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Posted Date: May 8, 2024

Solicitation No.: B240287JJB

Solicitation Name: Lakes Park Water Quality Phase III - Construction

Subject: Addendum Number 4

The following represents clarification, additions, deletions, and/or modifications to the above-referenced bid. This addendum shall hereafter be regarded as part of the solicitation. Items not referenced herein remain unchanged, including the response date. Words, phrases or sentences with a strikethrough represent deletions to the original solicitation. Underlined words and bolded, phrases or sentences represent additions to the original solicitation.

1. ATTACHMENTS

a. **Manufacturers Data Sheet for YAGI Antenna**
b. **Manufacturers Data Sheet for OMNI Antenna**

2. QUESTIONS/ANSWERS

1.	DWG #E02 Please provide the conduit, wire, controls and power source for MOV 3, 4, 5.
Answer	**The power source for MOV-3 is an existing branch circuit that is located within 200-ft of Valve Station #2. The power source for MOV-4&5 is an existing branch circuit that is located within 200-ft of Valve Station #3. It will be necessary to extend each existing branch circuit to provide 120VAC power to each Valve Station utilizing ¾" Conduit with (1) #10 awg Blk, (1) #10 awg Wht, and (1) #10 awg Grn conductors.**

2.	DWG #E06, 08 Please provide a detail of the required antenna support.
Answer	**Please see the attached manufacturer's data sheets with mounting hardware for the YAGI and OMNI antennas.**

3.	DWG #C11 details a 2" electrical conduit between the Ops building and the tank area. Please provide the to and from location and the cables that are to be included.
Answer	**There is no electrical conduit from the Ops Bldg. to the Storage Tank. The 2" electrical conduit shown on Dwg. C11 and also shown on Dwg. C08 is Conduit #P1.**

4.	DWG #E15, 16 Is the Omni cable listed to be used between stations 2 and 3 and the MOVs?
Answer	**Use Omnicable #AS11614, 14/Conductor, 16awg.**

5.	Where is the location of the Alum Feed Control Panel?
Answer	**The Chemical Feed Pump is controlled by the Main Control Panel (MCP) in the Ops Bldg. See Sht. E03 Building Electrical Layout.**

6.	Where do you get the power for the Alum Feed Control Panel?
Answer	**The MCP is fed from the Main Disconnect Switch DS-1. See Sht. E02 Single Line Diagram.**

7.	DWG #M2 Please provide the specs for the Power Panel shown on the Storage Tank Building. Where is it from?
Answer	**The "Power Panel" shown on Dwg. M02 represents the service entrance equipment shown on the exterior of the Ops. Bldg. See Sht. E03 Building Electrical Layout and Sht. E05 Field Device BOMs.**

8.	Where is the location of the Storage Tank building?
Answer	**See Sht. C08 and Sht. C11 for the location of the Storage Tank.**

9.	Please detail the wiring between the Ops Building and the Storage tank building.
Answer	**There is no wiring required for the Storage Tank.**

10.	Where is the grounding detail to be utilized?
Answer	**Grounding and bonding details on Sht. ED01 applies to the Ops Bldg. grounding system. Install a total of two Ground Test Wells, each one located on opposite corners of the building.**

11.	Is the Ops Building and the Control Building the same building?
Answer	**Yes, both "Ops" and "Control" refer to the same building.**

BIDDER/PROPOSER IS ADVISED, YOU ARE REQUIRED TO ACKNOWLEDGE RECEIPT OF THIS ADDENDUM WHEN SUBMITTING A BID/PROPOSAL. FAILURE TO COMPLY WITH THIS REQUIREMENT MAY RESULT IN THE BIDDER/PROPOSER BEING CONSIDERED NON-RESPONSIVE.

ALL OTHER TERMS AND CONDITIONS OF THE SOLICITATION DOCUMENTS ARE AND SHALL REMAIN THE SAME.

Jake Bond

Jake Bond
Procurement Analyst Direct Line: 239-533-8898
Lee County Procurement Management

RAD-ISM-900-ANT-YAGI-6.5-N - Antenna

2867814

https://www.phoenixcontact.com/us/products/2867814

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Directional antenna, 868 MHz / 900 MHz, gain: 8.5 dBi, polarization: linear, opening angle: h/v 100°/62°, degree of protection: IP65, connection: N (female), incl. mounting bracket and mast clips

Your advantages

- For large distances
- For point-to-point connections

Commercial data

Item number	2867814
Packing unit	1 pc
Sales key	DN23
Product key	DNC6A3
Catalog page	Page 390 (C-6-2019)
GTIN	4017918976699
Weight per piece (including packing)	1,321.1 g
Weight per piece (excluding packing)	1,236 g
Customs tariff number	85177100
Country of origin	US

