



Saginaw Chippewa Tribal College

5805 East Pickard Street, Mount Pleasant, Michigan 48858.

Recording Studio Acoustic Decoupling & Noise Reduction

Request for Proposal

March 9th, 2026

Submission Deadline: Friday, April 10th, 2026 at 5:00pm

Delivery Method: email to contact person.

RFP Contact: Marco Angiolini, IT Director

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(989) 317-4823

Available to the Public at: <https://www.sagchip.edu/bids>

Request for Proposals: Recording Studio Acoustic Decoupling & Noise Reduction

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1. Administrative Overview

1.1 Purpose of the RFP

Saginaw Chippewa Tribal College (SCTC) seeks a qualified contractor to design and execute a comprehensive acoustic decoupling and noise reduction retrofit for its campus recording studio. The goal is to achieve professional-grade isolation (STC 60+) to support high-fidelity recording and broadcast operations.

1.2 Campus Background & Project Objectives

As SCTC expands its programs, the existing facility requires structural isolation from adjacent high-traffic hallways and mechanical noise. Key objectives include:

- Eliminating structural vibration and flanking noise.
- Achieving a noise floor of NC-20 or better.
- Ensuring the space meets professional standards for commercial audio production.

1.3 RFP Timeline & Milestone Dates

Milestone	Date
RFP Release	March 9 th , 2026
Pre-Bid Site Walkthrough	March 16 th – 20 th , 2026
Deadline for Inquiries	April 3 rd , 2026
Proposal Submission Deadline	April 10 th , 2026

1.4 Proposal Submission Instructions

All proposals must be submitted electronically to the SCTC Facilities Director at: mangiolini@sagchip.edu

2. Scope of Work & Technical Requirements

2.1 Structural Decoupling (Room-within-a-Room)

The vendor must design and install a decoupled "floating" ceiling in both recording studio and control room:

- Ceiling: Suspended acoustic ceiling grid isolated from the primary building structure.

2.2 Acoustic Barriers & Mass

- Sealing of all perimeters with non-hardening acoustic sealant.

2.3 HVAC & Silent Air Exchange

- Modification of existing ductwork to include baffle boxes (sound mazes) and lined ducting to eliminate "air rush" noise and cross-talk.

2.4 Specialized Entry Systems

- Installation of three (3) Sound Control Doors (minimum STC 55) with automatic drop seals and multi-point gaskets.
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3. System Architecture & Diagramming

3.1 Mandatory Cross-Sectional Diagram

Bidders must provide a high-resolution architectural cross-section illustrating the decoupling layers from the existing slab to the new finish ceiling.

3.2 Airflow & Acoustic Path Narrative

The diagram and narrative must detail:

1. The "Floating" path (Isolation points).
 2. The HVAC silent-exchange flow.
 3. Electrical penetration "putty pad" applications to prevent sound leakage through outlets.
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4. Federal Compliance & Regulatory Requirements

4.1 Davis-Bacon Act (DBA) Compliance

This project is federally funded. All laborers (carpenters, HVAC technicians, etc.) must be paid the prevailing wage and fringe benefits for Isabella County, MI, as determined by the Department of Labor (DOL).

4.2 Certified Payroll & Weekly Reporting

Contractors must submit Weekly Certified Payroll Reports (Form WH-347) through the DOL Compliance Portal.

4.3 SAM.gov Registration

Vendors must have an active registration in the System for Award Management (SAM.gov) and provide their Unique Entity ID (UEI).

5. Implementation & Project Management

5.1 Deployment Phases

1. Phase I: Acoustic testing (Baseline STC/NC measurements).
2. Phase II: Demolition and structural isolation framing.
3. Phase III: Mass application and HVAC baffle installation.
4. Phase IV: Final acoustic surfacing and "Commissioning" (Post-build testing).

5.2 Site Standards

The vendor is responsible for debris removal, dust mitigation (HEPA filtration during construction), and coordination with SCTC security for after-hours access.

6. Pricing & Financial Proposal

6.1 Materials (CAPEX)

- Itemized breakdown of isolation clips, MLV, specialized drywall, and acoustic doors.

6.2 Davis-Bacon Labor

- Itemized labor costs by trade (Carpentry, Electrical, HVAC), explicitly identifying Prevailing Wage categories.

6.3 Testing & Certification

- Costs for third-party acoustic testing to verify STC and NC ratings upon completion.
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7. Evaluation & Award Criteria

7.1 Scoring Rubric

Category	Weight
Technical Design & Acoustic Performance	40%
Total Project Cost	25%
Federal Compliance & DBA Experience	20%
Portfolio of Recording Studio Builds	15%

7.2 Bidder Qualifications

Bidders must demonstrate at least seven years of experience in specialized acoustic construction and provide at least three references from professional studio or theater projects.
