



Organization: 02 Region II ESC
 Campus/Site: N/A
 Vendor ID: 1741587916

County District: 178950
 ESC Region: 02
 School Year: 2026-2027

SAS#: TMSTEM26

2026-2027 Texas Mobile STEM Laboratory Program Grant Application

General Information GS2000 - Certify and Submit

Due: 01/12/2026 11:59 PM
 Application Status: Submitted

Amendment #: 00
 Version #: 01

Description	Required	Status	Last Update
General Information			
GS2100 - Applicant Information	*	Complete	01/07/2026 10:49 AM
GS2300 - Negotiation Comments and Confirmation		New	
Program Description			
PS3013 - Program Plan	*	Complete	01/07/2026 10:50 AM
PS3014 - Program Narrative	*	Complete	01/08/2026 11:09 AM
Program Budget			
BS6001 - Program Budget Summary and Support		Complete	01/08/2026 11:34 AM
BS6101 - Payroll Costs		Complete	01/08/2026 11:38 AM
BS6201 - Professional and Contracted Services		Complete	01/08/2026 11:39 AM
BS6401 - Other Operating Costs		Complete	01/08/2026 11:42 AM
BS6501 - Debt Services		Complete	01/08/2026 11:43 AM
BS6601 - Capital Outlay		Complete	01/08/2026 11:43 AM
Provisions Assurances and Certifications			
CS7000 - Provisions, Assurances and Certifications	*	Complete	01/08/2026 11:44 AM

Certification and Incorporation Statement

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 further certify that any ensuing program and activity will be conducted in accordance with all applicable Federal and State laws and regulations; application guidelines and instructions; the general provisions and assurances, debarment and suspension certification, lobbying certification requirements, special provisions and assurances, and the schedules submitted. It is understood by the applicant that this application constitutes an offer and, if accepted by the Texas Education Agency or renegotiated to acceptance, will form a binding agreement.

Authorized Official Select Contact: or

First Name: Robert	Initial:	Last Name: Martinez	Title: Science Specialist
Phone: 361-561-8587	Ext:	E-Mail: robert.martinez@esc2.us	

Submitter Information

First Name: Cristina	Last Name: Sandoval
Approval ID: cristina.sandoval	Submit Date and Time: 01/08/2026 11:47:12 AM



Organization: 02 Region II ESC
Campus/Site: N/A
Vendor ID: 1741587916

County District: 178950
ESC Region: 02
School Year: 2026-2027

SAS#: TMSTEM26

2026-2027 Texas Mobile STEM Laboratory Program Grant Application

General Information GS2100 - Applicant Information

Part 1: Organization Information

A. Applicant
Organization Name: 02 Region II ESC
Mailing Address Line 1: 209 N WATER ST
Mailing Address Line 2:
City: Corpus Christi State: TX Zip Code: 78401-null

B. Unique Entity Identifier (SAM)
UEI (SAM):

Part 2: Applicant Contacts

A. Primary Contact	Select Contact: Select One ▼ or
Add New Contact	
First Name: Robert Initial: Last Name: Martinez	
Title: Science Specialist	
Telephone: 361-561-8587 Ext.: E-Mail: robert.martinez@esc2.us	

B. Secondary Contact	Select Contact: Select One ▼ or
Add New Contact	
First Name: Dominique Initial: Last Name: Janeway	
Title: Math Specialist	
Telephone: 361-561-8512 Ext.: E-Mail: dominique.janeway@esc2.us	



Organization: 02 Region II ESC
Campus/Site: N/A
Vendor ID: 1741587916

County District: 178950
ESC Region: 02
School Year: 2026-2027

SAS#: TMSTEM26

2026-2027 Texas Mobile STEM Laboratory Program Grant Application

General Information GS2300 - Negotiation Comments and Confirmation

Part 1: General Comments

General Comments (TEA Use Only)

Part 2: Negotiation Items

This schedule is for TEA to document any required changes and communications to the applicant in the event this application requires negotiation. It will also require applicants to acknowledge that they have made the changes requested.

Applicants: For all negotiation notes below, please make the requested changes in the grant application itself.

- Please do check the "Change Completed" box.
- Please do not enter information in the "Grantee Comments" section, unless you are specifically instructed to do so.

Negotiation Items	
1.	<div style="display: flex; justify-content: space-between;"> <div>Date: <input type="text"/></div> <div>Schedule: <input type="text" value="Select One"/></div> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p>TEA Negotiation Note:</p> <div style="border: 1px solid black; height: 40px;"></div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div>Grantee Comments:</div> <div><input type="checkbox"/> LEA Completed Change</div> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px; background-color: #f0f0f0;"> <div style="border: 1px solid black; height: 40px;"></div> </div>

Add Row

Delete Row



Organization: 02 Region II ESC
Campus/Site: N/A
Vendor ID: 1741587916

County District: 178950
ESC Region: 02
School Year: 2026-2027

SAS#: TMSTEM26

2026-2027 Texas Mobile STEM Laboratory Program Grant Application

Program Description PS3013 - Program Plan

A. Service Area Selection

The 2026-2027 Texas Mobile STEM Laboratory Program Grant funds 8 Service Areas across the state. Please choose which area or areas you are applying for from the below selections. The Education Service Center regions associated with the Service Areas are indicated in parenthesis.