Technical data

Product properties

Product type	Antenna
Gain	8.5 dBi
Vertical beamwidth	62 °
Horizontal beamwidth	100 °
Polarization	Linear vertical or horizontal

Electrical properties

Frequency band	900 MHz
Frequency range	868 MHz ... 960 MHz
Impedance	50 Ω

Connection data

Connection technology

Connection method	N (female) with cable (0.6 m)
Outside diameter	32 mm ... 60 mm (Mast)

Dimensions

Width	60.5 mm
Height	172 mm
Length	304.8 mm

External dimensions

Outside diameter	32 mm ... 60 mm (Mast)

Material specifications

Material	Aluminum
	V2A
	V2A

Cable/line

Cable length	0.60 m
Connecting cable	yes

Environmental and real-life conditions

Ambient conditions

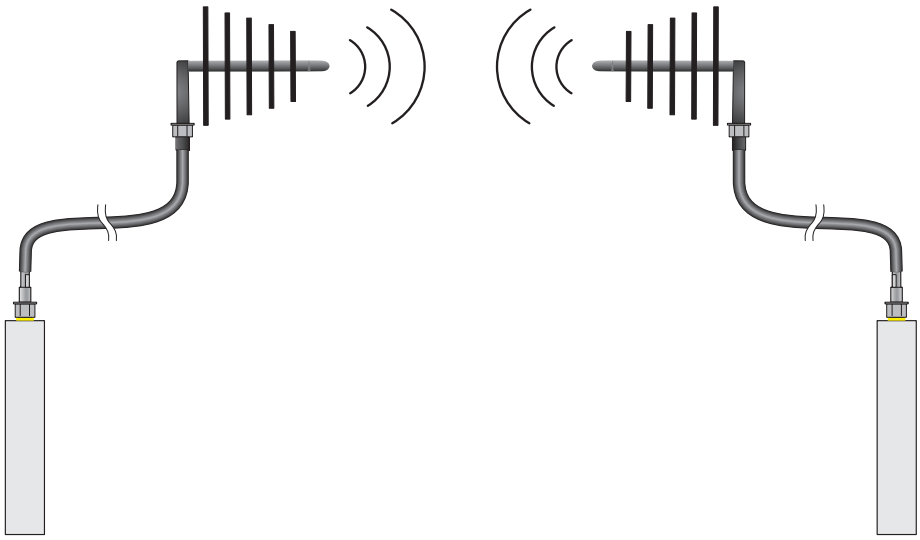
Degree of protection	IP65
Ambient temperature (operation)	-40 °C ... 80 °C
Wind velocity	15.4321 km/h

