

**SOLICITATION AMENDMENT
JOC Contract No. 2019011
DORFP #6
CITY OF BUCKEYE**

AMENDMENT NO. 1

NOTE: Attach to Original Delivery Order Request for Proposal. However, if the proposal has already been returned, complete this Amendment and return for attachment to your proposal no later than 3:00 PM, August 14, 2023.

City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326
Attn: Travis M. Stewart, Contracts Administrator
Finance Department
tstewart@buckeyeaz.gov

**SOLICITATION: JOC Contract No. 2019011 DORFP No. 6 – Delivery Order Request for Proposal
Sundance Water Campus Expansion**

Last Day for Questions: **August 8, 2023, no later than 3:00 PM local time**

Proposal Due Date and Time: **August 14, 2023, no later than 3:00 PM local time**

NOTICE TO CONTRACTORS:

This Amendment forms a part of the Contract and clarifies, corrects, or modifies the original Invitation for Bid documents prepared by the City of Buckeye.

The balance of the specifications and instructions remain the same. Offeror must acknowledge receipt and acceptance of this Amendment by returning the attached Solicitation Amendment Acknowledgement Page with the bid.

Revisions to original DORFP:

Exhibit A – Proposal Submission Sheets: Exhibit A has been revised to include a breakdown of the Scope of Work by line items.

Exhibit C – Scope of Work and Site Maps: Scope of Work has been revised to remove the following items:

Onsite offloading and storage of new arsenic vessels and media

SCADA Programming

The following Exhibits have been added to the DORFP and included as part of attachment 1 of the amendment:

Exhibit A – Proposal Submission Sheets (Revised 8/3/2023)

Exhibit C – Scope of Work and Site Maps (Revised 8/3/2023)

Exhibit F – Potential Discharge Location of Effluent and Backwash Water During Commissioning of Filters

Exhibit G – Location of Filters and Pallets After Delivery

Exhibit H – Electrical Equipment Submittal

Exhibit I – Sundance Water Treatment Plant System Expansion – I/O List

Exhibit J – Spare Slots in PLC

Questions Asked by Contractors:

Q1. Who will be providing the Pressure Transmitters?

A1. These will be provided by the City of Buckeye.

Q2. Are the vessels primed and coated?

A2. Interior is primed and epoxy coated. Exterior is only primed (JOC is required to apply epoxy paint).

Q3. Are tees, elbows and spools primed and coated?

A3. Interior is primed and epoxy coated. Exterior is only primed (JOC is required to apply epoxy paint).

Q4. Where will the effluent water and backwash water go during commissioning?

A4. See Exhibit F.

Q5. What brand of valve actuators will be used?

A5. The actuators will be Value Valve (The Scope of Supply listed the incorrect brand).

Q6. How many circuits are available in the electrical room?

A6. One circuit is available.

Q7. Where will vessels and media be stored after delivery?

A7. See Exhibit G.

Q8. Will PureFlow provide the electronic submittal documents (drawings, equipment cut sheets and electrical schematics)?

A8. See Exhibit H.

Q9. Are there any drawings for the PLC cabinets?

A9. We are unable to locate any drawings.

Q10. Can you provide an I/O list for the new filters?

A10. See Exhibit I.

Q11. Are there spare slots on the PLC?

A11. Yes, see Exhibit J.

Summary (Logical racks as labelled in the PLC)

Rack 2, Slots 4-6, 42 DIs

21 DOs (on 2 Cards)

Rack 3, Slot 5, 13 DOs

Rack 9, Slot 4, 8 DOs

24 AIs (on 5 Cards)

Rack 4, Slots 8, 5 AIs

Rack 4, Slots 9, 8 AIs

Rack 4, Slots 10, 8 AIs

Rack 9, Slot 6, 1 AI

Rack 9, Slot 7, 2 AIs

Due to the extensive amount of information provided on Amendment 1 the deadline for questions is being extended until August 8, 2023, 3:00 PM Local Time.

