

Office of State Procurement  
State of Louisiana  
Division of Administration

JOHN BEL EDWARDS  
GOVERNOR



JAY DARDENNE  
COMMISSIONER OF  
ADMINISTRATION

February 15, 2023

**ADDENDUM NO. 03**

Your reference is directed to RFX No. 3000020356 for the Request for Proposal (RFP) for the Division of Administration (DOA) – Office of Technology Services (OTS) to furnish Metro Dense Wavelength Division Multiplexing (DWDM), which is currently scheduled to open at 10:00 a.m. (CT) on March 2, 2023.

The following changes are to be made to the referenced solicitation:

Update Addendum to include all pages

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All else remains as on original Request for Proposal.

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**THIS ADDENDUM IS HEREBY OFFICIALLY MADE A PART OF THE REFERENCED SOLICITATION.**

**ACKNOWLEDGEMENT:** If you have already submitted your proposal and this Addendum does not cause you to revise your proposal, you should acknowledge receipt of this Addendum by identifying your business name and by signing where indicated. You may return this Acknowledgement by mail, by hand delivery, or courier to: Office of State Procurement, 1201 N. 3rd Street, Claiborne Building-Ste. 2-160, Baton Rouge, LA 70802, or by fax to: (225) 342- 9756. The State reserves the right to request a completed Acknowledgement at any time. Failure to execute an acknowledgement shall not relieve the proposer from complying with the terms of its proposal.

Addendum Acknowledged/No changes:

For: \_\_\_\_\_ By: \_\_\_\_\_

**REVISION:** If you have already submitted your proposal and this Addendum requires you to revise your proposal, you must indicate any change(s) below, identify your business name and sign where shown. Revisions shall be delivered prior to proposal opening by mail, by hand delivery or courier to: Office of State Procurement, 1201 N. 3rd Street, Claiborne Building- Ste. 2-160, Baton Rouge, LA 70802, and indicate the RFX number and the proposal opening date and time on the outside of the envelope for proper identification, or by fax to: (225) 342-9756. Electronic transmissions other than by fax are not being accepted at this time.

**Revisions received after proposal opening shall not be considered and you shall be held to your original proposal.**

Revision:

For: \_\_\_\_\_ By: \_\_\_\_\_

By: Krystal Frank  
State Procurement Analyst  
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**Written Inquiries**  
**RFP Metro DWDM**  
**Solicitation No. 3000020356**  
**File Number: T 92825**

**Proposer's Inquiry #1:**

Who is the current OTS's DWDM provider and incumbent DWDM services?

**State's Response #1:**

The incumbent vendor is UNITI Fiber.

**Proposer's Inquiry #2:**

What is Fibre Channel (7) referring to 100gb circuits, dark fiber, cross connects, or port assignments? Please provide a detailed response.

**State's Response #2:**

Section 3.2.2 of the RFP – Fibre Channel, Quantity 7 is one (1) Fibre Channel 100 and six (6) Fibre Channel 200. We are referring to Fibre Channel wavelength circuits + ports.

**Proposer's Inquiry #3:**

Is the vendor required to provide the dark fiber for this project?

**State's Response #3:**

Yes, the Contractor is responsible for providing fiber. The State will provide the diverse entrances at each facility.

**Proposer's Inquiry #4:**

Can we provide a bid for the DWDM optical electronics portion solely?

**State's Response #4:**

The proposal responses must include all mandatory items in Section 4.1.1 of the RFP.

**Proposer's Inquiry #5:**

The RFP states there are Fibre Channel services. What data transmission speed rates are required/needed for the Fibre Channel services?

**State's Response #5:**

The State desires various speeds over 1Gb for Fibre Channel services.

**Proposer's Inquiry #6:**

If the dark fiber is already present, state the fiber type, length and loss value of each span?

**State's Response #6:**

Dark fiber is not already present.

**Proposer's Inquiry #7:**

What is the maximum total bandwidth to which the system is required to scale?

**State's Response #7:**

Current total bandwidth is around 400G. Upgrade options shall be made available.

**Proposer's Inquiry #8:**

What is the highest DWDM line rate signal is the network required to support?

**State's Response #8:**

The highest required is 100 Gb.

**Proposer's Inquiry #9:**

What type of client optics are required?

**State's Response #9:**

The State desires FC200, FC400, FC800, optionally FC1200, Ethernet 1 gig, 10gig, 40gig, 100gig, multimode and singlemode.

**Proposer's Inquiry #10:**

What type of power is required?

**State's Response #10:**

AC is provided, but DC equipment can be used if the rectifier is also supplied.

**Proposer's Inquiry #11:**

Do you prefer 2 post or 4 post racks?

**State's Response #11:**

See revision to Section 3.2.3 of the RFP in this Addendum #2. Two (2) standard cabinets will be provided by the State.

**Proposer's Inquiry #12:**

What level of service protection is required?

**State's Response #12:**

Per Section 3.2.2 of the RFP: "The service shall use diverse cable paths ... shall include auto fault detection and path recovery mechanisms that can be implemented to eliminate failures..."

