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November 30, 2020

ADDENDUM No. 3

RFP No. 21-13

STUDENT INTERNET SERVICE BEYOND CAMPUS – WIRELESS BROADBAND SOLUTION

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 proposal due date of **December 10, 2020 prior to 2:01 PM** for Step 3 Pricing and Component Submittal. 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 37, Appendix 2 - Performance Expectations

Replace: New Minimum Performance Specifications

The District takes no exceptions to Vendors submitted high level design concepts and minimum specifications performance. Based on Step 2 submittals, replace page 37, Performance Expectations with attached Minimum Performance Specifications.

II. REFERENCE: Page 19, RFP Required Submittals for Each Step, Step 3: Cost Proposal & Components Listing.

Add: Incorporate statement and submittal documents into RFP responses.

Vendor responses shall demonstrate best geographic reach, penetration into housing units, and bandwidth per student user across high schools, middle schools, and elementary schools on a proposed budget of \$1.4 million dollars. Responses shall also include annual maintenance and operation costs for 5 years. District acknowledges the budget for this project may not be sufficient to cover all the schools listed in Appendix 1.

See attached revised RFP Submittal Check List and Pricing Worksheet to be submitted with RFP response. In addition, Addendum No. 2 Student Hot Spots location (.kmz file) is being redistributed.

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



Edward Collins, Executive Director of Purchasing

SUBMITTAL CHECK LIST

The listed documents below are required to be provided as part of your submittal

Step 1:

- Completed Pre-qualification Questionnaire including submittal of Sample Operations and Maintenance Agreement and Sample Design and Performance Specification

Step 2:

- High-level Design and Performance Specifications submittal for approval

Step 3:

- Pricing proposal including Final Scope of Work, List of Components, Pricing
- Non-Collusion Declaration Form
- No Prohibited Interest/Conflicts of Interest Declaration Form
- Workers Compensation Form
- Iran Contracting Act Certification Declaration
- Designated Subcontractor List
- Prevailing Wage Certification
- Certification Regarding Lobbying
- Disclosure of Lobbying Activities
- Debarment, Suspension, and Other Responsibility Matters
- Proposal Signature Page Form
- Prime Point of Contact Form
- Price Worksheet**

APPENDIX 2

MINIMUM PERFORMANCE SPECIFICATIONS

1. CBRS or mmWave should reach between .5 and 1 mile to either light poles and/or customer premises (“customer premise” is the housing unit where student resides).
2. Bandwidth to Students’ End Points (e.g., laptop) should be a minimum of 2Mbps up and 10Mbps down.
3. Poles and/or masts
 - a) Preference is that poles or masts at school sites accommodate at least two types of radios for future expansion beyond a single protocol/spectrum such as CBRS radios as well as mmWave radios or EBS radios.
 - b) Poles or masts must be tall enough to reach proximal light poles.
 - c) Poles or masts should not require local county permits nor DSA approval.
4. Reach of Wi-Fi from light poles should target a range of 150 to 300 feet.
5. Signal to housing unit must be able to penetrate building construction with either CBRS, Wi-Fi signal, or ensure penetration through last-yard solution like ethernet powerline to Mesh Wi-Fi.
6. Each school site, when fully deployed, should support between 72 and 288 concurrent student connections, serving students within .5 to 1 miles of the school site
7. Customer Premise Equipment (at housing unit where student resides)
 - a) Preference is minimal customer premise equipment at housing units.
 - b) Preference, where CPE is required, is towards units internal to housing unit rather than external.
 - c) Preference, where CPE is required, is towards non-permanent, non-attached equipment.
8. Preferred solution is CBRS broadcast from school site to CBRS/Wi-Fi at light pole, with possible meshed CBRS radios between light poles, and/or CBRS directly to CPE at housing units.

**RFP 21-13 STUDENT INTERNET SERVICE BEYOND CAMPUS: WIRELESS BROADBAND SOLUTION
PRICING WORKSHEET**

Please include this pricing worksheet with your RFP submittal. Enter component, description, quantity, and price for each item. Each group should include the respective labor for the installation of items listed.

Each

EQUIPMENT AND INSTALLATION

School Site: Radio Hardware						
Component	Description	Qty	Price (ea)	Price Total	Installation	Total
				\$0.00		\$0.00
				\$0.00		\$0.00
				\$0.00		\$0.00
				\$0.00		\$0.00
				\$0.00		\$0.00
Sub Total:				\$0.00	\$0.00	\$0.00

School Site: Towers and/or Masts and Interconnect to LAN						
Component	Description	Qty	Price (ea)	Price Total	Installation	Total
				\$0.00		\$0.00
				\$0.00		\$0.00
				\$0.00		\$0.00
				\$0.00		\$0.00
				\$0.00		\$0.00
Sub Total:				\$0.00	\$0.00	\$0.00

Light Poles: Radio and/or Wi-Fi Hardware						
Component	Description	Qty	Price (ea)	Price Total	Installation	Total
				\$0.00		\$0.00
				\$0.00		\$0.00
				\$0.00		\$0.00
				\$0.00		\$0.00
				\$0.00		\$0.00
Sub Total:				\$0.00	\$0.00	\$0.00

CPE Equipment for Student Homes						
Component	Description	Qty	Price (ea)	Price Total	Installation	Total
				\$0.00		\$0.00
				\$0.00		\$0.00
				\$0.00		\$0.00
				\$0.00		\$0.00
				\$0.00		\$0.00
Sub Total:				\$0.00	\$0.00	\$0.00

Miscellaneous Section (additional components, design, engineering, etc...)						
Component	Description	Qty	Price (ea)	Price Total	Labor	Total
				\$0.00	\$0.00	\$0.00
				\$0.00	\$0.00	\$0.00
				\$0.00	\$0.00	\$0.00
				\$0.00	\$0.00	\$0.00
				\$0.00	\$0.00	\$0.00
Sub Total:				\$0.00	\$0.00	\$0.00

Sales Tax 7.975%:	\$0.00	
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Additional Installation: (not including any installation amounts referenced above)		\$0.00
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Components and Installation Total:	\$0.00	\$0.00	\$0.00
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ONGOING MAINTENANCE AND OPERATIONS

List Annual Subscriptions/Licenses						
Subscription Services (EPC, SAS, radios, etc...) - enter Year 1 cost for cost modeling only, this cost is not included in the Grand Total (Informational Only)						
Component	Description	Qty	Price (ea)	Price Total	Installation	Total
				\$0.00		\$0.00
				\$0.00		\$0.00
				\$0.00		\$0.00
				\$0.00		\$0.00
				\$0.00		\$0.00
Sub Total:				\$0.00		\$0.00

Total Maintenance and Operations Fees including required Licenses/Subscriptions		
EPC/SAS Subscription, CPE Subscriptions (if any), RRH Subscriptions, and any other maintenance required		
Year	Description	Cost
Year 1		
Year 2		
Year 3		
Year 4		
Year 5		
Total:		\$0.00

GRAND TOTAL FOR IMPLEMENTATION AND ONGOING M&O	\$0.00
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