PLEASE ACKNOWLEDGE YOUR FIRM'S RECEIPT OF THIS AMENDMENT BY SIGNING THE ATTACHED DORFP AMENDMENT ACKNOWLEDGEMENT.

SOLICITATION AMENDMENT ACKNOWLEDGEMENT

SOLICITATION: JOC Contract No. 2019011 DORFP #6 – SUNDANCE WATER CAMPUS EXPANSION

AMENDMENT NUMBER 1

AMENDMENT ISSUE DATE: August 4, 2023

Offeror certifies that Offeror has read, understands, and will fully and faithfully comply with this DORFP, its attachments and any referenced documents. Offeror also certifies that this offer was independently developed without consultation with any of the other Offerors or potential Offerors.

Name of Company: _____

Authorized Signature: _____

Print Name and Title: _____

Date: _____

Address: _____

City, State, Zip Code: _____

Telephone Number: _____

Email Address: _____

Attachment 1

Exhibits to Contract No. 2019011 DORFP No. 6

Exhibit A

Proposal Submission Sheets (Revised 8/3/2023)

PROPOSAL

City Project Name: **Sundance Water Campus Expansion**

Solicitation No: **DORFP #6**

Date: _____

Proposal from: _____
(Name of Firm)

To: City of Buckeye, Finance Department

The following proposal is made for construction services for the City of Buckeye, Arizona, in accordance with Construction Documents. The undersigned certifies that the Construction Documents, as well as the proposed construction site and conditions affecting the Work have been carefully examined; that the amount and nature of the Work to be done is thoroughly understood; and that at no time will misunderstanding of the drawings, specifications, or conditions to be overcome be pleaded.

The undersigned certifies that he or his firm is currently licensed under the provisions of ARS Sections 32-1151 and 32-1169. The undersigned further certifies that he or his firm has a privilege license pursuant to ARS Section 42-5005.

The undersigned has/will execute the Job Order Contract Delivery Order if awarded the Contract. Any exceptions to the terms and conditions have been stated in writing and submitted on a separate sheet with this price proposal. The undersigned understands that any exceptions taken to the Construction Contract which are not accepted and/or approved by the City may be a basis for rejection of the Price Proposal as nonresponsive.

RECEIPT BY THE UNDERSIGNED OF THE FOLLOWING ADDENDA IS HEREBY ACKNOWLEDGED:

AMENDMENT NUMBER: _____ DATED: _____

AMENDMENT NUMBER: _____ DATED: _____

AMENDMENT NUMBER: _____ DATED: _____

LUMP SUM PROPOSAL:

The undersigned proposes to complete all the Work in accordance with said Construction Documents, plans, specifications, and all associated addenda for the lump sum of Items #1-15:

Dollars (\$_____).

(Amount shall be shown in both words and figures. In case of discrepancy, the amount shown in words shall govern.)

SCOPE OF WORK:

The bid table below is made for the labor, materials, equipment and services to install two new PureFlow arsenic removal vessels procured by the City of Buckeye at the Sundance Water Campus. The City retains the right to award any individual item or all items listed below according to available funding.

Item No.	Item Description	Bid Amount
1	Installation of Vessels (Lift, Set, and Anchor to Pedestals)	\$
2	Install Concrete in Vessels	\$
3	Installation of Vessel Laterals	\$
4	Installation of Media	\$
5	Installation of Piping	\$
6	Flushing and Disinfection of Vessels and Piping Along with BAC-T Testing	\$
7	Coating and Labeling of New Above Ground Piping and Vessels	\$
8	Provide New Electrical and Controls Connection to Two New Vessels	\$
9	Provide Conduit, Wire, J-Boxes and Power Panels	\$
10	Provide and Install Racks for Turbidity Meters	\$
11	Build Racks for Supplied J-Boxes and Power Panels	\$
12	Supply New 120/208-Volt 3R Panel Board and Rework Feed for New Equipment	\$
13	Onsite Startup and Loop Verification with PLC Programmer	\$
14	Provide Temporary Piping During Commissioning of Vessels	\$
15	Assist with Startup and Commissioning	\$
16	Total Bid	\$

Submitted by: _____

SIGNATURE: _____

NAME: _____

TITLE: _____

Principal Office: _____

Address: _____

Telephone: _____

Facsimile: _____

M_____ being duly sworn deposes and says that he/she is the
_____ of _____ Contractor(s), and that answers to
the foregoing questions and all statements therein contained are true and correct.

