



2020-2021 Technology Lending Grant
COMPETITIVE GRANT Application Due 5:00 p.m. CT, January 9, 2020

NOGA ID

Authorizing legislation

General Appropriations Act, Article III, Rider 8, 86th Texas Legislature; TEC 32.301

Applicants must submit one original copy of the application and two copies of the application (for a total of three copies of the application). All three copies of the application MUST bear the signature of a person authorized to bind the applicant to a contractual agreement. **Applications cannot be emailed.** Applications must be received no later than the above-listed application due date and time at:

Document Control Center, Grants Administration Division
Texas Education Agency
1701 N. Congress Avenue
Austin, TX 78701-1494

Application stamp-in date and time

RECEIVED
TEXAS EDUCATION AGENCY
2020 JAN -9 PM 3:01
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GRANTS ADMINISTRATION

Grant period from

April 6, 2020 to August 31, 2021

☒ Pre-award costs are not permitted.

Required Attachments

Applicants must submit a locally-approved technology plan that is valid for the 2020-2021 school year.

Amendment Number

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

Applicant Information

Organization **Carrollton-Farmers Branch ISD** CDN **057-903** Vendor ID **756000328** ESC **10** DUNS **N/A**
Address **1445 North Perry Rd** City **Carrollton** ZIP **75006** Phone **972-968-6100**
Primary Contact **Scott Monroe** Email **monroes@cfbisd.edu** Phone **972-968-4300**
Secondary Contact **Dr. Robin Ward Stout** Email **stoutr@cfbisd.edu** Phone **469-900-5728**

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 grant application, as applicable, and that these documents are incorporated by reference as part of the grant application and Notice of Grant Award (NOGA):

- ☒ Grant application, guidelines, and instructions ☒ Debarment and Suspension Certification
☒ General Provisions and Assurances ☒ Lobbying Certification
☒ Application-specific Provisions and Assurances ☒ ESSA Provisions and Assurances requirements

Authorized Official Name **Dr. John Chapman** Title **Superintendent**
Email **chapmanj@cfbisd.edu** Phone **972-968-6101**
Signature  Date **01/09/2020**

Grant Writer Name **Dr. Robin Ward Stout** Signature  Date **01/09/2020**

☒ Grant writer is an employee of the applicant organization. ☐ Grant writer is not an employee of the applicant organization.

RFA # **701-20-110** SAS # **469-20**

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Shared Services Arrangements☒ SSAs are not permitted for this grant.**Identify/Address Needs**

List up to three quantifiable needs, as identified in your needs assessment, that these program funds will address. Describe your plan for addressing each need.

Quantifiable Need	Plan for Addressing Need
Many students (29% of students surveyed) do not have digital connectivity in their homes to complete assignments	Continue to investigate home internet access solutions as indicated by district technology plan
23 bus routes for schools meeting grant criteria have a duration of one hour or more one-way.	Outfit indicated buses with a wireless Internet solution such as SmartBus

SMART Goal

Describe the summative SMART goal you have identified for this program (a goal that is Specific, Measurable, Achievable, Relevant, and Timely), either related to student outcome or consistent with the purpose of the grant.

Increase internet access for at-risk students by adding wireless systems to 23 buses with routes lasting more than one hour one-way. Internet access on long bus rides allows students to have additional opportunity to complete classwork outside of school and to utilize other digital content.

Measurable Progress

Identify the benchmarks that you will use at the end of the first three grant quarters to measure progress toward meeting the process and implementation goals defined for the grant.

First-Quarter Benchmark

At the end of the first quarter, benchmarks include completion of the procurement processes to purchase necessary hardware including installation and maintenance/service contracts. Data plans for the systems will also be purchased. This will be coordinated between the district finance, technology, and transportation departments. In addition principals & staff of impacted schools will be educated about the program goals and implementation plan. A training program for bus drivers and students on relevant bus routes will be created.

Measurable Progress (Cont.)

Second-Quarter Benchmark

Benchmarks for the second quarter include monitoring installation progress with the goal of all 23 buses having internet access by the end of the quarter. The training modules for bus drivers and students will be presented shortly after installation of each device. Usage data of the devices will be collected as each vehicle comes online.

Third-Quarter Benchmark

The third quarter benchmark involves collecting data in the form of student, teacher, bus driver and parent surveys about the program goals and impacts. Evaluation of usage data from devices will also be conducted.

Project Evaluation and Modification

Describe how you will use project evaluation data to determine when and how to modify your program. If your benchmarks or summative SMART goals do not show progress, describe how you will use evaluation data to modify your program for sustainability.

Usage data and survey results will be periodically examined by district and campus administration to address areas identified in surveys that demonstrate a need for improvement. Depending on the results of the reports and surveys, additional training and support will be provided as indicated. This data review team will consist of personnel from the finance, operations, technology and transportation departments from the central office. Campus administrators and designated campus representatives including teachers and students will also be invited to participate in the data review process.

Statutory/Program Assurances

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

Check each of the following boxes to indicate your compliance.

