

JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION

Fire Alarm System – Bid Package #2

Upon the basis of the following justification, I, as Contracting Officer, hereby approve the use of other than full and open competition of the proposed contractual action pursuant to the authority of 41 U.S.C. 253(c).

- 1. Identification of the agency, contracting activity, and specific identification of the document as justification for other than full and open competition.**

The U.S. Department of Veterans Affairs, Office of Construction & Facilities Management, proposes to enter into a contract on a basis other than full and open competition for the Long Term Spinal Cord Injury projects 549-820B Veterans Administration North Texas Health Care System in Dallas, TX. This is for the new fire alarm system for Building 83 – Long Term Spinal Cord Injury which will interface directly with the existing campus-wide system.

- 2. The nature and/or description of the action being approved, i.e., sole source, limited competition, establishment of a new source, etc.**

This product, Honeywell-Notifier Fire Alarm System, is the only product that allows for a single fire alarm system to be used throughout the Dallas facility. VA Dallas currently has the Honeywell-Notifier Fire Alarm System as the campus-wide fire alarm system. The new fire alarm system for Building 83 – Long Term Spinal Cord Injury will interface directly with the existing campus-wide system.

Installation of a system that interfaces properly with the existing system will ensure patient safety is maintained at the highest level. Additionally, installation of components that match the existing fire alarm system minimizes maintenance costs and bench stock requirements.

The existing campus control system is the Honeywell-Notifier Fire Alarm system that currently serves the existing buildings only receiving minor renovations and is proposed to serve the new buildings to be constructed in this contract.

- 3. A description of the supplies or services required to meet the agency's needs.**

The requirement is to provide proprietary Honeywell-Notifier Fire Alarm, which is compatible with the proprietary Notifier FA control system network utilized by the campus with the head end located in the Building Management Command Center located in the central plant. This will allow the North Texas Health Care System in Dallas, TX to efficiently and effectively monitor all fire alarm systems in its facilities, ensuring the highest level of safety and health for all patients, staff, and visitors occupying the buildings, using equipment specifically designed to interface with the proprietary, networked fire alarm systems installed throughout the campus.

- 4. The statutory Authority permitting other than full and open competition.**

JOFOC Fire Alarm System Project 549-820B LTSCI

The statutory authority permitting other than full and open competition at 41 U.S.C.253©(1) as implemented by the Federal Acquisition Regulation (FAR) Subpart 6.302 entitled, "Only One Responsible Source and No Other Supplies or Services Will Satisfy Agency Requirements."

- 5. A statement demonstrating the unique qualifications of the proposed contractor or the nature of the action requiring the use of authority.**

Product integration with existing systems is mandatory to effectively operate throughout the hospital and within the medical imaging area. Different systems will not be compatible or functional if purchased as different brand products due to computer, programming, and other electronic integration issues.

This product, Honeywell-Notifier System, is the only product that allows for a single fire alarm system to be used throughout the Dallas facility. VA Dallas currently has the Honeywell-Notifier System as the campus-wide fire alarm system. The new fire alarm system for the new Building 83 will interface directly with the existing campus-wide Notifier Fire Alarm System.

The Honeywell-Notifier System is the only system capable of providing the supplies and services described in Section III above without the Veterans Health Administration experiencing substantial duplication of cost that could not be expected to be recovered through competition.

- 6. A description of efforts to ensure that offers were solicited from as many potential sources as is practicable. Include whether or not a FedBizOps announcement was made and what response, if any, was received, or include the exception under FAR 5.202 if not synopsising. Describe whether any additional or similar requirements are anticipated in the future (this may not be included as an addendum, but must be in the body of the JOFOC).**

Efforts to ensure that offers solicited from as many sources as practicable will include synopsising the construction contract as required by FAR 5.2. This sole source justification is meant to only allow for specifying brand name for the components that must interface with the proprietary, networked fire alarm System installed throughout the campus which will impact only a small portion of the construction contract anticipated to be awarded. Where possible, the construction contract will allow full and open competition for all.

- 7. The anticipated dollar value of the proposed acquisition, including options if applicable, and a determination by the Contracting Officer that the anticipated cost to the Government will be fair and reasonable.**

The fire alarm equipment is highly specialized for the VA and there would be a substantial duplication of cost to the government for another fire alarm infrastructure to be implemented by a contractor other than the system which is already in place by the incumbent. For a contractor to install a system other than a Notifier system, an additional infrastructure system would be needed, resulting in duplication of costs. Additional time would also be needed for

the installation of infrastructure, cross connection of the multiple systems. The estimated cost of the fire alarm system equipment [REDACTED]

8. Description of the Market Research Conducted and the Results, or a Statement of the Reasons Market Research Was Not Conducted:

Other manufacturers or sources not researched as this request is for sole source equipment that has full interface and compatibility with existing fire alarm system. The VA needs to be able to fully interface the systems of the various buildings with the VA campus wide system. The only reasonable and practicable way that the VA can accomplish this is by using a product that has the features or capabilities identified above.