1. My organization is applying for the following Service Areas:

- Service Area 1 (ESC Regions 1 and 2)
- Service Area 2 (ESC Regions 3-5)
- Service Area 3 (ESC Regions 6, 7, 12)
- Service Area 4 (ESC Regions 8 and 10)
- Service Area 5 (ESC Regions 9 and 11)
- Service Area 6 (ESC Regions 13 and 20)
- Service Area 7 (ESC Regions 14, 16, and 17)
- Service Area 8 (ESC Regions 15, 18, and 19)

B. Statutory/Program Assurances

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

- 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 LOI 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.
- 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.
- The applicant provides assurance to adhere to all the Statutory and TEA Program requirements as noted in the 2026-2027 Texas Mobile STEM Laboratory Program Grant Program Guidelines.
- The applicant provides assurance to adhere to all the Performance Measures, as noted in the 2026-2027 Texas Mobile STEM Laboratory Program Grant Program Guidelines, and shall provide to TEA, upon request, any performance data necessary to assess the success of the program.
- The applicant assures that any Electronic Information Resources (EIR) produced as part of this agreement will comply with the State of Texas Accessibility requirements as specified in 1 Texas Administrative Code (TAC) 206, 1 TAC Chapter 213, Federal Section 508 standards, and the Web Content Accessibility Guidelines (WCAG) 2.0 level AA.



Organization: 02 Region II ESC
Campus/Site: N/A
Vendor ID: 1741587916

County District: 178950
ESC Region: 02
School Year: 2026-2027

SAS#: TMSTEM26

2026-2027 Texas Mobile STEM Laboratory Program Grant Application

Program Description PS3014 - Program Narrative

Please include complete responses for each question below.

A. Summary of Program

1. Provide an overview of the program management for the operation of the mobile lab in the targeted service area. The summary must describe the project plan, including project activities (5 pts), timelines (5 pts), budgeting (10 pts), management (10 pts), and reports to be generated during the 2026–2027 grant period, and relate them to the stated purposes and specifications of the program requirements. The summary shall include the recruiting plan to hire two full-time instructors for the laboratory including the Lead Instructor and the Novice Instructor. In addition, the budget should outline grant deliverables as well as employee insurance and coverage.

ESC-2's "High Voltage" Science Tour brings engineering education like a headlining rock concert to rural districts across Service Area 1 (ESC Regions 1 and 2). We're loading up the gear to play the "small town venues" that rarely see the "big acts" perform live. Unlike traditional programs, ESC-2 enters with a fully staffed, "Day 1 Ready" tour crew, eliminating all hiring delays.

Tour Crew (Management & Staffing)

Tour Manager: Amie Chase provides administrative oversight, managing grant compliance, budget reporting, and high-level scheduling.

The Frontman: Robert Martinez, ESC-2 Science Specialist, transitions to full-time Lead Instructor. His deep TEKS expertise ensures immediate instructional mastery.

The Roadie: Dominique Janeway serves as support instructor, handling logistics and lab safety. As a former Dean of Academics, she ensures visits aren't just "fun days" but data-driven interventions, aligning activities with Campus Improvement Plans and coaching teachers in real-time.

2. Summary of Program cont'd.

Project Plan & Timeline

Phase 1 (Spring 2026): Immediate Deployment

- With the entire crew already in place, we bypass all hiring delays
- Begin curriculum alignment immediately upon award receipt

Phase 2 (Summer 2026): Strategic Outreach:

- Initiate targeted recruitment with Priority Partner campus leadership
- Schedule the Fall tour across both regions

Phase 3 (September 2026 - May 2027): The Tour

- Execute 32 tour stops, alternating weeks between Region 1 (Rio Grande Valley) and Region 2 (Coastal Bend)
- Deliver hands-on STEM experiences aligned to TEKS
- Host Family STEM Nights with bilingual invitations

3. Summary of Program cont'd.

Targeted Venues

- Region 1 (Rio Grande Valley): Jose Borrego Preparatory Academy, Mercedes Academic Academy, Dorothy Thompson MS (Progreso ISD), Santa Maria Middle School, Runn Elementary (Donna ISD)
- Region 2 (Coastal Bend): West Oso Junior High, Premont Ernest H. Singleton Early College Academy, Falfurrias Junior High, Driscoll Middle School

Curriculum Customization

The Lead Instructor customizes lab curriculum for targeted districts. For Mercedes Academic Academy and Dorothy Thompson MS, we'll deploy "Remix" modules to specifically reinforce biology and engineering TEKS that data shows are stumbling blocks for Rio Grande Valley students.



Organization: 02 Region II ESC
Campus/Site: N/A
Vendor ID: 1741587916

County District: 178950
ESC Region: 02
School Year: 2026-2027

SAS#: TMSTEM26

2026-2027 Texas Mobile STEM Laboratory Program Grant Application

Program Description PS3014 - Program Narrative

4. Summary of Program cont'd.

Budget Management (\$225,000)

Payroll Costs (6100): \$135,000

- Service Area Manager (Tour Manager): Partial salary allocation
- Lead Instructor (The Frontman): Full-time salary
- Novice Instructor (The Roadie): Full-time salary

Professional & Contracted Services (6200): \$5,000 - External evaluators and specialized consultants

Supplies and Materials (6300): \$16,087 - STEM consumables, safety equipment, instructional resources for 32 tour stops

Other Operating Costs (6400): \$30,000 - Travel between regions, mileage, fuel, vehicle maintenance, lodging, professional development, marketing materials

Total Direct Costs: \$186,087

- Indirect Costs (20.911%): \$38,913

Total: \$225,000

5. Summary of Program cont'd.

Reporting

Monthly reports to TEA will document campus visits, student participation, teacher coaching hours, TEKS alignment, budget expenditures, performance measures, and Family STEM Night engagement. Annual comprehensive report synthesizes program impact and continuous improvement recommendations.

No Recruiting Needed - The Band's Already Together

ESC-2's unique advantage: all positions are already filled. Robert Martinez and Dominique Janeway transition immediately from their current ESC-2 roles—no hiring timeline, background checks, or onboarding delays. This "Day 1 Ready" model eliminates the typical 2-3 month startup delay, allowing us to start the tour immediately upon award.

