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December 17, 2020

ADDENDUM No. 2
BID No. 21-18
INTERNET SERVICE PROVIDER

NOTICE TO ALL BIDDERS

This addendum is attached to and made a part of the above entitled specifications for Fresno Unified School District with a scheduled bid due date of **January 12 21, 2021 prior to 3:01 PM**. All changes and/or clarifications will appear in **bold** type and deletions will be struck out in revised sentences. Incorporate the following in your bid response.

I. REFERENCE: Page 1, NOTICE TO BIDDERS

Change: The bid due date has been changed. Scope of work on Section A has been updated.

Bid responses will be received prior to ~~3:01 PM~~ on Tuesday, January 12 21, 2021 in the Purchasing Department. This bid consists of two (2) single distinct services to be awarded separately by section. Bid responses must be sealed, marked with the bid number and title, applicable section, and returned to the Purchasing Department of Fresno Unified School District, 4498 N. Brawley Avenue, Fresno CA 93722. Bid responses received later than the designated time and date will not be accepted. Facsimile (FAX) or emailed copies of the bid response will not be allowed. Each bid section will be opened and read aloud immediately following its designated due time below:

- Section A: Internet Access ~~with Data Transport~~ **Only** Prior to 3:01 PM
- Section B: Internet Access Only Prior to 3:31 PM

Award will be to the lowest responsive, responsible bidder based on 5-year total internet service cost per Section. Each section will be awarded separately which may result in multiple vendors being awarded contracts. Bidders may bid either Section A, or Section B, or both Sections.

II. REFERENCE: SECTION A. BID INSTRUCTIONS, C. PRE-BID CONFERENCE

Add: Bidders shall incorporate items into bid proposals

Mandatory Pre-Bid Conference Call Attendance Sheet attached. All Prime Bidders must have participated in the conference call for bid to be accepted.

ADDENDUM No. 2 (continued)
BID No. 21-18
INTERNET SERVICE PROVIDER

III. REFERENCE: SECTION C. SERVICE REQUIREMENTS

Change: Update of Technical Requirements, change of scope for Section A, and address correction for Section B.

Technical Requirements. Fresno Unified School District is seeking an aggregate, load balanced Internet Access solution of 80Gbps in years 1-3 increasing to 200Gbps in years 4 and 5. This will be achieved by utilizing two different paths of transport into the District's Ed Center where the total Internet Access will be shared by all eligible entities in the District. The two scenarios for which bids are being sought are described below. Section A and Section B will be bid separately, evaluated independently, and awarded to one or more service providers.

CENIC runs the California Statewide K12 High Speed Network and R&E Network. The District participates in the benefits of connecting to the Statewide network for Internet Access. The district is assigned by CENIC, 3 x Class C Internet Routable IP ranges. The size of these address range is necessary given the district's scope and scale, the number of publicly accessible services, and the sheer scope of student/staff computers and their respective user sessions. It would be a substantial cost and effort to migrate the public addresses and the internal configurations for NAT/PAT on firewalls, load-balancers and related cloud service configurations. It would also be an additional cost for the district if it had to source 3 x Class C Internet Routable IP ranges.

Section A: Scope of Services for Internet Access ~~with Data Transport~~ ONLY

The district requests Internet Access **and using existing** Data Transport. Internet Access must integrate with District's existing public address space, domains, and other pertinent configuration items; provide primary and secondary DNS hosting if requested by District; and provide web site and/or API to monitor bandwidth and status. Internet Access handoff shall be from the District Ed Center to CENIC located at the 1111 Van Ness Ave. Fresno, CA 93271. Internet Access shall support 40Gbps CIR in year 1 through year 3 and 100Gbps CIR from year 4 through year 5.

~~Data Transport connecting the District Ed Center to CENIC at 1111 Van Ness Ave. Fresno, CA 93271 with single mode LC connection supporting 40Gbps transport speeds in year 1 through year 3 and 100Gbps from year 4 through year 5.~~ **This Internet Access service shall use existing Data Transport connecting the Ed Center to the Cenic node at 1111 Van Ness Ave, Fresno, CA 93721.**

The District Ed Center is located at 2309 Tulare Street, Fresno, CA 93721.

The CENIC node is located at 1111 Van Ness Ave, Fresno, CA 93721.

Section B: Scope of Services for Internet Access ONLY

The district requests Internet Access using existing Data Transport. Internet Access shall support 40Gbps CIR in year 1 through year 3 and 100Gbps CIR from year 4 through year 5. Internet Access

ADDENDUM No. 2 (continued)
BID No. 21-18
INTERNET SERVICE PROVIDER

III. REFERENCE: SECTION C. SERVICE REQUIREMENTS (continued)

Change: Update of Technical Requirements, change of scope for Section A, and address correction for Section B.

must integrate with District's existing public address space, domains, and other pertinent configuration items; provide primary and secondary DNS hosting if requested by District; and provide web site to

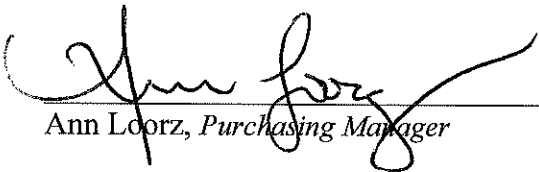
monitor bandwidth and status. Internet Access handoff shall be from the District Ed Center to the CENIC node located at ~~1320 N. Mariposa St. Fresno, CA 93703~~ **2480 E. Floradora, Fresno, CA 93703.**

This Internet Access service shall use existing Data Transport connecting the District Ed Center to the CENIC node at ~~1320 N. Mariposa St. Fresno, CA 93703~~ **2480 E. Floradora, Fresno, CA 93703.**

The District Ed Center is located at 2309 Tulare Street, Fresno, CA 93721.

The CENIC node is located at ~~1320 N. Mariposa St., Fresno, California, 93703~~ **2480 E. Floradora Fresno, CA 93703.**

Acknowledge receipt and understanding of this addendum in designated area of Proposal Signature Page Form.


Ann Looz, Purchasing Manager

**Pre-Bid Conference
Bid 21-18
Internet Service Provider**

Pre-Bid Date: December 14, 2020 1:00 p.m.

District Address	Conference Location	District Contact
Fresno Unified School District Purchasing Department 4498 N. Brawley Ave Fresno CA 93722	Skype Purchasing Department 4498 N. Brawley Ave Fresno, CA 93722	Edward Van Patten, Buyer II 4498 N. Brawley Ave Fresno CA 93722 559-457-3583

Contractor Information	Phone Number	Fax Number
Company Name and Address: CVIN / Vast Networks Contact Name: Mike Stewart E-Mail: mstewart@vastnetworks.com	559-554-9111	
Company Name and Address: Comcast Contact Name: Matt Dumont E-Mail: matt_dumont@comcast.com		
Company Name and Address: Fresno County Superintendent of Schools Contact Name: Raj Sra E-Mail: rsra@fcoe.org	559-265-3017	
Company Name and Address: Comcast Contact Name: Denece Alisio E-Mail: Denece_Alisio@comcast.com	925-315-0655	
Company Name and Address: Fresno Unified School District Contact Name: Ann Loorz E-Mail: ann.loorz@fresnounified.org	559-457-3582	
Company Name and Address: Fresno Unified School District Contact Name: Philip Neufeld E-Mail: philip.neufeld@fresnounified.org	559-457-3180	
Company Name and Address: Fresno Unified School District Contact Name: Edward Collins E-Mail: edward.collins@fresnounified.org	559-457-3467	
Company Name and Address: CSM Consulting Contact Name: Kim Friends E-Mail: kfriends@csmcentral.com	909-652-9104	