent system monitoring and many more)</li> </ul>		

\*) Delete as applicable  
 D (three-phase current) = 3/N/PE 400 V 50 Hz, E (AC current) = 1/N/PE 230 V 50 Hz



Cons. No.	Quantity	Subject	Unit price	Total
		<p><b>KSB waste water and sewage lifting unit mini-Compacta US2.100 D/E *)</b></p> <p>Plug-in single-pump unit, fully floodable, to EN 12050-1, comprising:</p> <p>D One collecting tank made of impact-resistant plastic with hand hole cover, gas-, water- and odour-proof</p> <ul style="list-style-type: none"> <li>- Application range <ul style="list-style-type: none"> <li>Flow rate                    up to 4.08 l/s (14.7 m<sup>3</sup>/h)</li> <li>Head                            up to 25 m</li> </ul> </li> <li>- Volume                            100 l</li> <li>- Dimensions l x w x h    760 x 705 x 545 mm</li> <li>- Inlet connections <ul style="list-style-type: none"> <li>Horizontal:                    3 x DN 150/100 graded, incl. flexible hose connection DN 100</li> <li>Vertical:                        1 x DN 150/100, graded</li> </ul> </li> <li>- Centreline of the horizontal inlet nozzle    either 180 or 250 mm</li> <li>- Discharge line connection    DN 50 (DN 32)</li> <li>- Vent connection                DN 70, incl. flexible hose connection</li> <li>- Drain connection                DN 40, incl. flexible hose connection (hand diaphragm pump)</li> </ul> <p>D One submersible motor pump with open multi-vane impeller made of GG, with cutter made of Norihard, bi-directional mechanical seal SiC/SiC, shaft seal ring with oil reservoir, three-phase or AC motor *) with integrated overload protection device, IP 68 enclosure</p> <p>D One analog float sensor for direct level detection</p>		

\*) Delete as applicable

Cons. No.	Quantity	Subject	Unit price	Total
		<p>D One <b>LevelControl Basic 1</b> electronic control unit (three-phase version)</p> <ul style="list-style-type: none"> <li>- Fully automatic and self-adjusting</li> <li>- Continuous analog level measurement</li> <li>- Dynamic adjustment of switching points</li> <li>- Automatic recognition and compensation of vertical fluctuations</li> <li>- Permanent self-diagnosis and sensor monitoring</li> <li>- Manual-0-automatic switch</li> <li>- Acknowledgement button</li> <li>- Indicator lamps for pump status</li> <li>- Indicator lamp for high water</li> <li>- Pump protection by thermal circuit breaker</li> <li>- Input for external fault message</li> <li>- General fault message or volt-free "system operational" message (NC, NO - selectable)</li> <li>- Integrated alarm buzzer with battery-backed mains-independent alarm</li> <li>- Straightforward parameterisation of inlet nozzle levels via DIL switch during commissioning.</li> <li>- Indicator lamp for rotary field (Germany only)</li> </ul> <p>D One KSB <b>LevelControl Basic 2</b> control unit (AC version)</p> <ul style="list-style-type: none"> <li>- Self-adjusting, fully automatic control unit</li> <li>- Ready to be plugged in, with 1 m power cable</li> <li>- Numerical display with status indication (traffic light) and navigation keys</li> <li>- Indication of fill level</li> <li>- Indication of operating data</li> <li>- Analog level detection with sensor monitoring</li> <li>- Dynamic adjustment of switching points</li> <li>- Manual-0-automatic selector switch</li> <li>- Indicator lamps for operation, fault and high water</li> <li>- Pump protection by thermal circuit breaker</li> <li>- Integrated alarm buzzer</li> <li>- Battery-backed mains-independent alarm</li> <li>- Two inputs for external fault signalling and remote acknowledgement</li> <li>- General fault message or volt-free "system operational" message</li> <li>- Equal distribution of pump operating hours ensured by automatic Pump changeover</li> <li>- Parameterisable service intervals</li> <li>- Diagnostic and message functions</li> <li>- Very straightforward system configuration thanks to factory parameterisation and parameterisation assistant</li> <li>- Numerous additional functions (e.g. monitoring of supply voltage, intelligent system monitoring and many more)</li> </ul>		