Grant Deliverables

- 32 mobile lab visits across Service Area 1
- Student engagement per TEA performance measures
- Monthly data collection and progress reports
- Family STEM Night events at partner campuses
- TEKS alignment documentation
- Teacher coaching and professional development documentation

6. Summary of Program cont'd.

Employee Insurance and Coverage

All grant-funded tour crew positions receive comprehensive benefits through ESC-2's established employee benefit programs:

- Health, dental, and vision insurance
- Teacher Retirement System (TRS) contributions
- Workers' compensation coverage
- Professional liability insurance
- Unemployment insurance and payroll taxes
- Life insurance and disability coverage

Benefits costs are fully incorporated within the \$135,000 payroll allocation, calculated at ESC-2's standard benefit rates for full-time employees.



Organization: 02 Region II ESC
Campus/Site: N/A
Vendor ID: 1741587916

County District: 178950
ESC Region: 02
School Year: 2026-2027

SAS#: TMSTEM26

2026-2027 Texas Mobile STEM Laboratory Program Grant Application

Program Description PS3014 - Program Narrative

B. Qualifications and Experience for Key Personnel

Outline the required qualifications and experience for the proposed project personnel Service Area Manager (10 pts), Lead Instructor (5 pts), and Novice Instructor (5 pts). Include whether the position exists or proposed.

1. Service Area Manager

Amie Chase

Program Manager of Content | School Improvement Specialist at Education Service Center 2 (ESC-2), Corpus Christi, TX

ESC-2 (2024-Present)

Manages content-focused initiatives aligned with TEA priorities and grant deliverables

Oversees grant operations and ensures compliance with state/federal requirements

Secured multiple district contracts through strategic program design

Leads data-driven implementation and staff capacity building

Leander ISD (2014-2024)

District-level administrator overseeing special programs and interventions

Managed large-scale initiatives, including Math Co-teaching and Reading Intervention Redesign

Ensured 100% compliance with legislative mandates (MTSS, HB 1416)

Coordinated cross-departmental efforts across multiple campuses

Developed community partnerships for student readiness initiatives

Classroom Experience (1996-2013)

Supplemental Reading Teacher and Third Grade Teacher

Key Strengths:

Grant & program management with state/federal compliance expertise

Budget development and fiscal management

Multi-campus operational logistics and scheduling

Stakeholder engagement and community partnerships

Staff hiring, training, and evaluation

Education & Certifications

Master of Science in Educational Leadership - Texas A&M International University

Bachelor of Science in Interdisciplinary Studies - Texas A&M University

Certifications: Instructional Leadership Coach, CII, RTI at Work, Texas Instructional Leadership (TIL), Texas Reading Academies



Organization: 02 Region II ESC
Campus/Site: N/A
Vendor ID: 1741587916

County District: 178950
ESC Region: 02
School Year: 2026-2027

SAS#: TMSTEM26

2026-2027 Texas Mobile STEM Laboratory Program Grant Application

Program Description PS3014 - Program Narrative

2. Lead Instructor

Robert Martinez

Current Roles: Science Specialist | Gifted & Talented Specialist | Region 2 STEM Lead | Instructional Materials Coordinator at Education Service Center Region 2 (ESC-2), Corpus Christi, TX

Experience: 20 years in education, with 3 years as Education Specialist and STEM Lead

Key Strengths:

Deep expertise in Texas Essential Knowledge and Skills (TEKS) implementation
Curriculum development and instructional delivery
Technology integration and instructional tools
Laboratory equipment safety and operations
Professional development and educator training
Evidence-based teaching methodologies

Professional Background

ESC-2 (2023-Present)
Science Curriculum Specialist
Gifted & Talented Specialist
Region 2 STEM Lead
Instructional Materials Coordinator (2025-Present)

Corpus Christi ISD (2005-2023)

Science Teacher (2008-2023)
Curriculum Writer - Chemistry/Astronomy (2015-2023)
Substitute Teacher (2006-2008)
Science/Math Tutor (2005-2006)

Education & Certifications

Bachelor of Science in Chemistry - Texas A&M University, Corpus Christi (Minors in Math & Physics)
Certifications: Physical Science 8-12, Science Composite 7-12, Math RBIS Trainer

Key Strengths for Mobile Lab Leadership

Energetic instructional approach that ignites student curiosity and engagement
Translates passion for science into innovative, hands-on learning experiences
Proven ability to support educators in diverse settings
Strong commitment to safety protocols and equipment management

3. Novice Instructor

Dominique Janeway

Current Role: School Improvement & Education Specialist at Education Service Center Region 2 (ESC-2), Corpus Christi, TX

Experience: 10+ years in STEM education, classroom instruction, and educational leadership

Key Strengths:

Direct STEM instruction with Master Teacher designations in both Science and Math, Operational logistics, equipment management, and safety protocols,
Technical troubleshooting and setup (A/V equipment, iPads, data tools), Classroom management with diverse student populations, Adaptable to travel and dynamic classroom environments

Professional Background

ESC-2 (2023-Present) - Education Specialist
School of Science and Technology Bayshore (2020-2022) - Dean of Academics/Assistant Principal
San Antonio ISD (2013-2019) - Master Science & Math Teacher | Instructional Coach

Education & Certifications

Master of Education in Educational Leadership - UT San Antonio
Bachelor of Science in Elementary Education - Texas A&M Corpus Christi
Certifications: Principal Certification, Texas Instructional Leadership Coach

Unique Value for Mobile Lab

Brings the former Dean of Academics' perspective to ensure visits are data-driven interventions
Can align Mobile Lab activities with Campus Improvement Plans
Provides real-time instructional coaching to teachers during visits
Proven ability to quickly establish rapport with new student groups daily
Experienced in managing equipment logistics and safety for hands-on STEM activities



Organization: 02 Region II ESC
Campus/Site: N/A
Vendor ID: 1741587916

County District: 178950
ESC Region: 02
School Year: 2026-2027

SAS#: TMSTEM26

2026-2027 Texas Mobile STEM Laboratory Program Grant Application

Program Description PS3014 - Program Narrative

C. Goals, Objectives and Strategies

1. Describe the goals and objectives of the grantee for managing a service area grant(s) for the Texas Mobile STEM Laboratory program. (5 pts)

To provide equitable access to high-quality, hands-on STEM education for rural and economically disadvantaged students across Service Area 1, who lack access to traditional science museum resources and advanced laboratory equipment.