Subscribed and sworn before me this ____ day of _____, 20__

Notary Public: _____

My Commission Expires: _____ day of _____, 20__

SIGNATURE: _____

Exhibit C

Scope of Work and Site Maps (Revised 8/3/2023)

Sundance Water Campus Expansion

22900 West Yuma Road Buckeye AZ 85326

Installation of two new Pureflow arsenic removal vessels. The referenced documents are Pureflow Filtration Scope of Supply, quotation number P2210054, dated October 16th, 2022, and Pureflow Filtration's Mechanical Equipment Submittal, Pureflow job number P23002, dated March 1st, 2023.

Operation and maintenance manuals for Pureflow filtration vessels and appurtenances

Coating and labeling of new above ground piping and vessels

Assist Pureflow and operations with startup and commissioning of new arsenic vessels Installation of complete and functional system

Third party inspection. This includes soil compaction, concrete cylinder testing, and exposed piping coating inspections

Required electrical, instrumentation, and controls
CADD drawings and as-builts

Media installations

Disinfection of face piping and arsenic vessels, aid in collection of Bac-T samples

Shutdown for tie-ins

Site Map

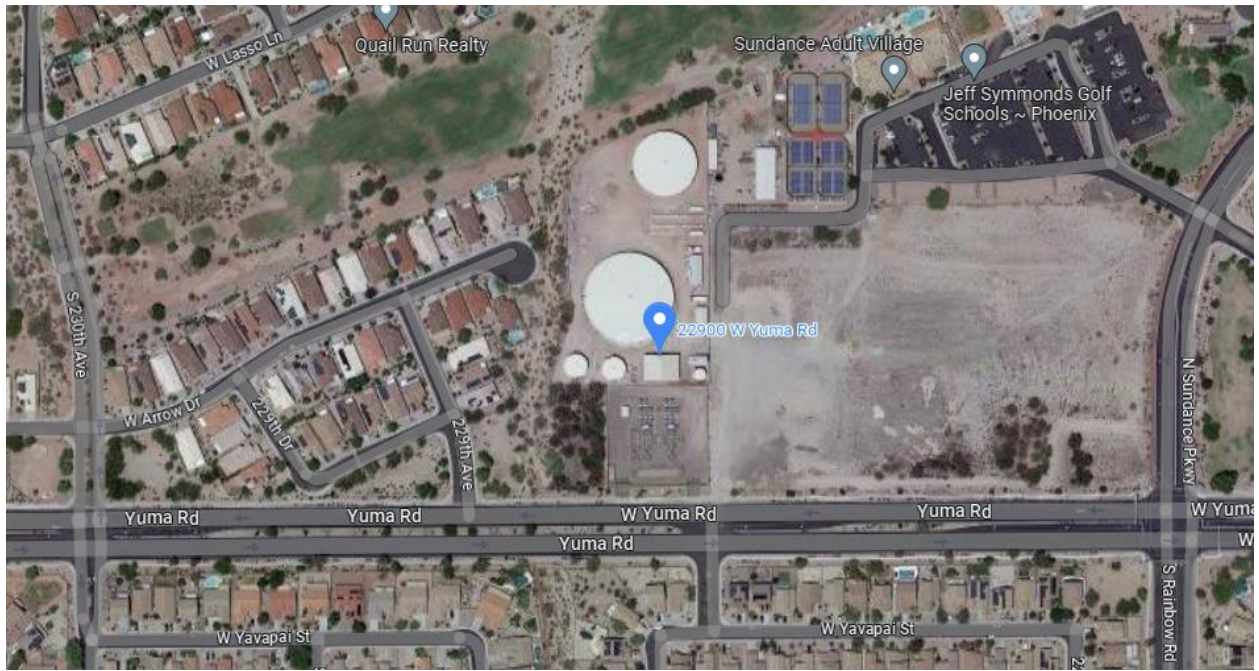


Exhibit F

Potential Discharge Location of Effluent and Backwash Water During Commissioning of Filters