9. Any other facts supporting the use of other than full and open competition.

The overall project renovates space in three buildings that currently utilize the Honeywell-Notifier Fire Alarm System. This contract provides another new building (Bldg 83). The entire campus uses the Honeywell-Notifier System. Technical specifications for the Fire Alarm System cannot be modified to use other than these manufactured addressable modules and software to allow the system to remain listed. System complexity would be unacceptably increased and the Government would incur redundant and increased cost associated with operating multiple systems simultaneously, including:

- i. Costs for operating and maintaining additional software licenses and having redundant head ends consisting of workstations and data servers.
- ii. Increased training costs for operators and facility personnel who would be required to stay proficient on and use multiple systems.
- iii. Potential for confusion with who to contact for issues and service during warranty and the life of the system (potentially delaying repairs and adversely impacting healthcare operations).
- iv. Labor hours needed to integrate point attributes on multiple data servers. . These hours would impact both the Contractor and the Government. The Contractor to initially install the system and the Government in the future troubleshooting failures.
- v. When software upgrades occur on either system, additional costs to resolve integration issues may be incurred to insure proper communication between the systems.
- vi. Increased inventory and storage required for spare parts for multiple manufacturers.

JOFOC Fire Alarm System Project 549-820B LTSCI

Certification

The information contained in this justification for other than full and open competition is certified accurate and complete to the best of my knowledge and belief.

Acquisition Initiator (VANTHCS):

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

CHARLES D. Digitally signed by CHARLES D. BALLARD 230050 Date: 2019.04.30 17:18:28 -0500
BALLARD 230050

Signature

Date

Name

Technical Reviewer (Page Southerland Page):

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.



Signature

5-1-2019

Date

Dale Robinson

Name

JOFOC Fire Alarm System Project 549-820B LTSCI

VA Project Manager:

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

Karen A. Wieckowski May 7, 2019
Signature Date

Karen A. Wieckowski
Name

Contracting Officer:

I certify that this justification is accurate and complete to the best of my knowledge and belief.

 5/15/2019
Signature Date

Deontrinese Dalton
Name

Both the technical and requirements personnel are required to certify each justification as to its accuracy and completeness. By signing the justification, the Contracting Officer certifies that the facts and statements made are accurate and complete

**JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION
Nurse Call System**

Upon the basis of the following justification, I, as Contracting Officer, hereby approve the use of other than full and open competition of the proposed contractual action pursuant to the authority of 41 U.S.C. 253(c).

1. Identification of the agency, contracting activity, and specific identification of the document as a justification for other than full and open competition.

The U.S. Department of Veterans Affairs, Office of Construction & Facilities Management, proposes to enter into a contract on a basis other than full and open competition for the Long Term Spinal Cord Injury project 549-820B Veterans Administration North Texas Health Care System in Dallas, TX. As part of overall construction, the contractor will be required to supply and install Nurse Call where specified within the drawings and specifications for construction of the Long Term Spinal Cord Injury Center (LTSCI).

2. The nature and/or description of the action being approved, i.e., sole source, limited competition, establishment of a new source, etc.

This action is a sole source justification for requiring use of the Nurse Call System. The VA Office of Construction & Facilities Management intends to award a firm-fixed price contract for construction of a Long Term Spinal Cord Injury Center, at the VA North Texas Healthcare System in Dallas, Texas. The construction contract will allow for full and open competition for all elements of construction except for those items specifically identified in written sole-source justifications such as this one for the requirement to use the specific application nurse call described herein.

3. A description of the supplies or services required to meet the agency's needs.

As part of overall construction, the contractor will be required to supply and install Hill Rom Model Navicare Nurse Call where specified within the drawings and specifications for construction of the Long Term Spinal Cord Injury Center (LTSCI). [REDACTED]

[REDACTED] It does not appear that HB included infrastructure in the Nurse Call estimate. Use of this nurse call system, will provide an efficient means of monitoring patients and thereby enhancing the provision of patient care for the facility being constructed.

