01 Specs 01Titel	WECS II 2048/DMX/02	26.04.17 KF VS.01	Project No.
Item / No.	Description/ Quantity/ Unit	Unit price	Total price
01.1 Position	**Description:** **Standalone DMX-RDM* compatible fountain show controller** for installation and operation in a switch plant cabinet in an air conditioned environment		

Technical data:
Hardware:

Dimensions (LxWxH):	482 x 360 x 130 [mm]
Weight:	12 kg
Housing material:	Aluminum
Housing color:	white/blue
Installation methods:	DIN 19" rack
Protection class:	IP20
Nominal voltage:	100-240V AC
Power consumption:	500 W
Operation temperature:	0-40 [°C]
Operation humidity:	0-80 [%] (no condensation)
Certification:	CE
Visualization:	4 x 40 Segment LED-Display
User interface:	5 buttons

Connections:

Connection of voltage supply:	1
Connection type:	appliance coupler
RDM/DMX-Universes output:	4
Number of DMX-RDM channels:	2048
Connection type RDM/DMX:	Neutrix XLR 5-Pin (Female)
RDM/DMX-Universes input:	1
Number of DMX-RDM channels:	512
Connection type RDM/DMX:	Neutrix XLR 5-Pin (male)
Stand alone:	Yes
Number of digital inputs:	0
Number of digital outputs:	0
Audio output:	2 x symmetrical output
Connection type audio output:	Neutrix XLR 3-Pin (male)
Ethernet 10/100 mbit:	Yes
Connection type Ethernet:	RJ45
Ethernet Artnet full support:	Yes
Ethernet Modbus / TCP/ UDP integrier:	Yes
Midi-Timecode in-/output:	Yes
SMPTE-Timecode in-/output:	Yes
RS232 – remote control:	Yes
DVI output:	Yes
USB 2.0:	Yes
SNTC, NTC (additional Interface):	Yes
Modbus-output:	Yes, up to 16 devices
Graphics card-output (ext. Beamershows):	2

Stand alone:

Stand alone mode: Yes
Memory: 60 GB, solid state drive
calendar function: Yes

Software-functions:

Fixture library: Yes
Patching: Yes
Operating & Monitoring (Livepage):   Yes
RDM-Monitoring: Yes
Logbook files: Yes
Scenes: Yes
Sequences: Yes
Scheduler: Yes
DMX channel preview: Yes
Effects: SIN,COS,RECT,SAW-UP,SAW-DOWN
Matrix programming: Yes
Matrix special effects: Yes
Scripte/Macros: Yes
Remote control over Artnet: Yes
Parameter curves/
Editable curves: Yes
ALC (Automatic Light Control)
specially for fountains: Yes
Media support laser, video, beamer: Yes
Email function for messages: Yes
Possibility to play audio files: Yes

Possibility to connect a water level sensor: Yes
Possibility to connect an anemometer: Yes

Specials:

- Master / slave function for grouping WECS 2048 II server
- Intelligent Logging system
- Solar calculation for automatic light control
- Balance system for fountain height
- Automatic show update via internet
- Emergency function for backup systems

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DMX-**RDM** [**R**emote **D**evice **M**anagment] is a bidirectional bus for querying and programing of DMX-devices. A RDM control unit is capable of identifying connected devices and to -partial automatically- configure them. DMX RDM devices can be operated simultaneously with simple DMX devices at the same time.

Supply and delivery according to manufacturer specifications.

Product / proof of delivery:
WECS II 2048/DMX/02
Art. 56507

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(or equivalent)
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Entered by the bidder