Objective 1: Immediate Program Launch

Strategy: Leverage ESC-2's "Day 1 Ready" staffing model with Amie Chase, Robert Martinez, and Dominique Janeway already in place.

Implementation:

Spring 2026: Begin curriculum alignment and TEKS customization immediately upon award

Establish reporting systems for monthly data collection and TEA compliance

Objective 2: Targeted Support for High-Need Campuses

Strategy: Execute proactive recruitment focused on Priority Partner campuses using district data to target rural schools with limited STEM resources.

Implementation:

Region 1 (Rio Grande Valley): Establish Jose Borrego Preparatory Academy, Santa Maria Middle School, and Dorothy Thompson MS as anchor venues

Region 2 (Coastal Bend): Target West Oso Junior High and Premont ISD

Contact superintendents and principals directly to secure early commitments

Objective 3: Data-Driven Curriculum Customization

Strategy: Tailor lab content to address specific TEKS gaps identified through campus data analysis rather than using a "one-size-fits-all" approach.

Implementation:

Lead Instructor conducts needs assessments for each partner campus

Deploy customized "Remix" modules (e.g., biology and engineering TEKS for Mercedes Academic Academy and Dorothy Thompson MS)

2. Please continue the Goals, Objectives and Strategies response here if needed. Please enter N/A if the additional space is not needed.

Objective 4: Build Campus Capacity Beyond Student Engagement

Strategy: Transform visits from isolated events into comprehensive interventions that strengthen teacher practice and community connections.

Implementation:

Teacher Professional Development: Novice Instructor provides real-time instructional coaching during visits

Family STEM Nights: Pilot at Runn Elementary and Falfurrias Junior High with bilingual invitations

Campus Leadership Partnership: Ensure visits align with Campus Improvement Plans and school-wide goals

Objective 5: Execute 32 High-Quality Tour Stops

Strategy: Maintain consistent service delivery across both regions with instructional excellence, safety compliance, and comprehensive data collection.

Implementation:

September 2026 - May 2027: Alternate weekly tours between Region 1 and Region 2

Deliver TEKS-aligned, hands-on STEM experiences

Maintain strict safety protocols

Submit timely monthly reports to TEA with performance metrics

Objective 6: Strategic Marketing and Community Partnerships

Strategy: Promote the Mobile STEM Lab as targeted instructional support while building STEM career awareness through community connections.

Implementation:

Partner with local STEM professionals for Family STEM Nights

Market through direct district leadership outreach

Use bilingual materials

Success Metrics

32 tour stops

Documentation of curriculum customization aligned to TEKS gaps

Teacher PD & Family STEM night

Monthly data reports with 100% compliance



Organization: 02 Region II ESC
Campus/Site: N/A
Vendor ID: 1741587916

County District: 178950
ESC Region: 02
School Year: 2026-2027

SAS#: TMSTEM26

2026-2027 Texas Mobile STEM Laboratory Program Grant Application

Program Description PS3014 - Program Narrative

D. Performance and Evaluation Measures

1. Describe the methods that will be used to collect data aligned with the performance measures identified for this program. Include the types of data that will be collected to measure the performance of the instructor and how program data will be collected monthly.

The High Voltage Science Tour will implement a comprehensive evaluation system measuring program effectiveness across student learning and engagement, teacher professional growth, and community engagement and STEM career awareness. We will collect meaningful data consistently throughout the program year and use it to make real-time adjustments that enhance program quality and impact.

Performance Measures and Data Collection Methods
 Performance Measure 1: Number of Students Served
 Target: Provide direct instruction to a minimum of 3,200 students across 32 campus visits during the 2026-2027 school year.
 Data Collection Method: Instructors will maintain detailed daily attendance rosters documenting student name, grade level, and participation in each session. Attendance data will be entered into a centralized database within 48 hours. Monthly reports will aggregate student participation by region, grade level, and campus demographics (Title I status, rural/urban classification, student ethnicity, economically disadvantaged percentage).
 Monitoring and Reporting: The Service Area Manager will generate monthly participation reports showing cumulative students served, demographic breakdowns, and progress toward annual targets, submitted to TEA by the 15th of each month. If participation falls below targets, the team will analyze barriers and implement corrective actions such as additional campus outreach or schedule adjustments.
2. Please continue the Performance and Evaluation Measures response here if needed. Please enter N/A if the additional space is not needed.

Performance Measure 2: Quality of Student Learning Experiences
 Target: At least 85% of participating students will demonstrate increased understanding of targeted TEKS standards as measured by pre/post assessments, and at least 90% will report high engagement and interest in STEM activities.
 Data Collection Method: For each engineering design challenge, students will complete brief pre-assessments (5-7 multiple choice and short answer questions) measuring baseline understanding of key concepts. After completing hands-on activities, students will complete parallel post-assessments. Assessment items will be aligned to grade-level TEKS standards and reviewed by ESC-2's curriculum team.
 Students will also complete engagement surveys using a 5-point Likert scale with questions such as "How much did you enjoy today's activities?" "How much did you learn?" and "Did today's activities make you more interested in science or engineering?" Surveys will be developmentally appropriate and available in both English and Spanish.
 Monitoring and Reporting: Lead Instructor will analyze pre/post assessment data weekly, calculating percentage gains in student understanding and identifying concepts that need instructional refinement. Engagement survey data will be compiled monthly and reviewed by the full team to identify highly effective activities and those requiring modification. Quarterly reports will document student learning gains, engagement trends, and instructional improvements.
3. Please continue the Performance and Evaluation Measures response here if needed. Please enter N/A if the additional space is not needed.