4. The statutory authority permitting other than full and open competition.

The statutory authority permitting other than full and open competition is 41 U.S.C.253(c)(1) as implemented by the Federal Acquisition Regulation (FAR) Subpart 6.302-1 entitled, "Only One Responsible Source and No Other Supplies or Services Will Satisfy Agency Requirements."

5. A statement demonstrating the unique qualifications of the proposed contractor or the nature of the action requiring the use of the authority.

VACO Telecommunications Specialist (Keith Van Bakel) has advised utilizing a mix match of systems will void UL 1069.

6. A description of efforts to ensure that offers were solicited from as many potential sources as is practicable. Include whether or not a FedBizOps announcement was made and what response, if any, was received, or include the exception under FAR 5.202 if not synopsisizing. Describe whether any additional or similar requirements are anticipated in the future (this may not be included as an addendum, but must be in the body of the JOFOC).

Efforts to ensure that offers are solicited from as many potential sources as practical will include synopsisizing the construction contract as required by FAR 5.2. This sole source justification is meant to only allow for specifying brand name for the specific application nurse call which will comprise only a very small portion of the construction contract to be awarded. Where possible, the construction contract requirements will be tailored to allow full and open competition for all but the special application nurse call and/or any other items approved under separate, approved sole source justifications to be included in the solicitation. The VA Office of Construction & Facilities Management estimates the sole source brand name requirement [REDACTED] for the specific application nurse call covered by this justification. The condition described above for the Long Term Spinal Cord Injury Center, at the VA North Texas Healthcare System in Dallas, Texas is a performance-based design that will accept any product that will perform all of the same functions for this enhanced method of patient monitoring.

7. The anticipated dollar value of the proposed acquisition, including options if applicable, and a determination by the Contracting Officer that the anticipated cost to the Government will be fair and reasonable.

[REDACTED]. The costs of providing a full and open bid nurse call system is not available as there have been no previous bids requested. The only cost is based on the H&B budgetary estimate. The result of the expense of the added cost results in enhanced patient monitoring thereby facilitating patient care.

(a) The infrastructure for nurse call is currently included within line item 27 05 13 001 in the LTSCI estimate dated 01/23/2019, but this line item also includes other communication infrastructure in addition to that for nurse call. [REDACTED]

(b) The current cost for the nurse call provisions (separate from and excluding the nurse call infrastructure noted above in item "a") is the total listed for the 27 15 00.43 items in the LTSCI estimate dated 01/23/2019. Halford Busby indicated that the approximate increase to the nurse call cost in the bid process for sole sourcing to Hill Rom instead of an open bid situation for similar quality system [REDACTED]

8. A description of the market research conducted and the results.

Company	Representative Contacted	Date Contacted	Phone Number
Rauland	Cliff Switzer Lone Star Communications, Houston, TX – Rauland Rep.	5/15/2018	713-667-9424
Hill Rom	Wade Deiderich Hill Rom Workflow Solutions	4/6/2016	858-829-1974
ASCOM (frmly GE HC)	Hanna Mey ASCOM	7/18/2018	919-234-2443
TekTone	TekTone Technical Support		

System only provides basic service and does not gather granular data from Smart Beds.

Rauland and ASCOM both have the ability to gather data from Smart Beds from Stryker and Hill Rom through the use custom applications. ASCOM is also capable of interfacing with the HR workflow management software.



See MANUFACTURER OVERVIEWS at end of document for further analysis

9. Any other facts supporting the use of other than full and open competition.

From a performance and features standpoint the Hill Rom NaviCare system does not hold a significant advantage over other manufacturers of Nurse Call Systems. Hill Rom NaviCare does offer several advantages because of their embedded NC system as well as other Hill Rom products like their beds.

- Single system campus wide: There are currently no manufacturers that offer an interface that will allow their nurse call system hardware to work directly with an existing Hill Rom Navicare System.
- Hill Rom Nurse Call Navicare System is uniquely suited to integrate with the Hill Rom beds that the hospital intends to purchase for use in the LTSCI. Other manufacturers' products will function however; use of the Hill Rom Navicare Nurse Call allows the hospital staff to monitor the patients more extensively. The additional data that the staff can monitor includes the location (as most beds are mobile this feature allows the nursing staff to monitor that the patient is in the proper location), safety rail position, whether the wheels are locked, whether the head or feet are elevated, position of the patient on the bed or whether the patient has eloped.

