



**2022-2023 TEA Online Testing Infrastructure Matching Grant
Letter of Interest (LOI) Application Due 11:59 p.m. CT, April 04, 2022**

NOGA ID [Redacted]

Authorizing legislation

Article III, Rider 85, 87th Texas Legislature, Contingency For Senate Bill 1171

This LOI application must be submitted via email to loiapplications@tea.texas.gov.

The LOI application may be signed with a digital ID or it may be signed by hand. Both forms of signature are acceptable.

TEA must receive the application by **11:59 p.m. CT, April 04, 2022**.

Application stamp-in date and time

Grant period from

June 06, 2022-March 31, 2023

Required Attachments

1. Excel workbook with the grant's budget schedules (linked along with this form on the TEA Grants Opportunities page)
2. Campus-level Program Planning Attachment (linked along with this form on the TEA Grants Opportunities page)
3. PDF copy of FCC Form 471 for E-Rate F22 (As discussed in Program Guidelines)

Amendment Number

Amendment number (For amendments only; enter N/A when completing this form to apply for grant funds):

Applicant Information

Organization CDN Campus ESC DUNS

Address City ZIP Vendor ID

Primary Contact Email Phone

Secondary Contact Email Phone

Certification and Incorporation

I understand that this application constitutes an offer and, if accepted by TEA or renegotiated to acceptance, will form a binding agreement. I hereby certify that the information contained in this application is, to the best of my knowledge, correct and that the organization named above has authorized me as its representative to obligate this organization in a legally binding contractual agreement. I certify that any ensuing program and activity will be conducted in accordance and compliance with all applicable federal and state laws and regulations.

I further certify my acceptance of the requirements conveyed in the following portions of the LOI application, as applicable, and that these documents are incorporated by reference as part of the LOI application and Notice of Grant Award (NOGA):

- LOI application, guidelines, and instructions
- Debarment and Suspension Certification
- General and application-specific Provisions and Assurances
- Lobbying Certification

Authorized Official Name Title

Email Phone

Signature Date

Shared Services Arrangements

Shared services arrangements (SSAs) are permitted for this grant. **Check the box below if applying as fiscal agent.**

- The LEA or ESC submitting this application is the fiscal agent of a planned SSA. All participating agencies will enter into a written SSA agreement describing the fiscal agent and SSA member responsibilities. All participants understand that the "Shared Services Arrangement Attachment" must be completed and signed by all SSA members, and submitted to TEA before the NOGA is issued.

Statutory/Program Requirements

Please select the type of opportunity being applied for. Select one of the following:

- Select this box if applying for Tier 1
- Select this box if applying for Tier 2

Statutory/Program Assurances

The following assurances apply to this program. In order to meet the requirements of the program, the applicant must comply with these assurances.

Check each of the following boxes to indicate your compliance.

1. The applicant provides assurance that the application does not contain any information that would be protected by the Family Educational Rights and Privacy Act (FERPA) from general release to the public.
2. The applicant provides assurance to adhere to all the Statutory and TEA Program requirements as noted in the 2022-2023 TEA Online Testing Infrastructure Matching Grant Program Guidelines.
3. The applicant provides assurance to adhere to all the Performance Measures, as noted in the 2022-2023 TEA Online Testing Infrastructure Matching Grant Program Guidelines, and shall provide to TEA, upon request, any performance data necessary to assess the success of the program.
4. The applicant provides assurance that FCC Form 471 meets the FY2022 E-Rate application standard.
5. The applicant provides assurance that the data provided in the Campus-level Program Planning Attachment is substantiated by the information listed in the FCC Form 471.
6. The applicant provides assurance that it plans to apply or has already applied for FY2022 E-Rate funding.
7. The applicant provides assurance that it has used the [Cambium Network Diagnostics](#) tool to evaluate and report campus eligibility for the funds.
8. The applicant provides assurance that it has only requested funds for campuses that do not currently have the minimum testing bandwidth.
9. The applicant provides assurance that it plans to achieve minimum testing bandwidth by the anticipated project completion date as specified in the Campus-level Program Planning Attachment.

Summary of Program

Provide an overview of the program to be implemented with grant funds. Include the overall mission and specific needs of the organization. Describe how the program will address the mission and needs.

Texas Education Agency's Online Testing Infrastructure Matching Grant allows Hooks ISD to purchase and implement infrastructure upgrades necessary to support internal connections for online testing. This grant will provide stable connections for 2 of our 3 campuses. 72% of the students on these two campuses will benefit the first year of the grant on the STAAR tests and allow the PreK-2nd grade students the connectivity in future grades.

Our high school campus will have a wireless controller, 1 uplink switch, 23 switches, and 20 access points replaced. An additional 16 access points will be added to help support the need of additional bandwidth in classrooms to have the means of all online testing in the 2023 school year. The current infrastructure is over 10 years old and does not support the bandwidth needed for the amount of state and college testing needed for 9th-12th grade. Based on the cambium test, currently we have an average of 0.0Mbps bandwidth per student currently and will increase to 1.0Mbps with the upgrades. We have between 300-375 students that take EOC tests 9th-12th grade.

The elementary campus currently has a wireless controller, 1 uplink switch, 7- 48 port switches, and 20 access points installed in 2005 that we will replace and an additional 11 access points will be installed. The project will increase bandwidth per student tester from 0.5Mbps to 1.8Mbps. Our elementary campus has 113 students out of 300 that will be required to take the STAAR test online plus additional mandated tests for prekindergarten through 2nd grade that are also online.