POTENTIAL DISCHARGE LOCATION OF EFFLUENT AND
BACKWASH WATER DURING COMMISSIONING OF FILTERS

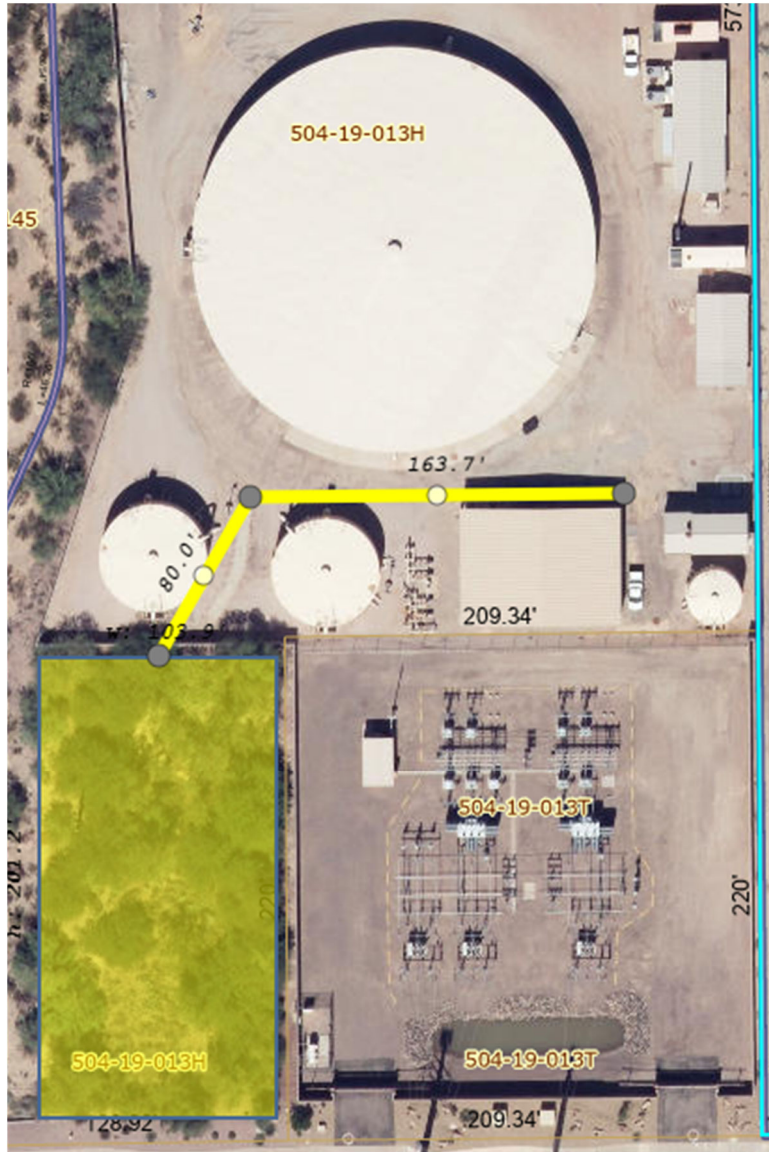


Exhibit G

Location of Filters and Pallets After Delivery

LOCATION OF FILTERS AND PALLETS AFTER DELIVERY
(REPRESENTED BY RED RECTANGLES)



Exhibit H

Electrical Equipment Submittal

[Posted as Separate Document on the City of Buckeye's Website]