JOFOC Nurse Call System Project 549-820B LTSCI

- **Workflow Management:** ASCOM claims to be able to interface with the Hill Rom Navicare System workflow management software. This feature would be used by management to provide real time information on workload for use in manpower allocation. If the systems were from different manufacturers; to see nurse call activity across a campus, a separate interface would be required for each nurse call system to be accessed. If different systems are being used, a manager would have to manually combine data from both systems to create a single view of manpower and resource availability.
- **Ease of access to device data:** While other NC systems can access basic data available from Hill Rom Beds, the advanced data would be limited to the Hill Rom Nurse Call system and select partners; such as ASCOM and Rauland but utilizing select partners would come at an additional cost.
- **The single manufacturer spare parts inventory:** The campus would only need to maintain an inventory of Hill Rom NC parts allowing for improved material management and economics.
- **Single system training:** Staff would only require training on the existing system and its updates as opposed to having to be trained on multiple systems.
- **Single service contract:** The campus would only need to enter into a single Service Level Agreement (SLA) eliminating possible confusion when scheduling maintenance and service calls.

10. A listing of any sources that expressed a written interest in the acquisition.

NA

11. A statement of any actions the agency may take to remove or overcome any barriers to competition, if subsequent acquisitions are anticipated.

NA

JOFOC Nurse Call System Project 549-820B LTSCI

MANUFACTURER OVERVIEWS

HILL ROM

- Yes, HR Beds will work with any Nurse Call System as long as they have a 37 Pin Connection as part of their system.
 - Our Beds will send a Normal Nurse Call and a Bed Exit Alarm.
- How interoperable, what is the level of interoperability?
 - The Bed will send a Normal Call and a Bed Exit Alarm. No other Bed Data will be collected.
- Does it require some sort of work around?
 - The system has to have a Bed Connector as part of their system.
- Is HR NaviCare interoperable with other manufacturers beds and other system? If so, who?
 - Yes, our Nurse Call System will work with any Bed on the market as long as it has a 37 Pin Bed Connector.
- How interoperable, what is the level of interoperability?
 - They will send a Normal Nurse Call and a Bed Exit Call as long as the bed has a Bed Exit Alarm.
 - No other Bed Data (Side Rails, Bed Height, Brake Set, Head of Bed Angle, Weight, etc.) will be collected.
- Does it require some sort of work around?
 - No, the bed just needs to have a 37 Pin Connector
- Does HR offer a “packaged” head wall system?
 - HR used to sell Headwalls but we sold off that division to Whitrock Healthcare.

RAULAND

- Can Rauland interface with Hill-Rom or Stryker beds.
 - The level of interoperability is dependent on what “proprietary” information the bed manufacturer is willing to release to nurse call.
 - Rauland has the most 3rd party interfaces on the market today,
 - which is why they are the preferred nurse call manufacture for most hospitals.
- Stryker has been willing to open their interface to Rauland nurse call.
- Hill-Rom has been more guarded with their bed information,
 - There has had some success based on “Hospital(s)” pressure on Hill-Rom to open up their proprietary information.
 - It could be possible to put some standards in place that require the bed manufactures to release the data points and detail the points, for example, Brake On/OFF, Rail Down/Up, Bed Exit, etc...

ASCOM

- GE Medical sold their Nurse Call system to Swiss based ASCOM. ASCOM’s US headquarters is located in Morrisville, North Carolina.
- The ASCOM Nurse Call system is named Telligence. Information on the system can be found at <https://www.ascom.com/north-america/products/system/telligence.html>

JOFOC Nurse Call System Project 549-820B LTSCI

- The ASCOM software team has the ability to create applications that will allow their system to interface with most manufacturers (beds, monitoring devices, etc) devices.
 - Many applications are currently available.
 - Most IP enabled devices can be accessed by the Telligence.
 - ASCOM and Stryker are working on an interface between their new “Smart Bed” that will allow for full data sharing with the Telligence system.
 - ASCOM has also developed specialized applications for devices used by “Sip and Puff” patients.
 - ASCOM provides design services to the end user to aid in the decision-making process related to the system features that best meet the client’s needs.
 - ASCOM considers their product a “platform” that provides middleware that allows the Telligence system to gather and disperse information to and from multiple endpoints.
 - ASCOM’s assignment software is capable of gathering manpower information from their system as well as the Hill Rom Nurse Call system.
-

Certification

The information contained in this justification for other than full and open competition is certified accurate and complete to the best of my knowledge and belief.