**Proposer's Inquiry #13:**

Section 3.2.2 states: "***The service shall use diverse cable paths. The State shall provide the diverse entrances at each facility.***" Question: Please describe the diverse entrance at 628 4<sup>th</sup> Street. Will OTS provide a diverse entry point to the building by providing an entry

point in the building that the vendor will have to reach or will a conduit from the road into the building be provided for the diverse path? Where will the vendor meet the State to gain the second entry point?

**State's Response #13:**

There are two (2) entrances. One (1) from the East side of the building and one (1) from the Southwest corner of the building. There is conduit into the building from each direction but the current capacity is not known. Previous vendor fibers may need to be removed if warranted

**Proposer's Inquiry #14:**

Section 3.2.2 & 7.1.1. In Section 3.2.2, no 100 Gigabit Ethernet is mentioned but in Section 7.1.1 it requests 100 Gigabit Ethernet. Does 100 Gigabit exist in the current environment, if so, what are the quantities and end points? If not, what is the forecast by location for 100 Gigabit Ethernet?

**State's Response #14:**

Two (2) 100 Gigabit Ethernet circuits are currently in use between 1800 N. 3<sup>rd</sup> Street and 8001 Independence Blvd.

**Proposer's Inquiry #15:**

Section 3.2.2: What services/quantities/speeds are installed now?

**State's Response #15:**

The current services, quantities, and speeds are listed in 3.2.2 of the RFP. The State recently added two (2) – 100G Ethernet DWDM circuits between location A and location Z.

**Proposer's Inquiry #16:**

What services / quantities do you expect to add in the next three years?

**State's Response #16:**

The State anticipates adding additional Ethernet circuits of various sizes between 1G – 100G. In the past three (3) years, the State has added approximately eight (8) new circuits.

**Proposer's Inquiry #17:**

Section 3.2.2: Which Fibre Channel speed does OTS want? Our choices are: FC200 (2G), FC400 (4G), FC800 (8G) and FC1600 (16G). Also need quantities.

**State's Response #17:**

The State desires FC200 (2G), FC400 (4G), FC800 (8G) and optionally FC1200 (12G). Current quantities are located in Section 3.2.2 of the RFP.

**Proposer's Inquiry #18:**

Service Management- is on shore support a requirement?

**State's Response #18:**

Per Section 3.4 of the RFP: "All help desk services shall be based within the United States." The State desires dedicated service management be based within the United States.

**Proposer's Inquiry #19:**

Installation interval- exceptions for unanticipated work?

**State's Response #19:**

Exceptions for unanticipated work will be evaluated on a case-by-case basis.

**Proposer's Inquiry #20:**

Section 6.1.13: Security policy: we are not the recipient of the policy. Is there an action for us to take?

**State's Response #20:**

The Information Security Policy applies to the awarded Contractor and may be found at <http://www.doa.la.gov/doa/ots/policies-and-forms/>

**Proposer's Inquiry #21:**

Section 3.3.4: Regarding the 10 day installation interval: Is there any differentiation for different phases of implementation? For example, Shelf Cards need to be pre-configured or we won't make the installation interval. Is it all inclusive implementation language or does it allow for different stages?

**State's Response #21:**

Phases are defined in Section 3.3 of the RFP. The ten (10) day installation interval in Section 3.3.4 is for adds, moves and changes after system implementation and migration.

**Proposer's Inquiry #22:**

RFP Section 6.0, Contractual Terms and Conditions:  
May Proposers submit exceptions to the RFP's terms and conditions, and/or provide supplemental terms and conditions for the State's consideration in order to align the final contract with the Proposer's solution?

**State's Response #22:**

The State will review/consider exceptions requested of the Proposer. However, the Proposer should note that some terms and conditions are non-negotiable and may result in the Proposer's solution being deemed administratively or technically flawed.

**Proposer's Inquiry #23:**

3.3 Implementation Service Provision Requirements:  
At what point during the System Migration phase does the State accept the services as delivered and billable? Once the contractor delivers, tests, and certifies the circuits, as provided in section 3.3.3? Otherwise please provide what is required for the circuit to be considered complete and billable.

**State's Response #23:**

Billing may begin once traffic is moved onto the circuit after testing and certification.

**Proposer's Inquiry #24:**

7.1.1 Pricing Form for required Protocol and Bandwidth:

Please explain what the state is referencing as "Conversion" in section 4.1.1 and 7.1.1, and clarify what costs the state is willing to allow vendors to include in Conversion Costs?

**State's Response #24:**

See revisions to Section 4.1.1 and Section 7.1.1 of the RFP in this Addendum #2.

**Proposer's Inquiry #25:**

On the RFP it states "Proposers are hereby advised that the Office of State Procurement (OSP) must receive proposals at its physical location by the date and time specified in Section 2.2 Calendar of Events of this RFP and on page one (1) of the RFX document.", but then it continues to talk about Online Submissions.

So my question is can online submissions be completed or does one need to submit the bid in person as well?

**State's Response #25:**

Proposers may choose to submit their RFP response either completely online or by submitting a hard copy either by mail or delivered by hand or courier service.