Exhibit I

Sundance Water Treatment Plant System Expansion – I/O List



BUCKEYE, ARIZONA, USA, USA

SUNDANCE WATER TREATMENT PLANT SYSTEM EXPANSION - I / O LIST

Control Panel Function																
Sub-System	Device Description	Device Type	Tag No.	Control Panel	Device Power 120VAC	Device Power 24VDC	Digital Input #1 (24VDC)	Digital Input #2 (24VDC)	Digital Input #3 (24VDC)	Digital Output #1 (24VDC)	Digital Output #2 (24VDC)	Relayed Dry Contact	Analog Input #1 (4-20mA)	Analog Input #2 (4-20mA)2	Analog Signal Type	Analog Output (4-20mA)
Filter G	Filter Influent Valve	Motorized Butterfly Valve	V1-G		X		Feedback: Valve Open	Feedback: Valve Closed	Feedback: Valve in Remote	Command: Open Valve	Command: Close Valve					
Filter G	Filter Effluent Valve	Motorized Butterfly Valve	V2-G		X		Feedback: Valve Open	Feedback: Valve Closed	Feedback: Valve in Remote	Command: Open Valve	Command: Close Valve					
Filter G	Filter Backwash Water Supply Outlet Valve	Motorized Butterfly Valve	V3-G		X		Feedback: Valve Open	Feedback: Valve Closed	Feedback: Valve in Remote	Command: Open Valve	Command: Close Valve					
Filter G	Filter Backwash Water Outlet Valve	Motorized Butterfly Valve	V4-G		X		Feedback: Valve Open	Feedback: Valve Closed	Feedback: Valve in Remote	Command: Open Valve	Command: Close Valve					
Filter G	Filter Purge Valve	Motorized Butterfly Valve	V5-G		X		Feedback: Valve Open	Feedback: Valve Closed	Feedback: Valve in Remote	Command: Open Valve	Command: Close Valve					
Filter G	Filter Inlet Pressure	Pressure Transmitter	PT-G1			X							Feedback: Pressure		Loop-powered	
Filter G	Filter Inlet Pressure	Pressure Transmitter	PT-G2			X							Feedback: Pressure		Loop-powered	
Filter G	Filter Effluent Flow Control Valve	Motorized Butterfly Valve, Modulating	FCV-G		X		Feedback: Valve in Remote						Feedback: Position		Sourced	Command: Position
Filter G	Filter Effluent Turbidity Analyzer	Turbibimeter	TUR/AIT417-G		X		Feedback: Alarm						Feedback: Turbidity		Sourced	
Filter G	Filter Effluent Flowmeter	Flowmeter	FIT-G1		X								Feedback: Flowrate		Sourced	
Filter F	Filter Influent Valve	Motorized Butterfly Valve	V1-F		X		Feedback: Valve Open	Feedback: Valve Closed	Feedback: Valve in Remote	Command: Open Valve	Command: Close Valve					
Filter F	Filter Effluent Valve	Motorized Butterfly Valve	V2-F		X		Feedback: Valve Open	Feedback: Valve Closed	Feedback: Valve in Remote	Command: Open Valve	Command: Close Valve					
Filter F	Filter Backwash Water Supply Outlet Valve	Motorized Butterfly Valve	V3-F		X		Feedback: Valve Open	Feedback: Valve Closed	Feedback: Valve in Remote	Command: Open Valve	Command: Close Valve					
Filter F	Filter Backwash Water Outlet Valve	Motorized Butterfly Valve	V4-F		X		Feedback: Valve Open	Feedback: Valve Closed	Feedback: Valve in Remote	Command: Open Valve	Command: Close Valve					
Filter F	Filter Purge Valve	Motorized Butterfly Valve	V5-F		X		Feedback: Valve Open	Feedback: Valve Closed	Feedback: Valve in Remote	Command: Open Valve	Command: Close Valve					
Filter F	Filter Inlet Pressure	Pressure Transmitter	PT-F1			X							Feedback: Pressure		Loop-powered	
Filter F	Filter Inlet Pressure	Pressure Transmitter	PT-F2			X							Feedback: Pressure		Loop-powered	
Filter F	Filter Effluent Flow Control Valve	Motorized Butterfly Valve, Modulating	FCV-F		X		Feedback: Valve in Remote						Feedback: Position		Sourced	Command: Position
Filter F	Filter Effluent Turbidity Analyzer	Turbibimeter	TUR/AIT417-F		X		Feedback: Alarm						Feedback: Turbidity		Sourced	
Filter F	Filter Effluent Flowmeter	Flowmeter	FIT-F1		X								Feedback: Flowrate		Sourced	
Totals									34		10	0	10			2