- ☒ 1. The applicant provides assurance that program funds will supplement (increase the level of service), and not supplant (replace) state mandates, State Board of Education rules, and activities previously conducted with state or local funds. The applicant provides assurance that state or local funds may not be decreased or diverted for other purposes merely because of the availability of these funds. The applicant provides assurance that program services and activities to be funded from this grant will be supplementary to existing services and activities and will not be used for any services or activities required by state law, State Board of Education rules, or local policy.
- ☒ 2. 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.
- ☒ 3. The applicant provides assurance to adhere to all Statutory Requirements and TEA Program Requirements as noted in the 2020-2021 Technology Lending Grant Program Guidelines.
- ☒ 4. The applicant provides assurance to adhere to all Performance Measures, as noted in the 2020-2021 Technology Lending Grant Program Guidelines, and shall provide the Texas Education Agency, upon request, any performance data necessary to assess the success of the program.
- ☒ 5. The applicant provides assurance that funds provided under the Instructional Materials Allotment (IMA) or other funding are insufficient to purchase enough lending technology for every student who needs dedicated access to a device.
- ☒ 6. The applicant provides assurance that it will provide access to lending technology and residential access to the internet for students, including economically disadvantaged students and students with disabilities, who do not already have either the needed equipment or internet service for learning at home.
- ☒ 7. The applicant assures that infrastructure and technical support are adequate to support students' use of loaned equipment provided through the grant at its participating campus(es).
- ☒ 8. The applicant assures that it will provide adequate staff to administer the program and ensure successful implementation.
- ☒ 9. The applicant assures that it will account for the technology lending equipment in accordance with district policy for accounting for such equipment, including providing insurance when insurance is typically provided for such equipment. The applicant understands that the grant funds cannot be used to replace lost, stolen, or damaged equipment.
- ☒ 10. The applicant assures that it will obtain a Technology Lending Agreement signed by the parents/guardian of each participating student and by the student participating in the program, including an assurance of student's mastery of the grade-appropriate Digital Citizenship strand of the Technology Applications Texas Essential Knowledge and Skills.
- ☒ 11. The applicant assures that it will show evidence of a current local technology plan on participating campuses by submitting an attachment of the LEA's locally-approved technology plan.
- ☒ 12. The applicant assures that technology lending and use of electronic instructional materials are incorporated into the LEA's technology plan.

Statutory Requirements

1. Describe the availability of existing equipment to students in the LEA and other funding available for the purchase of student technology devices.

The district currently provides Chromebooks to students in grades 2-12 and iPads to students in Kindergarten and first grade. There are approximately 4,700 iPads and 18,000 Chromebooks deployed throughout the district. The district is working towards the goal of being fully 1:1. This initiative has been in progress for four years and was funded using a combination of local, bond, and instructional materials allotment funds.

Program Requirements

1. Describe a plan for providing internet access to student residences, residential center, and/or on buses that transport students for whom a single ride lasts, on average, at least an hour for students with the highest need for off-campus internet access.

A needs analysis indicated 14 campuses meeting the socio-economic grant criteria that also have one-way bus route(s) lasting one hour or more. There are 23 buses involved with these routes. The district is currently in the process of gathering information and pricing for outfitting these buses with wireless internet systems to provide these students an additional opportunity to complete classwork and access digital materials outside of school. These pricing estimates are included in the request for grant funds section of this application. The technology, finance, and transportation departments are collaborating to install wireless internet hardware and provide data plans. The departments are also creating training materials and a support plan for the bus drivers, teachers, and students that will be on these buses. The ultimate goal for the district is to outfit all buses with wireless internet systems to provide equitable access to all students.

Program Requirements

2. Describe how the lending program aligns with current curriculum, instruction, and classroom management policies and/or practices on its participating campus(es).

The 2019-20 District Improvement Plan lists several action strategies that are relevant to this program:

"Integrate technology into the instructional program by embedding in CoL and supporting integration with coaches and specialists"; "Continue district-owned mobile device initiative until district reaches 1:1 access"; "Create differentiated digital learning activities and performance tasks within the curriculum; include student research skills."

In addition, the 2016-2023 District Technology Plan, based on State Board of Education 2018-2023 Long-Range Plan for Technology, includes goals for "high efficiency for uninterrupted learning and operations" (robust infrastructure) and "access and mobility for any time, any place, any pace learning" (equitable access). The district strives to "increase access to digital learning tools and innovative programming for digital learners."

3. Describe how the district is using digital instructional materials in one or more foundation curriculum subject area(s) for one or more grade level(s).

CFBISD utilizes digital instructional materials at all levels and in most of the foundation curriculum subject areas. Science and math instructional materials are completely digital from Kindergarten through 12th grade. All of the Advanced Placement courses in our high schools have digital instructional materials in all subject areas. Many of our supplemental instructional materials are digital for students to read, research and explore – for example we have ebooks and digital instructional databases for all levels for students to utilize anytime, anyplace they have internet access. Other examples of digital instructional materials include Handwriting Without Tears for primary students, Pearson Math products for students in grades 6-8, and ST Math for students in kindergarten through 8th grade.