Mounting

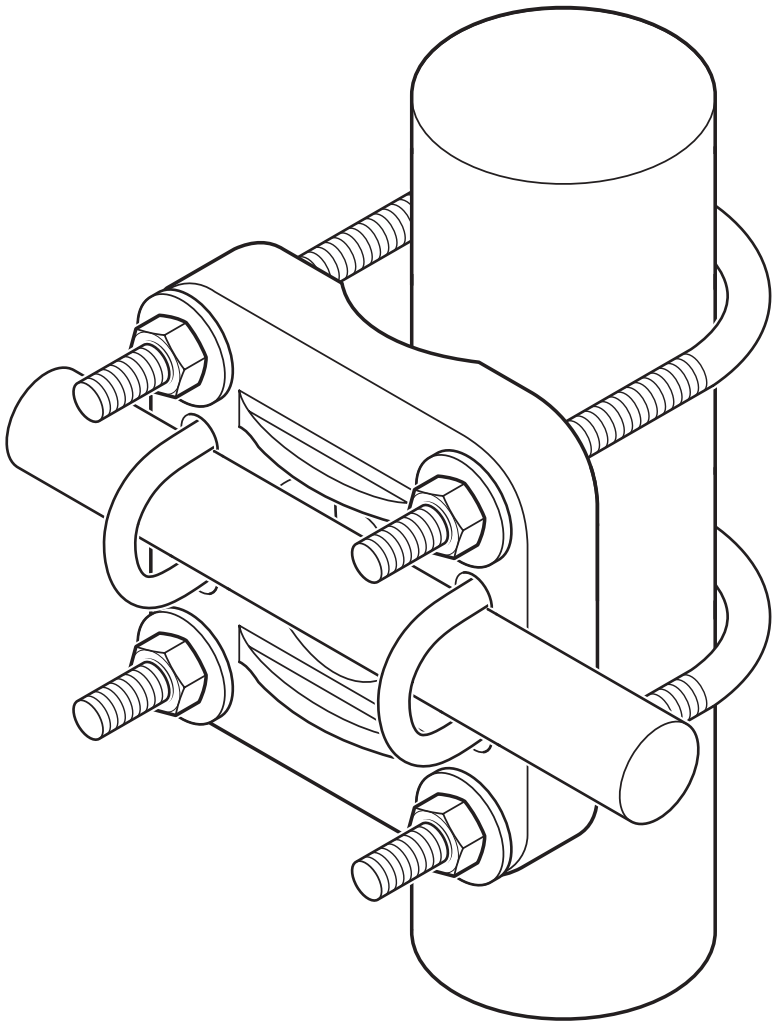
Mounting type	Mast mounting

Drawings

Schematic diagram

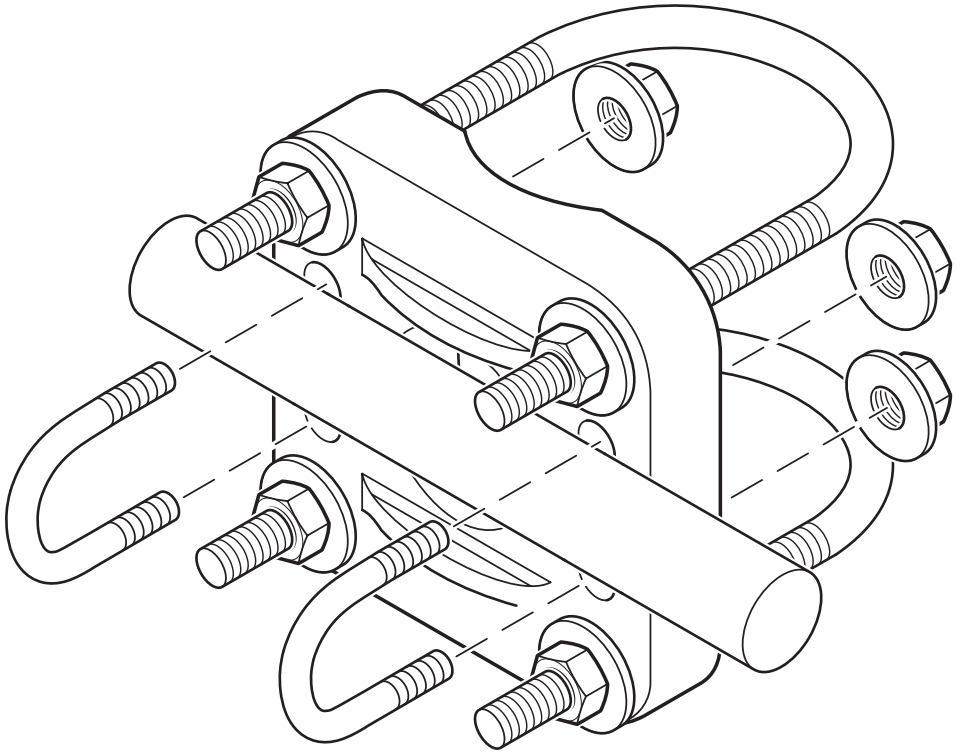


Schematic diagram



Mast mounting

Schematic diagram



Classifications

ECLASS

ECLASS-11.0	19070105
ECLASS-12.0	19070105
ECLASS-13.0	19070105

ETIM

ETIM 9.0	EC001698

UNSPSC

UNSPSC 21.0	43223100

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)

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ANT-OMNI-900-5 - Antenna

1361276

https://www.phoenixcontact.com/us/products/1361276

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Omnidirectional antenna, 900 MHz, gain: 5 dB, connection: N female including mounting hardware.

Commercial data

Item number	1361276
Packing unit	1 pc
Sales key	DN23
Product key	DNC6A3
GTIN	4063151698805
Weight per piece (including packing)	1,840 g
Weight per piece (excluding packing)	673 g
Customs tariff number	85177100
Country of origin	CN

Technical data

Product properties

Product type	Antenna
Radiation characteristics	Omnidirectional
Gain	5 dB

Electrical properties

Frequency band	900 MHz

Connection data

Connection technology

Connection method	N (female)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67

Classifications

ECLASS

ECLASS-11.0	19070105
ECLASS-12.0	19070105
ECLASS-13.0	19070105

ETIM

ETIM 9.0	EC001698

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
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EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)

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