\*) Delete as applicable  
D (three-phase current) = 3/N/PE 400 V 50 Hz, E (AC current) = 1/N/PE 230 V 50 Hz



Cons. No.	Quantity	Subject	Unit price	Total
		<p><b>KSB waste water and sewage lifting unit mini-Compacta UZS1.150 D/E *)</b></p> <p>Plug-in dual-pump unit, fully floodable, to EN 12050-1, comprising:</p> <p>D One collecting tank made of impact-resistant plastic with hand hole cover, gas-, water- and odour-proof</p> <ul style="list-style-type: none"> <li>- Application range <ul style="list-style-type: none"> <li>Flow rate up to 3.94 l/s (14.2 m<sup>3</sup>/h)</li> <li>Head up to 18 m</li> </ul> </li> <li>- Volume 150 l</li> <li>- Dimensions l x w x h 1155 x 800 x 540 mm</li> <li>- Inlet connections <ul style="list-style-type: none"> <li>Horizontal 1 x DN 150/100, graded and 1 x DN 100/50, graded incl. flexible hose connection DN 100</li> <li>Vertical: 1 x DN 150/100, graded</li> </ul> </li> <li>- Centreline of the horizontal inlet nozzle 250 mm</li> <li>- Discharge line connection 2 x DN 50 (DN 32)</li> <li>- Vent connection DN 70, incl. flexible hose connection</li> <li>- Drain connection DN 40, incl. flexible hose connection (hand diaphragm pump)</li> </ul> <p>D 2 submersible motor pumps with open multi-vane impeller made of GG, with cutter made of Norihard, bi-directional mechanical seal SiC/SiC, shaft seal ring with oil reservoir, three-phase or AC motor *) with integrated overload protection device, IP 68 enclosure</p> <p>D One analog float sensor for direct level detection</p>		

\*) Delete as applicable

Cons. No.	Quantity	Subject	Unit price	Total
		<p><b>D One KSB LevelControl Basic 2 control unit</b></p> <ul style="list-style-type: none"> <li>- Self-adjusting, fully automatic control unit</li> <li>- Ready to be plugged in, with 1 m power cable</li> <li>- Numerical display with status indication (traffic light) and navigation keys</li> <li>- Indication of fill level</li> <li>- Indication of operating data</li> <li>- Analog level detection with sensor monitoring</li> <li>- Dynamic adjustment of switching points</li> <li>- Manual-0-automatic selector switch</li> <li>- Indicator lamps for operation, fault and high water</li> <li>- Pump protection by thermal circuit breaker</li> <li>- Integrated alarm buzzer</li> <li>- Battery-backed mains-independent alarm</li> <li>- Two inputs for external fault signalling and remote acknowledgement</li> <li>- General fault message or volt-free "system operational" message</li> <li>- Equal distribution of pump operating hours ensured by automatic Pump changeover</li> <li>- Parameterisable service intervals</li> <li>- Diagnostic and message functions</li> <li>- Very straightforward system configuration thanks to factory parameterisation and parameterisation assistant</li> <li>- Numerous additional functions (e.g. monitoring of supply voltage, intelligent system monitoring and many more)</li> </ul> <p>Flow rate .....m<sup>3</sup>/h.....l/s  Head .....m  Temperature (fluid handled) up to 40 °C, for short periods up to 65 °C (5 minutes)  Motor rating UZS1.150 D *) P<sub>1</sub> 1.75 kW P<sub>2</sub> 1.5 kW *)  Motor rating UZS1.150 E *) P<sub>1</sub> 2.0 kW P<sub>2</sub> 1.5 kW *)  Speed 2800 rpm  Supply voltage 3/N/PE, 400 V, 50 Hz *)  1/N/PE 230 V 50 Hz *)  Starting method DOL  Make KSB  Size mini-Compacta UZS1.150 D/E *)  Material price group 038  Electrical connection  - Mains connection 1 m with CEE 3/N/PE, 5-pole D *)  1 m with shockproof plug type E E *)  - Motor connection 4 m  Weight UZS1.150 D - 116 kg *)  UZS1.150 E - 127 kg *)</p>		

\*) Delete as applicable  
D (three-phase current) = 3/N/PE 400 V 50 Hz, E (AC current) = 1/N/PE 230 V 50 Hz