Program Requirements (Cont.)

4. Describe how infrastructure and technical support is adequate to support students' anticipated use of devices provided through the grant at its participating campus(es).

The district owns 52 miles of dark fiber which enables each campus to connect at 10G back to the Network Operations Center. At the NOC we have 2 ISP's that total 10G of bandwidth (upgrading to 40G for 2020-2021 school year). Schools and instructional classrooms throughout the district have wireless access to accommodate the 25,000 mobile device (Chromebook and iPads). The District Technology Services Team encompasses 14 Computer Technicians, 4 on the Service Desk and 5 Network Engineers. Together we support the digital tools (mobile devices, Chromebooks, iPads) to successfully help students learn more and achieve more through technology.

5. Describe how the grant will be administered on participating campus(es), including a description of how the check-out and check-in process will operate, who will oversee the check-out process, especially in cases of competing need, and the process that will be used to maintain the technology lending equipment in proper working condition.

Because the wireless access systems are permanent installations on the buses, there will be no checkout process. The hardware will be maintained by entering into a maintenance contract with the vendor for applicable parts and by district technology and transportation personnel for anything not covered under a service contract.

Campus Name and Identification Information (can change to another title)

Enter the Campus Name and Campus Identification Number (CID) of the participating campus(es). Please use the exact name and CID from the 2018-2019 Campus Report data from the Texas Student Data System Public Education Information Management System (TSDS PEIMS) accessible on the TEA website at <https://tea.texas.gov/2019accountability.aspx>. Use the downloadable [overview of statewide ratings](#) data available in Microsoft Excel. If the campus name has changed (but not the CID), include the new name in parenthesis. If both the campus name and the CID do not match the referenced eligibility list, the campus is not eligible.

1. Campus Name	LANDRY EL	Campus Number	57,903,121
2. Campus Name	DAVIS EL	Campus Number	57,903,113
3. Campus Name	BLANTON EL	Campus Number	57,903,110
4. Campus Name	PERRY MIDDLE	Campus Number	57,903,042
5. Campus Name	EARLY COLLEGE H S	Campus Number	57,903,010
6. Campus Name	POLK MIDDLE	Campus Number	57,903,046
7. Campus Name	MCKAMY EL	Campus Number	57,903,124
8. Campus Name	TURNER H S	Campus Number	57,903,001
9. Campus Name	SMITH H S	Campus Number	57,903,002
10. Campus Name	BUSH MIDDLE	Campus Number	57,903,047

Campus Name and Identification Information (can change to another title)

Enter the Campus Name and Campus Identification Number (CID) of the participating campus(es). Please use the exact name and CID from the 2018-2019 Campus Report data from the Texas Student Data System Public Education Information Management System (TSDS PEIMS) accessible on the TEA website at <https://tea.texas.gov/2019accountability.aspx>. Use the downloadable [overview of statewide ratings](#) data available in Microsoft Excel. If the campus name has changed (but not the CID), include the new name in parenthesis. If both the campus name and the CID do not match the referenced eligibility list, the campus is not eligible.

1. Campus Name	<input type="text" value="STARK EL"/>	Campus Number	<input type="text" value="57,903,106"/>
2. Campus Name	<input type="text" value="RIVERCHASE ELE"/>	Campus Number	<input type="text" value="57,903,123"/>
3. Campus Name	<input type="text" value="CREEKVIEW HS"/>	Campus Number	<input type="text" value="57,903,006"/>
4. Campus Name	<input type="text" value="RANCHVIEW H S"/>	Campus Number	<input type="text" value="57,903,007"/>
5. Campus Name	<input type="text"/>	Campus Number	<input type="text"/>
6. Campus Name	<input type="text"/>	Campus Number	<input type="text"/>
7. Campus Name	<input type="text"/>	Campus Number	<input type="text"/>
8. Campus Name	<input type="text"/>	Campus Number	<input type="text"/>
9. Campus Name	<input type="text"/>	Campus Number	<input type="text"/>
10. Campus Name	<input type="text"/>	Campus Number	<input type="text"/>

Request for Grant Funds

List all of the allowable grant-related activities for which you are requesting grant funds. Include the amounts budgeted for each activity. Group similar activities and costs together under the appropriate heading. During negotiation, you will be required to budget your planned expenditures on a separate attachment provided by TEA.

PROFESSIONAL AND CONTRACTED SERVICES (6200)

Installation for 23 wireless internet systems	<input type="text" value="7,000"/>
Monthly data plan (23 buses) for the entire school year	<input type="text" value="30,000"/>
Maintenance/upkeep/service contract for devices	<input type="text" value="20,000"/>
<input type="text"/>	<input type="text"/>

SUPPLIES AND MATERIALS (6300)

23 wireless internet systems for school buses	<input type="text" value="35,000"/>
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OTHER OPERATING COSTS (6400)

<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

CAPITAL OUTLAY COSTS (6600)

<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Total Direct Costs

Indirect Costs

TOTAL BUDGET REQUEST (Direct Costs + Indirect Costs)