Exhibit J

Spare Slots on PLC

Rack	Available?	Digital/Analog
ENET_R4S0:10:I.Ch0Data	Yes	Analog
ENET_R4S0:10:I.Ch1Data	Yes	Analog
ENET_R4S0:10:I.Ch2Data	Yes	Analog
ENET_R4S0:10:I.Ch3Data	Yes	Analog
ENET_R4S0:10:I.Ch4Data	Yes	Analog
ENET_R4S0:10:I.Ch5Data	Yes	Analog
ENET_R4S0:10:I.Ch6Data	Yes	Analog
ENET_R4S0:10:I.Ch7Data	Yes	Analog
ENET_R4S0:8:I.Ch2Data	Yes	Analog
ENET_R4S0:8:I.Ch3Data	Yes	Analog
ENET_R4S0:8:I.Ch4Data	Yes	Analog
ENET_R4S0:8:I.Ch5Data	Yes	Analog
ENET_R4S0:8:I.Ch6Data	Yes	Analog
ENET_R4S0:9:I.Ch0Data	Yes	Analog
ENET_R4S0:9:I.Ch1Data	Yes	Analog
ENET_R4S0:9:I.Ch2Data	Yes	Analog
ENET_R4S0:9:I.Ch3Data	Yes	Analog
ENET_R4S0:9:I.Ch4Data	Yes	Analog
ENET_R4S0:9:I.Ch5Data	Yes	Analog
ENET_R4S0:9:I.Ch6Data	Yes	Analog
ENET_R4S0:9:I.Ch7Data	Yes	Analog
ENET_R9S0:6:I.Ch5Data	Yes	Analog
ENET_R9S0:7:I.Ch1Data	Yes	Analog
ENET_R9S0:7:I.Ch4Data	Yes	Analog
ENET_R9S0:8:O.Ch4Data	Yes	Analog
ENET_R9S0:8:O.Ch5Data	Yes	Analog
ENET_R9S0:8:O.Ch6Data	Yes	Analog
ENET_R9S0:8:O.Ch7Data	Yes	Analog
ENET_R2S0:4:I.Data.10	Yes	Digital
ENET_R2S0:4:I.Data.11	Yes	Digital
ENET_R2S0:4:I.Data.12	Yes	Digital
ENET_R2S0:4:I.Data.13	Yes	Digital
ENET_R2S0:4:I.Data.14	Yes	Digital
ENET_R2S0:4:I.Data.15	Yes	Digital
ENET_R2S0:4:I.Data.6	Yes	Digital
ENET_R2S0:4:I.Data.7	Yes	Digital
ENET_R2S0:4:I.Data.8	Yes	Digital
ENET_R2S0:4:I.Data.9	Yes	Digital
ENET_R2S0:5:I.Data.0	Yes	Digital
ENET_R2S0:5:I.Data.1	Yes	Digital
ENET_R2S0:5:I.Data.10	Yes	Digital
ENET_R2S0:5:I.Data.11	Yes	Digital
ENET_R2S0:5:I.Data.12	Yes	Digital
ENET_R2S0:5:I.Data.13	Yes	Digital
ENET_R2S0:5:I.Data.14	Yes	Digital
ENET_R2S0:5:I.Data.15	Yes	Digital