Performance Measure 3: Community Engagement and Family Participation
 Target: Host 32 Community STEM Nights engaging at least 1,600 family members and 100 local STEM professionals.
 Data Collection Method: At each Community STEM Night, family members will sign in upon arrival, indicating the number present and their relationship to students. STEM professionals will also sign in and complete brief profiles indicating their career field, employer, and educational background.
 Families will complete exit surveys asking about their experience, what they learned, whether they feel more confident supporting their child's STEM learning at home, and what additional resources would be valuable. Surveys will be available in English and Spanish on paper and via QR code.
 Monitoring and Reporting: Participation data will be entered into the program database within 48 hours of each event. Monthly reports will track family engagement trends, analyze participation rates relative to campus enrollment, and identify successful recruitment strategies. STEM professional participation will be documented in a growing database of community partners for future events.
 Data Management and Reporting Systems
 All program data will be maintained in a centralized, secure database. The database will generate automated monthly reports compiling student participation, assessment results, teacher PD evaluations, community engagement numbers, and instructor performance indicators.
4. Please continue the Performance and Evaluation Measures response here if needed. Please enter N/A if the additional space is not needed.

These standardized reports will be submitted to TEA by the 15th of each month.
 The program will also maintain qualitative documentation including photographs of student work, video recordings of exemplary instructional moments, student quotes and testimonials, teacher implementation stories, and family feedback narratives. This qualitative data will be compiled into quarterly narrative reports that provide context for understanding program impact.
 Using Data for Continuous Improvement
 The High Voltage program is committed to using evaluation data for genuine program improvement. The program team will meet monthly to review data and engage in structured continuous improvement protocols, focusing on identifying patterns, diagnosing root causes of challenges, generating potential solutions, implementing changes on a trial basis, and monitoring whether those changes improve outcomes.
 For example, if post-assessment data reveals that a particular engineering concept is not being understood, the instructors will redesign that lesson, incorporate additional scaffolding, pilot the revised lesson at the next campus, and analyze whether student understanding improves. This cycle of inquiry will drive continuous refinement throughout the grant period.



Organization: 02 Region II ESC
Campus/Site: N/A
Vendor ID: 1741587916

County District: 178950
ESC Region: 02
School Year: 2026-2027

SAS#: TMSTEM26

2026-2027 Texas Mobile STEM Laboratory Program Grant Application

Program Description PS3014 - Program Narrative

E. Budget Narrative

1. Describe the proposed budget for the 2026-2027 grant year including staff, insurance, program management requirements, and performance requirements. (15 pts)

The \$225,000 grant budget has been strategically designed to maximize direct services to students while maintaining all required compliance and quality standards.

Payroll Costs (\$135,000 - 60% of budget): This allocation covers competitive salaries for the Service Area Manager, Lead Instructor, and Novice Instructor, along with required employee benefits including health insurance, retirement contributions, and payroll taxes. The payroll investment ensures we can recruit and retain highly qualified personnel who bring immediate expertise to their roles.

2. Please continue the budget narrative response here if needed. Please enter N/A if the additional space is not needed.

Professional and Contracted Services (\$5,000 - 2.2% of budget): This modest allocation covers vehicle maintenance contracts, safety equipment inspections, and potential specialized training for instructors on new equipment or curriculum innovations.

Supplies and Materials (\$16,087 - 7.1% of budget): This line item funds consumable materials for hands-on activities (e.g., robotics components, chemistry supplies, engineering materials), replacement parts for laboratory equipment, printing costs for bilingual family engagement materials, and instructional supplies for teacher professional development sessions.

3. Please continue the budget narrative response here if needed. Please enter N/A if the additional space is not needed.

Other Operating Costs (\$30,000 - 13.3% of budget): This category covers fuel and vehicle operation costs for extensive travel throughout Regions 1 and 2, lodging expenses when overnight stays are necessary to efficiently serve distant campuses, liability insurance for the mobile lab vehicle and equipment, and food costs for Community STEM Nights and professional development sessions.

Indirect Costs (\$38,913 - 17.3% of budget): ESC-2's approved indirect cost rate of 20.911% is applied to direct costs to cover organizational overhead including fiscal management, grant compliance monitoring, human resources support, facility costs, and technology infrastructure that supports the program.

This budget structure ensures that 82.7% of grant funds directly support program implementation, with appropriate infrastructure support to guarantee compliance, quality, and sustainability throughout the grant period.

4. Please continue the budget narrative response here if needed. Please enter N/A if the additional space is not needed.

N/A

F. Marketing Plan for Service Area

1. Describe the marketing strategy for recruiting school systems in the targeted service area(s) to apply for a mobile STEM lab visit during the application window of April and May 2026. (10 pts) Include ways to promote the community STEM nights and strategies for getting STEM-related community members to attend the events to promote STEM careers in the local areas. (5 pts)

Rather than waiting for applications, we are executing a proactive Targeted Recruitment strategy. Using district data, we identified rural campuses in Regions 1 and 2 with limited access to STEM equipment and are prioritizing direct outreach.