Cons. No.	Quantity	Subject	Unit price	Total
		<p><b>KSB waste water and sewage lifting unit mini-Compacta UZS2.150 D/E *)</b></p> <p>Plug-in dual-pump unit, fully floodable, to EN 12050-1, comprising:</p> <p>D One collecting tank made of impact-resistant plastic with hand hole cover, gas-, water- and odour-proof</p> <ul style="list-style-type: none"> <li>- Application range <ul style="list-style-type: none"> <li>Flow rate up to 4.08 l/s (14.7 m<sup>3</sup>/h)</li> <li>Head up to 25 m</li> </ul> </li> <li>- Volume 150 l</li> <li>- Dimensions l x w x h 1155 x 800 x 540 mm</li> <li>- Inlet connections <ul style="list-style-type: none"> <li>Horizontal 1 x DN 150/100, graded and 1 x DN 100/50, graded incl. flexible hose connection DN 100</li> <li>Vertical: 1 x DN 150/100, graded</li> </ul> </li> <li>- Centreline of the horizontal inlet nozzle 250 mm</li> <li>- Discharge line connection 2 x DN 50 /DN 32</li> <li>- Vent connection DN 70, incl. flexible hose connection</li> <li>- Drain connection DN 40, incl. flexible hose connection (hand diaphragm pump)</li> </ul> <p>D 2 submersible motor pumps with open multi-vane impeller made of GG, with cutter made of Norihard, bi-directional mechanical seal SiC/SiC, shaft seal ring with oil reservoir, three-phase or AC motor *) with integrated overload protection device, IP 68 enclosure</p> <p>D One analog float sensor for direct level detection</p>		

\*) Delete as applicable

Cons. No.	Quantity	Subject	Unit price	Total
		<p><b>D</b> One KSB <b>LevelControl Basic 2</b> control unit</p> <ul style="list-style-type: none"> <li>- Self-adjusting, fully automatic control unit</li> <li>- Ready to be plugged in, with 1 m power cable</li> <li>- Numerical display with status indication (traffic light) and navigation keys</li> <li>- Indication of fill level</li> <li>- Indication of operating data</li> <li>- Analog level detection with sensor monitoring</li> <li>- Dynamic adjustment of switching points</li> <li>- Manual-0-automatic selector switch</li> <li>- Indicator lamps for operation, fault and high water</li> <li>- Pump protection by thermal circuit breaker</li> <li>- Integrated alarm buzzer</li> <li>- Battery-backed mains-independent alarm</li> <li>- Two inputs for external fault signalling and remote acknowledgement</li> <li>- General fault message or volt-free "system operational" message</li> <li>- Equal distribution of pump operating hours ensured by automatic Pump changeover</li> <li>- Parameterisable service intervals</li> <li>- Diagnostic and message functions</li> <li>- Very straightforward system configuration thanks to factory parameterisation and parameterisation assistant</li> <li>- Numerous additional functions (e.g. monitoring of supply voltage, intelligent system monitoring and many more)</li> </ul> <p>Flow rate .....m<sup>3</sup>/h.....l/s  Head .....m  Temperature (fluid handled) up to 40 °C,  for short periods up to 65 °C (5 minutes)  Motor rating UZS2.150 D *) P<sub>1</sub> 1.75 kW P<sub>2</sub> 1.5 kW *)  Motor rating UZS2.150 E *) P<sub>1</sub> 2.0 kW P<sub>2</sub> 1.5 kW *)  Speed 2800 rpm  Supply voltage 3/N/PE, 400 V, 50 Hz *)  1/N/PE 230 V 50 Hz *)  Starting method DOL  Make KSB  Size mini-Compacta UZS2.150 D/E *)  Material price group 038  Electrical connection  - Mains connection 1 m with CEE 3/N/PE, 5-pole D *)  1 m with shockproof plug type E E *)  - Motor connection 4 m  Weight UZS2.150 D - 117 kg *)  UZS2.150 E - 128 kg *)</p>		

Subject to technical modification without prior

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\*) Delete as applicable  
D (three-phase current) = 3/N/PE 400 V 50 Hz, E (AC current) = 1/N/PE 230 V 50 Hz