ENET_R2S0:5:I.Data.2	Yes	Digital
ENET_R2S0:5:I.Data.3	Yes	Digital
ENET_R2S0:5:I.Data.4	Yes	Digital
ENET_R2S0:5:I.Data.5	Yes	Digital
ENET_R2S0:5:I.Data.6	Yes	Digital
ENET_R2S0:5:I.Data.7	Yes	Digital
ENET_R2S0:5:I.Data.8	Yes	Digital
ENET_R2S0:5:I.Data.9	Yes	Digital
ENET_R2S0:6:I.Data.0	Yes	Digital
ENET_R2S0:6:I.Data.1	Yes	Digital
ENET_R2S0:6:I.Data.10	Yes	Digital
ENET_R2S0:6:I.Data.11	Yes	Digital
ENET_R2S0:6:I.Data.12	Yes	Digital
ENET_R2S0:6:I.Data.13	Yes	Digital
ENET_R2S0:6:I.Data.14	Yes	Digital
ENET_R2S0:6:I.Data.15	Yes	Digital
ENET_R2S0:6:I.Data.2	Yes	Digital
ENET_R2S0:6:I.Data.3	Yes	Digital
ENET_R2S0:6:I.Data.4	Yes	Digital
ENET_R2S0:6:I.Data.5	Yes	Digital
ENET_R2S0:6:I.Data.6	Yes	Digital
ENET_R2S0:6:I.Data.7	Yes	Digital
ENET_R2S0:6:I.Data.8	Yes	Digital
ENET_R2S0:6:I.Data.9	Yes	Digital
ENET_R3S0:5:O.Data.10	Yes	Digital
ENET_R3S0:5:O.Data.11	Yes	Digital
ENET_R3S0:5:O.Data.12	Yes	Digital
ENET_R3S0:5:O.Data.13	Yes	Digital
ENET_R3S0:5:O.Data.14	Yes	Digital
ENET_R3S0:5:O.Data.15	Yes	Digital
ENET_R3S0:5:O.Data.3	Yes	Digital
ENET_R3S0:5:O.Data.4	Yes	Digital
ENET_R3S0:5:O.Data.5	Yes	Digital
ENET_R3S0:5:O.Data.6	Yes	Digital
ENET_R3S0:5:O.Data.7	Yes	Digital
ENET_R3S0:5:O.Data.8	Yes	Digital
ENET_R3S0:5:O.Data.9	Yes	Digital
ENET_R9S0:1:I.Data.11	Yes	Digital
ENET_R9S0:1:I.Data.12	Yes	Digital
ENET_R9S0:1:I.Data.13	Yes	Digital
ENET_R9S0:1:I.Data.14	Yes	Digital
ENET_R9S0:1:I.Data.15	Yes	Digital
ENET_R9S0:3:I.Data.0	Yes	Digital
ENET_R9S0:3:I.Data.1	Yes	Digital
ENET_R9S0:3:I.Data.10	Yes	Digital
ENET_R9S0:3:I.Data.11	Yes	Digital
ENET_R9S0:3:I.Data.12	Yes	Digital

ENET_R9S0:3:I.Data.13	Yes	Digital
ENET_R9S0:3:I.Data.14	Yes	Digital
ENET_R9S0:3:I.Data.15	Yes	Digital
ENET_R9S0:3:I.Data.2	Yes	Digital
ENET_R9S0:3:I.Data.3	Yes	Digital
ENET_R9S0:3:I.Data.4	Yes	Digital
ENET_R9S0:3:I.Data.5	Yes	Digital
ENET_R9S0:3:I.Data.6	Yes	Digital
ENET_R9S0:3:I.Data.7	Yes	Digital
ENET_R9S0:3:I.Data.8	Yes	Digital
ENET_R9S0:3:I.Data.9	Yes	Digital
ENET_R9S0:4:O.Data.10	Yes	Digital
ENET_R9S0:4:O.Data.11	Yes	Digital
ENET_R9S0:4:O.Data.12	Yes	Digital
ENET_R9S0:4:O.Data.13	Yes	Digital
ENET_R9S0:4:O.Data.14	Yes	Digital
ENET_R9S0:4:O.Data.15	Yes	Digital
ENET_R9S0:4:O.Data.8	Yes	Digital
ENET_R9S0:4:O.Data.9	Yes	Digital

Total DI	42
Total DO	21
Total AI	24
Total AO	4