Priority Outreach – Region 1 (RGV): Jose Borrego Preparatory Academy, Santa Maria Middle School, and Dorothy Thompson MS (Progreso ISD) will serve as anchor venues for a Rio Grande Valley tour. We will contact superintendents and principals to secure early commitments and build an efficient southbound schedule that maximizes impact and minimizes travel costs.

Strategic Support – Region 2 (Coastal Bend): We are targeting West Oso JH and Premont ISD to ensure equitable access. We will work with curriculum directors to tailor visits to specific TEKS gaps, ensuring the Mobile Lab serves as targeted instructional support—not just a special event.

Community STEM Nights: Once partnerships are confirmed, campuses will host Family STEM Nights. We will pilot this model at Runn Elementary (Donna ISD) and Falfurrias Junior High with bilingual invitations to strengthen school-home engagement through hands-on learning.

Data-Driven Customization: This is not a one-size-fits-all experience. For partners like Mercedes Academic Academy, we will coordinate in advance to tailor content to reinforce priority STAAR-tested concepts where students historically struggle.



Organization: 02 Region II ESC
Campus/Site: N/A
Vendor ID: 1741587916

County District: 178950
ESC Region: 02
School Year: 2026-2027

SAS#: TMSTEM26

2026-2027 Texas Mobile STEM Laboratory Program Grant Application

Program Description PS3014 - Program Narrative



Organization: 02 Region II ESC
 Campus/Site: N/A
 Vendor ID: 1741587916

County District: 178950
 ESC Region: 02
 School Year: 2026-2027

SAS#: TMSTEM26

2026-2027 Texas Mobile STEM Laboratory Program Grant Application

**Program Budget
 BS6001 - Program Budget Summary and Support**

Statutory Authority: General Appropriations Act (GAA), Article III, Rider 54, 89th Texas Legislature, 2025 Mobile STEM Laboratory Grant Program

Part 1: Available Funding

Available Funding								
Description	ServArea1 (ESC Reg's 1-2)	ServArea2 (ESC Reg's 3-5)	ServArea3 (ESC Reg's 6-7, 12)	ServArea4 (ESC Reg's 8, 10)	ServArea5 (ESC Reg's 9, 11)	ServArea6 (ESC Reg's 13, 20)	ServArea7 ESC Reg's 14,16,17	ServArea8 ESC Reg's 15,18,19
1. Fund/SSA Code	489							
2. Planning Amount								
3. Final Amount	\$225,000							
4. Carryover								
5. Reallocation								
Total Funds Available	\$225,000							

Part 2: Budget Summary

A. Budgeted Costs									
Description	Class/ Object Code	ServArea1 (ESC Reg's 1-2)	ServArea2 (ESC Reg's 3-5)	ServArea3 (ESC Reg's 6-7, 12)	ServArea4 (ESC Reg's 8, 10)	ServArea5 (ESC Reg's 9, 11)	ServArea6 (ESC Reg's 13, 20)	ServArea7 ESC Reg's 14,16,17	ServArea8 ESC Reg's 15,18,19
1. Consolidated Administrative Funds		<input type="radio"/> Yes <input type="radio"/> No							
2. Payroll Costs	6100	\$135,000							
3. Professional and Contracted Services	6200	\$10,300							
4. Supplies and Material	6300	\$16,087							
5. Other Operating Costs	6400	\$24,700							
6. Debt Services	6500								
7. Capital Outlay	6600								
8. Operating Transfers Out	8911								
Total Direct Costs		\$186,087							
9. Indirect Costs		\$38,913							
Total Budgeted Costs		\$225,000							
Total Funds Available Minus Total Costs		\$0							
10. Payments to Member Districts of SSA	6493								

B. Pre-Award Costs

Part 2B Pre-Award Costs is hidden because it does not apply to the funding source(s) for this grant application.



Organization: 02 Region II ESC
Campus/Site: N/A
Vendor ID: 1741587916

County District: 178950
ESC Region: 02
School Year: 2026-2027

SAS#: TMSTEM26

2026-2027 Texas Mobile STEM Laboratory Program Grant Application

**Program Budget
 BS6001 - Program Budget Summary and Support**

C. Breakout of Direct Admin Costs

Enter amounts in Direct Admin Costs fields if applicable.

Description	Class/ Object Code	ServArea1 (ESC Reg's 1-2)		
		Program Costs	Direct Admin Costs	Total Costs
1. Payroll Costs	6100	\$135,000		\$135,000
2. Professional and Contracted Services	6200	\$10,300		\$10,300
3. Supplies and Material	6300	\$16,087		\$16,087
4. Other Operating Costs	6400	\$24,700		\$24,700
5. Debt Services	6500			
6. Capital Outlay	6600			
7. Operating Transfers Out	8911			
	Total	\$186,087		\$186,087



Organization: 02 Region II ESC
 Campus/Site: N/A
 Vendor ID: 1741587916

County District: 178950
 ESC Region: 02
 School Year: 2026-2027

SAS#: TMSTEM26

2026-2027 Texas Mobile STEM Laboratory Program Grant Application

**Program Budget
 BS6101 - Payroll Costs**

Part 1: Total Payroll Costs

Payroll costs entered on BS6001								
Total Payroll Costs	ServArea1 (ESC Reg's 1-2)	ServArea2 (ESC Reg's 3-5)	ServArea3 (ESC Reg's 6-7, 12)	ServArea4 (ESC Reg's 8, 10)	ServArea5 (ESC Reg's 9, 11)	ServArea6 (ESC Reg's 13, 20)	ServArea7 (ESC Reg's 14,16,17)	ServArea8 (ESC Reg's 15,18,19)
\$135,000								

