JUSTIFICATION REVIEW DOCUMENT

NATIONAL GUARD BUREAU
111 South George Mason Drive
Arlington, VA 22204-1373

1. OVERVIEW

a. Program/Equipment Name

Honeywell Niagara 4 Compatibility

b. Estimated Price

$[redacted]

c. Authority

10 U.S.C. 2304(a)(1) or 41 U.S.C. 3304(a)(1) as implemented in RFO FAR 6.103-1 Only one responsible source and no other supplies or services will satisfy agency requirements.

d. Technical Representative

Name	Title	Email	Phone	Date
[redacted]	Civil Enigneer	[redacted]@us.af.mil	906-630-5582	March 31, 2026

e. Contracting Officer

Name	Title	Email	Phone	Date
[redacted]	Contracting Officer	[redacted]@us.af.mil	937-327-2379	May 12, 2026

Requirements Representative *(If different from Technical Representative.)*

Prepared by *(If different from Contracting Officer.)*

2. REVIEWS

I have reviewed this justification and find it adequate to support other than full and open competition.

Program Manager *(If applicable.)*

Program Executive Officer *(When item is Program Executive Officer managed.)*

Controlled by: National Guard Bureau
Controlled by: 178 MSG/MSC
CUI Category: SOURCE SELECTION
Limited Dissemination Control: FEDCON
POC: [redacted] 937-327-2379
(Populates from the 1.e. Contracting Officer.)

Justification for Other than Full and Open Competition

Guidance

Local Control Number

NGB Control Number *(if applicable)*

1a. CONTRACTING ACTIVITY
178 MSG/MSC

b. Requiring Activity
178 CES

c. POC
[redacted]

2a. NATURE OF ACTION
Brand Name; Individual Basis

b. Contract Action
New Contract

c. Contract Type
Firm Fixed Price

d. Fund Type
MILCON, Air

3a. ESTIMATED PRICE
$[redacted]

4a. Name of Requirement
Honeywell Niagara 4 Compatibility

b. Description of Requirement
All equipment interfacing with the base COIN require compatibility with Honeywell Niagara 4.

c. Demonstrate, in Detail, Why This Specific Item or Service, is the Only One That Meets Your Requirements
The core requirement for any additions or interfaces to the Base Direct Digital Controls (DDC) infrastructure is seamless integration with the existing Honeywell Niagara 4 framework. Any and all expansions or modifications must be fully interoperable with the current system.

This integration must be achieved without any degradation of existing DDC capabilities. Furthermore, the introduction of separate or parallel systems is not permissible. This ensures a unified and cohesive building automation and control environment.

Essentially, any new components must function as a natural extension of the established Honeywell Niagara 4 platform, maintaining the integrity and performance of the overall DDC infrastructure.

5a. HAS THIS BEEN PREVIOUSLY PROCURED?
Yes, details are below. ✓ No.

6a. AUTHORITY CITED
10 U.S.C. 2304(a)(1) or 41 U.S.C. 3304(a)(1) as implemented in RFO FAR 6.103-1 Only one responsible source and no other supplies or services will satisfy agency requirements.

b. Reason for Authority Cited
This action is to acquire new components that must be added to or interfaced with the existing Base Direct Digital Controls (DDC) infrastructure. A core and unalterable requirement of this action is that all additions or modifications must achieve seamless, full interoperability with the proprietary Honeywell Niagara 4 framework that forms the backbone of the current system.

The requirement to maintain seamless integration with the existing Honeywell Niagara 4 DDC infrastructure necessitates the use of the cited authority. The Government's technical requirements mandate that any new hardware, software, or control logic must function as a native extension of the established platform. The introduction of separate, parallel, or non-proprietary systems would create a disjointed building automation environment, degrade existing capabilities, and violate the foundational design of the DDC infrastructure. Transitioning away from the Honeywell Niagara 4 framework could ultimately would require a complete system overhaul, entailing substantial costs for replacement hardware and software, integration with existing infrastructure, and personnel retraining. These expenditures could reach millions of dollars.

Consequently, a technical data package suitable for full and open competition is not available. The specifications, engineering descriptions, and statement of work are inherently tied to the proprietary architecture of the Honeywell Niagara 4 framework. Developing a generic package would not be possible without either replacing the entire existing infrastructure or attempting to reverse-engineer a proprietary system, both of which would lead to unacceptable operational risks and substantial, unnecessary costs.

Creating competition would lead to a substantial duplication of cost that is not expected to be recovered. The cost to replace the existing multi-million dollar Honeywell system or to fund a new contractor's development of a compatible, non-proprietary interface would far exceed any potential savings gained through competition for this specific requirement. This would constitute a significant waste of government funds and resources.

7. POSTING REQUIREMENTS
Include justification with solicitation (RFO FAR 6.103-1), the justification shall be posted with the solicitation (see 5.201(c)(3)).

8. CONTRACTING REQUIREMENTS

a. Efforts to Obtain Competition

Efforts will be made to solicit offers from as many potential sources as is practicable under the circumstances. In accordance with RFO Federal Acquisition Regulation (FAR) Part 5, a notice of the proposed acquisition will be published on the Government-wide Point of Entry (GPE), which is the System for Award Management (SAM.gov).