ISB	DPS	Fibre Channel	7
Bienville	DPS	Gigabit Ethernet	3
ISB	DPS	10 Gigabit Ethernet	4
ISB	DPS	40 Gigabit Ethernet	2

The service shall use diverse cable paths. The State shall provide the diverse entrances at each facility. The service shall include auto fault detection and path recovery mechanisms that can be implemented to eliminate failures across the multiple paths. The Proposer should describe its diverse cable paths, auto fault detection and path recovery mechanisms in Section 7.2.7 (Diverse Cable Paths).

In order to demonstrate an understanding of the scope of the RFP, the Proposer should provide a conceptual design with diagrams and a sample implementation plan of comparable size and scope. The Proposer should use the form in Section 7.2.8 (Conceptual Design and Sample Implementation Plan).

**3.2.3 FACILITIES**

The Contractor shall place equipment necessary to terminate services within the State's facilities listed in Section 3.2.1, Background Information. The State shall provide two (2) standard cabinets at each of the facilities. The State shall provide power, cooling, and cable conduit at each of the three (3) facilities. The Contractor shall provide and install all required cabling per OTS standards.

**3.3 IMPLEMENTATION AND SERVICE PROVISION REQUIREMENTS**

OTS shall assign a project manager to work with the Contractor during implementation. The new service shall be implemented in three (3) phases to minimize the impact to the existing services, as applicable, to the Proposer's proposed platform. The phases are as follows:

- Phase 1, System Implementation (See Section 3.3.2) – If applicable, a complete data transport system shall be installed, tested, and certified without the actual migration of the existing customer lines.
- Phase 2, System Migration (See Section 3.3.3) – All customer connections shall be migrated from the existing Metro DWDM line of service to the new service. The Contractor shall test and certify the connections. The State desires minimum disruption for existing customers during the migration process.
- Phase 3, Service Ordering (See Section 3.3.4) – The Contractor shall begin accepting customer orders as well as move, change, and disconnect orders for the new service.

**3.3.1 THIS SECTION INTENTIONALLY BLANK**



#### 4.1.1 REQUIRED PROTOCOL AND BANDWIDTH

The Proposer shall quote rates for, monthly recurring and installation for all of the following protocols:

- Fibre Channel
- Gigabit Ethernet 1000BASE-LX
- 10 Gigabit Ethernet (10GBase-SR)
- 10 Gigabit Ethernet (10GBase-LR)
- 10 Gigabit Ethernet (10GBase-ER)
- 40 Gigabit Ethernet (40GBase-SR4 or 40 Gigabit Ethernet (40GBase-LR4)
- 100 Gigabit Ethernet (Various Handoff Types)

The Proposer may quote a rate of zero.

There shall be no cost to the State of system implementation or testing. There shall be no cost to the State to disconnect circuits.

The Proposer should use the form in Section 7.1.1 (Required Protocol and Bandwidth).

#### 4.1.2 REGULATED CHARGES, TAXES, AND OTHER CHARGES

The State requires a stable and predictable rate structure for the term of the Contract. As such, the Proposer's quoted unit rates for goods and services to be provided shall be inclusive of all service charges, applicable taxes, and FCC regulated charges that it intends to recover. A copy of OTS's Certificate of Sales/Use Tax Exemption is included herein as Appendix 8.1 of the RFP.

Examples of regulated charges that the Proposer may include in its quoted rates include, but are not limited to Access Recovery Charge, Federal Excise Tax, and FCC Universal Service Fund (USF).

Examples of taxes the State shall not pay include but are not limited to E911 tax, Property Tax Recovery, State Universal Service Fund, State or Local Sales Tax, Intrastate Fee, Utility Usage Tax, etc.

The State requires that the cost of all regulated charges that the Proposer intends to recover be included in the unit rates quoted. As such, the Proposer should consider the possibility that certain regulated charges may increase during the Contract term and should quote its unit rates accordingly. The State will not pay any new regulated charges or increases thereof during the Contract term, including any contract renewals.

The Proposer shall not bill and the State shall not pay for any itemized regulated charges.

#### 4.2 MISSING PRICE

All prices shall be quoted in accordance with Section 4.1, Pricing Specific to this RFP.

**7.0 RESPONSE FORMS**

**7.1 PRICING FORMS**

**7.1.1 REQUIRED PROTOCOL AND BANDWIDTH (See Section 4.1.1)**

The Proposer shall quote rates for monthly recurring and installation for all of the following protocols:

The Proposer may quote a rate of zero.

Protocol	Rate Per Circuit	
	Monthly Recurring	Installation
Fibre Channel		
Gigabit Ethernet 1000BASE-LX		
10 Gigabit Ethernet (10GBase-SR)		
10 Gigabit Ethernet (10GBase-LR)		
10 Gigabit Ethernet (10GBase-ER)		
40 Gigabit Ethernet (40GBase-SR4 or 40 Gigabit Ethernet (40GBase-LR4)		
100 Gigabit Ethernet (Specify Handoff Type)		