Part 2: Number and Type of Positions

A. Administrative Support or Clerical Staff								
Position Type	ServArea1 (ESC Reg's 1-2)	ServArea2 (ESC Reg's 3-5)	ServArea3 (ESC Reg's 6-7, 12)	ServArea4 (ESC Reg's 8, 10)	ServArea5 (ESC Reg's 9, 11)	ServArea6 (ESC Reg's 13, 20)	ServArea7 (ESC Reg's 14,16,17)	ServArea8 (ESC Reg's 15,18,19)
1. Administrative support or clerical staff (integral to program)	1							

B. LEA Positions								
Position Type	ServArea1 (ESC Reg's 1-2)	ServArea2 (ESC Reg's 3-5)	ServArea3 (ESC Reg's 6-7, 12)	ServArea4 (ESC Reg's 8, 10)	ServArea5 (ESC Reg's 9, 11)	ServArea6 (ESC Reg's 13, 20)	ServArea7 (ESC Reg's 14,16,17)	ServArea8 (ESC Reg's 15,18,19)
1. Professional staff	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Paraprofessionals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Administrative support or clerical staff (paid by LEA indirect cost)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C. Campus Positions								
Position Type	ServArea1 (ESC Reg's 1-2)	ServArea2 (ESC Reg's 3-5)	ServArea3 (ESC Reg's 6-7, 12)	ServArea4 (ESC Reg's 8, 10)	ServArea5 (ESC Reg's 9, 11)	ServArea6 (ESC Reg's 13, 20)	ServArea7 (ESC Reg's 14,16,17)	ServArea8 (ESC Reg's 15,18,19)
1. Professional staff	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Paraprofessionals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Administrative support or clerical staff (paid by LEA indirect cost)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Part 3: Substitute, Extra-Duty, Benefits

Substitute, Extra-Duty, Benefits	Any Fund Source
1. For schoolwide personnel (includes staff salary, extra-duty pay/beyond normal hours, and substitutes for staff positions at schoolwide campuses)	<input type="checkbox"/>
2. Extra duty pay/beyond normal hours for positions not indicated above	<input type="checkbox"/>
3. Substitutes for public and charter school teachers not indicated above	<input type="checkbox"/>
4. Stipends for positions not indicated above	<input type="checkbox"/>



Organization: 02 Region II ESC
Campus/Site: N/A
Vendor ID: 1741587916

County District: 178950
ESC Region: 02
School Year: 2026-2027

SAS#: TMSTEM26

2026-2027 Texas Mobile STEM Laboratory Program Grant Application

Program Budget BS6101 - Payroll Costs

Part 4: Confirmation of Payroll Requirements

Confirmation of Payroll Requirements

- The grantee certifies the federally funded portion of this position and duties are reasonable, necessary, allowable and allocable under the applicable federal fund source. The grantee further certifies that it is in compliance with the federal supplement, not supplant provision applicable to each federal fund source. The grantee assures the grant-funded portion of this position and duties meet the purpose, goals, and objectives of the federal fund source. Documentation must be maintained locally by the grantee that clearly demonstrates the allowable and supplemental nature of the position, as required by each federal fund source, and will provide such documentation to TEA upon request.



Organization: 02 Region II ESC
 Campus/Site: N/A
 Vendor ID: 1741587916

County District: 178950
 ESC Region: 02
 School Year: 2026-2027

SAS#: TMSTEM26

2026-2027 Texas Mobile STEM Laboratory Program Grant Application

Program Budget BS6201 - Professional and Contracted Services

Part 1: Professional and Contracted Services

Budgeted Costs									
Description	Class/Object Code	ServArea1 (ESC Reg's 1-2)	ServArea2 (ESC Reg's 3-5)	ServArea3 (ESC Reg's 6-7, 12)	ServArea4 (ESC Reg's 8, 10)	ServArea5 (ESC Reg's 9, 11)	ServArea6 (ESC Reg's 13, 20)	ServArea7 ESC Reg's 14,16,17	ServArea8 ESC Reg's 15,18,19
1. Rental or Lease of Buildings, Space in Buildings, or Land	6269								
2. Professional and Consulting Services	6219 6239 6291								
Subtotal Professional and Contracted Services Costs									
Remaining 6200 Costs That Do Not Require Specific Approval		\$10,300							
Total Professional and Contracted Services Costs		\$10,300							

Part 2: Direct Administrative Costs

Part 2 Breakout of Direct Administrative Costs is hidden because it does not apply to the funding source(s) for this grant application.

Part 3 : Itemized Professional and Consulting Services

Itemized Professional and Consulting Service (6219, 6239, 6291)									
Description	ServArea1 (ESC Reg's 1-2)	ServArea2 (ESC Reg's 3-5)	ServArea3 (ESC Reg's 6-7, 12)	ServArea4 (ESC Reg's 8, 10)	ServArea5 (ESC Reg's 9, 11)	ServArea6 (ESC Reg's 13, 20)	ServArea7 ESC Reg's 14,16,17	ServArea8 ESC Reg's 15,18,19	
1. Service: <input type="text"/>									
Specify Purpose:	<input style="width: 100%; height: 20px;" type="text"/>								
Add Item					Delete Item				
Total Professional and Consulting Services Costs									