The equipment will increase our bandwidth speeds throughout these campuses to allow for more reliable connectivity for all students testing.

Qualifications and Experience for Key Personnel

Outline the required qualifications and experience for primary project personnel and any external consultants projected to be involved in the implementation and delivery of the program. Include whether the position is existing or proposed.

Title and Responsibilities of Position	Required Qualifications and Experience
Keith Minter- Superintendent- overseeing installation and configuration, previously district E-Rate personnel and technology director.	Certification: A+, Net+, iNet+, Microsoft MCSE, CISCO CCNP/DP, CISCO VOIP, CISCO Wireless, CISCO Security Installed, configured, overseen current infrastructure and networks
Taylor Clements- Federal and Special Programs Coordinator, District E-Rate personal, District Testing Coordinator, Instructional Technology Coordinator	E-Rate personal- 3 years,
Purple Guys- E-Rate Vendor- providing equipment, engineering design, installation and testing, network documentation, removal of old equipment	IT provider since 1994. Has installed and updated current infrastructure and networks. Provides district IT services.

Goals, Objectives, and Strategies

Describe the major goals/objectives of the proposed program. What activities/strategies will be implemented to meet those goals/objectives?

Hooks ISD has the same goal for elementary and high school, to increase bandwidth to support online testing. To reach this goal, we need to replace switches and access points that are out dated and do not provide the connectivity needed to run the Cambium platform. Additional access points are needed to allow the amount of connections needed for the number of testers. We anticipate bandwidth speeds at the elementary of 1.8Mbps per tester and 0.9 Mbps at the high school.

All equipment will be installed into our existing infrastructure and will be installed by online testing in Spring 2023.

This year, through E-Rate bidding, we changed internet providers to increase our internet from 1G to 10G. Over the past 3 school years, we replaced servers at all campuses, switches and access points at our junior high campus, and increased cyber-security measures district wide.

We have also increased the number of mobile devices on all of our campuses during COVID. Chromebooks and wireless testing provided benefits for the technology department and students who had more freedom in locations and group size to accommodate all of our students' individual needs to be successful on testing.

Performance and Evaluation Measures

Describe the performance measures identified for this program which are related to student outcomes and are consistent with the purpose of the program. Include the tools used to measure performance, as well as the processes that will be used to ensure the effectiveness of project objectives and strategies.

If awarded the funds, Hooks High School and Hooks Elementary school will have bandwidth of at least 500 Kpbs per concurrent tester by the anticipated grant completion date. All students at these campuses will test online for STAAR summative testing for December 2022 EOC and Spring 2021 3-8 STAAR exams.

Once new internal connections are installed, the technology team will ensure bandwidth by using the Cambium Network Diagnostics Tool.

The vendor awarded the E-Rate proposal will order all equipment at the time we receive approval from E-Rate which typically happens between July and October. All equipment, is currently in stock at the time of this grant application, and will be installed for Hooks ISD to meet timelines for testing.

Budget Narrative

Describe how the proposed budget will meet the needs and goals of the program, including for staffing, supplies and materials, contracts, travel, etc. If applicable, include a high-level snapshot of funds currently allocated to similar programs. Include a short narrative describing how adjustments will be made in the future to meet needs.

The proposed budget will meet the needs and goals of Hooks ISD and TEA to have all students testing online with a minimum bandwidth of 500Kmps. The infrastructure at the high school and elementary campus does not currently support required bandwidth

Our district's long-range technology plan has allowed us to upgrade multiple Tier 1 connectivity projects over the past 10 years. We have utilized E-Rate funding, district funds, and additional federal and state funding through grants to make improvements on all campuses. Due to the rural and spread out locations of our campuses, we have had to install our own fiber due to the lack of internet access at our junior high campus. We have updated our central data center's servers and switching infrastructure within the past 3 years. Increasing cybersecurity was a budgeting priority in 2020 due to many area schools were attacked. We has also purchased 300+ new student devices, replaced labs on a revolving schedule, and replaced 100 teacher devices to provide students flexible and innovated learning opportunities that prepares them for their next chapter after high school. We will continue planning long-term technology goals and adjust device cycles as needed. We have applied for two rounds of the Emergency Connectivity Grant for all three campuses and are currently waiting for the response.

Hooks Elementary School has 320 students total and 113 are testers. The current bandwidth is 0.0 Mbps per Cambium testing and the CLPPA, but will improve to 0.9 Mbps if we receive these Tier 2 upgrades. This will allow students to successfully test online. The campus total project is \$164,779.15 and E-Rate will discount it \$131,823.32 leaving the district to pay \$32,955.83.

Hooks High School has 318 students and all are online testers. The current bandwidth is 0.5 Mbps per Cambium testing and will improve to 0.9 Mbps if we are able to increase the access points throughout the campus. This will allow students to successful test online. The campus total project is \$63,875.09 and E-Rate will discount it \$15,968.77 leaving the district to pay \$7,984.39

Appendix I: Amendment Description and Purpose (leave this section blank when completing the initial application for funding)

An amendment must be submitted when the program plan or budget is altered for the reasons described in the "When to Amend the Application" document posted on the [Administering a Grant](#) page. The following are required to be submitted for an amendment: (1) Page 1 of the application with updated contact information and current authorized official's signature and date, (2) Appendix I with changes identified and described, (3) all updated sections of the application or budget affected by the changes identified below, and, if applicable, (4) Amended Budget Request. Amendment Instructions with more details can be found on the last tab of the budget template.

You may duplicate this page

Amended Section	Reason for Amendment
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