SINGLE SOURCE JUSTIFICATION (UNDER SAT)

JOINT ADMINISTRATIVE OPERATIONS
Acquisitions Operations

Pursuant to FAR subpart 13.106-1(b)(1)(i) and (ii), for purchases not exceeding the Simplified Acquisition Threshold (SAT), Contracting Officers may solicit from only one source if the circumstances deem only one source is reasonably available (e.g., urgency, exclusive licensing agreements, brand name, or industrial mobilization).

Instructions: The information in the text boxes are provided as sample language or to indicate a needed fill-in. Sample language should be removed from the final document. All text boxes require information and shall not be left blank.

1. Description of Need

The Alaska Maritime National Wildlife Refuge (AMNWR) requires the upgrade of the Headquarters/Visitor Center Building Automation System (BAS) from the obsolete Siemens Insight/Apogee workstation to the current Siemens Desigo CC platform. The existing BAS no longer provides reliable automated control and currently requires manual operation by maintenance personnel, significantly reducing system reliability, alarm management, historical trending, remote diagnostics, and operational efficiency.This procurement will provide all labor, software, licensing, hardware, programming, database migration, graphics conversion, testing, training, and

2. Market Research Conducted

We reviewed available Building Automation System (BAS) manufacturers and service providers capable of providing BAS upgrades and modernization services. Market research determined that while numerous BAS contractors install and support systems such as Johnson Controls, Schneider Electric, Trane, Honeywell, and Automated Logic, these firms cannot legally provide Siemens proprietary Desigo CC software, licensing, firmware, engineering tools, or migration services required to convert an existing Siemens Insight/Apogee system into Siemens Desigo CC while preserving the existing Siemens controller architecture.We determined that migration of the existing Siemens system requires proprietary Siemens software, licensed engineering applications, manufacturer-specific databases, and factory-authorized programming tools that are not available to

3. Other Capable Sources

No other known sources have been identified that can provide a complete migration of the existing Siemens Insight/Apogee BAS to Siemens Desigo CC while maintaining compatibility with the existing Siemens field controllers and preserving existing programming, graphics, trend data, schedules, alarms, and system databases. Third-party BAS contractors would require replacement of significant portions of the existing control system or redevelopment of programming and graphics, substantially increasing project cost, schedule, operational risk, and system downtime. No written expressions of interest from alternate qualified sources have been received.

4. Barriers to Competition

The primary barrier to competition is the proprietary nature of the installed Siemens Building Automation System. The Refuges existing BAS consists of Siemens hardware, proprietary databases, licensed software, graphics, programming, and communications architecture that must remain operational after migration. Siemens Desigo CC software licensing, engineering tools, database conversion utilities, and manufacturer-supported migration processes are proprietary and are only available through Siemens or its authorized representatives. Awarding this requirement to another manufacturer would require replacement of existing BAS infrastructure, extensive reprogramming, recreation of graphics and databases, replacement of field controllers, additional commissioning, and significantly greater project cost and schedule.

5. Contractor's Qualifications

Siemens Industry, Inc. is uniquely qualified to perform this work because it is the manufacturer and authorized provider of Siemens Desigo CC software, licensing, firmware, engineering tools, and migration services required for this project.The contractor possesses:Factory-authorized Siemens Desigo CC engineering software.Access to proprietary migration tools required to convert Insight/Apogee databases.Manufacturer-supported software licensing.Factory-trained technicians certified on Siemens BAS platforms.Ability to maintain warranty and

6. Determination of Fair and Reasonable Cost

(Include a statement by the contracting officer that the anticipated cost will be considered fair and reasonable and provide the basis used for this determination. Examples may include the results of the restricted competition, comparison of proposed costs/prices with costs/prices for similar supplies or services, commercial price lists, prior acquisition history, etc.)

7. Recommendation and Certification by Program Office

Based on the above justification, I recommend this acquisition to be conducted using sole source acquisition procedures. I hereby certify that this justification is accurate and complete to the best of my knowledge and belief.

JULIAN TORRES Digitally signed by JULIAN TORRES
Date: 2026.08.04 15:19:06 -08'00'

Program / Project Officer

8. Contracting Officer Certification and Approval: *Under SAT*

Based on the above justification, I hereby certify and approve the use of sole source acquisition procedures under FAR Part 13 for this purchase.

Contracting Officer