This notice will advise industry of the Government's intent to award a contract on a brand-name basis for components compatible with the Honeywell Niagara 4 framework. The notice will provide a period for interested parties to submit capability statements, proposals, or quotations. Any and all bids or proposals received in response to the synopsis by its closing date shall be considered by the agency.

b. Actions to Increase Competition

Effective competition is anticipated for this acquisition. This requirement represents only a small part of a larger project, and the brand name specification is not expected to unduly restrict the competitive field. The Honeywell Niagara 4 system is a widely used platform within the HVAC industry, and as such, many contractors are knowledgeable about its architecture and possess the expertise required for its integration. Therefore, the Government anticipates that multiple qualified HVAC contractors will be able to meet the requirement, either as direct, authorized resellers of the brand or through established subcontracting relationships to acquire the necessary proprietary components. This will allow for adequate price competition among sources capable of meeting the Government's critical integration requirements.

The Government will ensure the prime contractor obtains as much competition as is practicable in its subcontracting efforts. The Government will encourage the contractor to solicit proposals from multiple suppliers for any ancillary components or services that are not proprietary to the Honeywell brand. This includes, but is not limited to, items such as wiring, conduit, and other non-proprietary installation hardware. The contracting officer will review the prime contractor's efforts to ensure subcontracting opportunities are maximized to the greatest extent possible.

c. Market Research

Market research reveals a large number of vendors capable providing the Honeywell Niagara 4 System in line with Air National Guard (ANG) requirements. The Honeywell Niagara 4 system is a widely used platform within the HVAC industry, and as such, many contractors are knowledgeable about its architecture and possess the expertise required for its integration. Therefore, the Government anticipates that multiple qualified HVAC contractors will be able to meet the requirement, either as direct, authorized resellers of the brand or through established subcontracting relationships to acquire the necessary proprietary components.

d. Interested Sources

This brand name justification applies only to a limited portion of the Microgrid Construction Project. The requirement specifies Honeywell Niagara 4 System; however, it does not restrict competition to a single contractor. Any contractor capable of furnishing and installing Honeywell products may submit a bid as the prime contractor or participate as a subcontractor. According to Honeywell website there are multiple vendors that can perform this work including but not limited to:

* Honeywell International Inc.
* Canvergint Technologies
* Confort Systems USA
* EMCOR Group
* Trane Technologies
* Siemens Industry, Inc.
* Ainsworth Inc.
* Enbironmental Systems Company (ESC)

e. Other Facts

Introducing a different manufacturer's hardware or software into this portion of the system would create compatibility and interoperability concerns with the existing DDC architecture. The Honeywell Niagara 4 platform utilizes proprietary programming, databases, graphics, licensing, and communication interfaces that are integral to the current building automation system. The use of non-Honeywell components could require additional gateways, software modifications, custom programming, and operator training while increasing the risk of communication failures, system errors, and reduced reliability.

Furthermore, the installation is currently executing an Architect-Engineer (A-E) design contract to correct deficiencies within the existing DDC system. Over time, the system has been modified with hardware and software components that do not fully match the original Honeywell Niagara 4 configuration, resulting in integration challenges and operational issues. The purpose of the ongoing A-E effort is to standardize the system and restore a fully compatible and maintainable Honeywell Niagara 4 environment.

Allowing additional non-compatible products as part of the microgrid project would introduce further inconsistencies into the building automation system, potentially undermining the corrective actions currently being designed under the A-E contract. Requiring Honeywell Niagara 4 products ensures compatibility with the existing infrastructure, minimizes technical and operational risk, supports long-term system maintainability, and avoids unnecessary duplication of engineering effort and future corrective costs.

9. REQUIRING ACTIVITY CERTIFICATION

Technical and Requirements

I certify that the supporting data under my cognizance, which are included in the justification, are accurate and complete to the best of my knowledge and belief.

Name	Date	Title
[redacted]	March 31, 2026	Civil Enigneer

Phone	Email	
906-630-5582	[redacted]@us.af.mil	[redacted] Digitally signed by [redacted] Date: 2026.04.01 07:20:16 -04'00'

11. APPROVAL

Contracting Officer (KO)

1. I hereby determine that the anticipated cost to the government for this contract action will be Fair and Reasonable.
2. I certify that this Justification is accurate and complete to the best of my knowledge and belief.

(This certification shall be made by the contracting Officer who will sign the contract resulting from this Justification and Approval.)

Name	Date	Phone
[redacted]	May 12, 2026	937-327-2379

Email	
[redacted]	[redacted] Digitally signed by [redacted] Date: 2026.05.12 12:11:36 -04'00'

12. REDACTION INSTRUCTIONS

After completion and signatures, print to PDF. Then redact items such as, but not limited to:

1. Dollar amounts.
2. Names.
3. Signatures.
4. Proprietary information.

FAR 5.401, FAR 24.1, and FAR 24.2