Organization: 02 Region II ESC
 Campus/Site: N/A
 Vendor ID: 1741587916

County District: 178950
 ESC Region: 02
 School Year: 2026-2027

SAS#: TMSTEM26

2026-2027 Texas Mobile STEM Laboratory Program Grant Application

**Program Budget
 BS6401 - Other Operating Costs**

Part 1: Other Operating Costs

Budgeted Costs									
Description	Class/ Object Code	ServArea1 (ESC Reg's 1- 2)	ServArea2 (ESC Reg's 3- 5)	ServArea3 (ESC Reg's 6- 7, 12)	ServArea4 (ESC Reg's 8, 10)	ServArea5 (ESC Reg's 9, 11)	ServArea6 (ESC Reg's 13, 20)	ServArea7 ESC Reg's 14,16,17	ServArea8 ESC Reg's 15,18,19
1. Out-of-State Travel for Employees LEA must keep documentation locally.	6411								
2. Travel for Students to Conferences (does not include field trips) LEA must keep documentation locally.	6412								
3. Educational Field Trips LEA must keep documentation locally.	6412 6494								
4. Stipends for Non-employees other than those included in 6419 LEA must keep documentation locally.	6413								
5. Travel Costs for Officials such as Executive Director, Superintendent, or Board Members Allowable only when such costs are directly related to the grant. If Out-of-State Travel, LEA must keep documentation locally.	6411 6419								
6. Non-Employee Costs for Conference LEA must keep documentation locally.	6419								
7. Hosting Conferences for Non-Employees LEA must keep documentation locally.	64xx								
Subtotal Other Operating Costs									
Remaining 6400 Costs That Do Not Require Specific Approval		\$24,700							
Total Other Operating Costs		\$24,700							

Part 2: Direct Administrative Costs

Part 2 Breakout of Direct Admin Costs is hidden because it does not apply to the funding source(s) for this grant application.



Organization: 02 Region II ESC
 Campus/Site: N/A
 Vendor ID: 1741587916

County District: 178950
 ESC Region: 02
 School Year: 2026-2027

SAS#: TMSTEM26

2026-2027 Texas Mobile STEM Laboratory Program Grant Application

**Program Budget
 BS6501 - Debt Services**

Part 1: Subscription-Based Information Technology Arrangement (SBITA) and Capital Lease Liability Costs

Budgeted Costs									
Description	Class/ Object Code	ServArea1 (ESC Reg's 1-2)	ServArea2 (ESC Reg's 3-5)	ServArea3 (ESC Reg's 6-7, 12)	ServArea4 (ESC Reg's 8, 10)	ServArea5 (ESC Reg's 9, 11)	ServArea6 (ESC Reg's 13, 20)	ServArea7 (ESC Reg's 14,16,17)	ServArea8 (ESC Reg's 15,18,19)
1. SBITA Liability - Principal	6514								
2. SBITA Liability - Interest	6526								
3. Capital Lease Liability - Principal	6512								
4. Capital Lease Liability - Interest	6522								
5. Interest on Debt	6523								
Total Debt Service Costs									

Part 2: Description of SBITA

Subscription

1. SBITA Description:

Subscription Cost:

Fund Source:

Contract Start Date: Contract End Date:

Part 3: Description of Property

Property

1. Property Description:

Property Value:

Fund Source:

Contract Start Date: Contract End Date:



Organization: 02 Region II ESC
 Campus/Site: N/A
 Vendor ID: 1741587916

County District: 178950
 ESC Region: 02
 School Year: 2026-2027

SAS#: TMSTEM26

2026-2027 Texas Mobile STEM Laboratory Program Grant Application

**Program Budget
 BS6601 - Capital Outlay**

Part 1: Capital Expenditures

Budgeted Costs								
Description	ServArea1 (ESC Reg's 1-2)	ServArea2 (ESC Reg's 3-5)	ServArea3 (ESC Reg's 6-7, 12)	ServArea4 (ESC Reg's 8, 10)	ServArea5 (ESC Reg's 9, 11)	ServArea6 (ESC Reg's 13, 20)	ServArea7 (ESC Reg's 14, 16, 17)	ServArea8 (ESC Reg's 15, 18, 19)
1. Library Books and Media (Capitalized and Controlled by Library)								
2. Capital Expenditures for Additions, Improvements, or Modifications to Capital Assets Which Materially Increase Their Value for Useful Life (not ordinary repairs and maintenance)								
3. Furniture, Equipment, Vehicles or Software Costs for Items in Part 2								
Total Capital Outlay Costs								

Part 2: Furniture, Equipment, Vehicles or Software

Items

1. Generic Description: Number of Units:

Fund Source: Total Costs:

Describe how the item will be used to accomplish the objective of the program:



Organization: 02 Region II ESC
Campus/Site: N/A
Vendor ID: 1741587916

County District: 178950
ESC Region: 02
School Year: 2026-2027

SAS#: TMSTEM26

2026-2027 Texas Mobile STEM Laboratory Program Grant Application

Provisions Assurances CS7000 - Provisions, Assurances and Certifications

Provisions, Assurances and Certifications	
1. <input checked="" type="checkbox"/> I certify my acceptance and compliance with all General and Fiscal Guidelines.	General and Fiscal Guidelines
2. <input checked="" type="checkbox"/> I certify my acceptance and compliance with all Program Guidelines.	Program Guidelines
3. <input checked="" type="checkbox"/> I certify my acceptance and compliance with all General Provisions and Assurances requirements.	General Provisions and Assurances
4. <input checked="" type="checkbox"/> I also certify my acceptance and compliance with all Debarment and Suspension Certification requirements. I certify I am not debarred or suspended.	Debarment and Suspension Certification
5. Choose the appropriate response for Lobbying Certification:	
a. <input checked="" type="checkbox"/> I certify this organization does not spend federal appropriated funds for lobbying activities and certify my acceptance and compliance with all Lobbying Certification requirements.	Lobbying Certification
b. <input type="checkbox"/> This organization spends non-federal funds on lobbying activities and has attached the required OMB Disclosure of Lobbying Activities form, as described below.	
Instructions for completing and attaching the Disclosure of Lobbying Activities form. <ul style="list-style-type: none"> Print and sign the form. Scan the signed form and save it to your desktop. Click the Attach Files icon on the Table of Contents page to attach your signed form to this eGrants application. 	

SSA Funding Report

Region	County District	Organization	ADC Submitted Date								
				R:							
Total:				R: \$0							