Acquisition Initiator (VANTHCS):

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

CHARLES D. BALLARD 230050
Digitally signed by CHARLES D. BALLARD 230050
Date: 2019.04.10 17:27:40 -05'00'

Signature

Date

Name

Technical Reviewer (Page Southerland Page):

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

Kevin Hailey, RCDD / NTS
Digitally signed by Kevin Hailey, RCDD / NTS
Date: 2019.05.01 14:35:40 -05'00'

Signature

Date

Name

VA Project Manager:

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

Karen A. Wieckowski May 7, 2019

Signature Date

Karen A. Wieckowski
Name

Contracting Officer:

I certify that this justification is accurate and complete to the best of my knowledge and belief.

 May 8, 2019

Signature Date

Deontrinese Dalton

Name

Both the technical and requirements personnel are required to certify each justification as to its accuracy and completeness. By signing the justification, the Contracting Officer certifies that the facts and statements made are accurate and complete

Reviews and Approvals

(See FAR 6.2, 6.3 and 6.5 for review and approval requirements under specific circumstances)

Program Senior Official (or designee):

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

Signature Date

Name

**Justification for Other than Full and Open Competition (JOFOC)
Physical Access Control**

- 1. Identification of the agency, contracting activity, and specific identification of the document as a justification for other than full and open competition.**

The U.S. Department of Veterans Affairs, Office of Construction & Facilities Management, proposes to enter into a contract on a basis other than full and open competition for the physical access control system for the Long-Term Spinal Cord Injury projects 549-820B & 549-820C Veterans Administration North Texas Health Care System in Dallas, TX.

- 2. The nature and/or description of the action being approved, i.e., sole source, limited competition, establishment of a new source, etc.**

A review of the existing security systems parameters and characteristics as currently provided at the VA Dallas campus reveals the Hirsch (now Identiv) Velocity Access Control System is capable of integrating additional access control components (i.e. card readers, door controllers, etc.) as part of the new LTSCI project. Comparatively, it should be noted that most access control system manufacturers' software performs essentially the same functions and capabilities as the Hirsch/Identiv system, but because of the initial installation of the system at the VA, Hirsch/Identiv is now an actively embedded system within the campus

- 3. A description of the supplies or services required to meet the agency's needs.**
Essential requirements for the access control system include:

- Maintaining encrypted database communication between the access control software and the door interface modules/controllers to allow/restrict access per portal per user-level rights.
- Enrolling and maintaining pertinent user database information per enrollee and utilizing the information to determine access rights as populated during enrolment.
- Monitoring access per portal and providing identification of individuals using portals from the database information provided during enrolment.
- Monitoring door status based on configuration of each door during security hardware installation.
- Processing alarm notifications and transmissions to monitoring agent or responding force upon door breach.

- 4. The statutory authority permitting other than full and open competition.**

The statutory authority permitting other than full and open competition is 41 U.S.C.253(c)(1) as implemented by the Federal Acquisition Regulation (FAR) Subpart 6.302-1 entitled, "Only One Responsible Source and No Other Supplies or Services Will Satisfy Agency Requirements."

- 5. A statement demonstrating the unique qualifications of the proposed contractor or the nature of the action requiring the use of the authority.**

All Security contractor/integrator personnel must be manufacturer-certified (Hirsch/Identiv) and capable of an installation that falls under the manufacturer's guidelines necessary to obtain a manufacturer warranty. The integrator shall provide all components/materials essential for a complete and functional security access and surveillance system.

Security contractor/integrator shall adhere to Division 1 general requirements and written security Specifications and Drawings within this construction package and shall be responsible for complying with all local, state and federal laws or regulations applicable to the work being performed, even though said law, rule or regulation is not identified herein.

6. A description of efforts to ensure that offers were solicited from as many potential sources as is practicable. Include whether or not a FedBizOps announcement was made and what response, if any, was received, or include the exception under FAR 5.202 if not synopsising. Describe whether any additional or similar requirements are anticipated in the future (this may not be included as an addendum; but must be in the body of the JOFOC).

The Hirsch/Identiv access control system encompasses proprietary data and can only be used with the Hirsch/Identiv Velocity access control system, therefore, justification for other than full and open competition for the new LTSCI project is based primarily on the system's current use and the magnitude of costs, scope, and efforts required to replace said system and its database. Although replacement is fully within realm of feasibility, it would not be recommended to replace the system for the following reasons:

- Replacement of the existing access control software would require mass reconfiguration of existing access control portals to include door controllers, interface boards, panels, and possibly wiring to those portals.
- It would also require mass re-enrolment of existing staff members currently holding credentials to allow access to those portals. Depending on the quantity of enrollees in the database, this would be a substantial undertaking.
- Currently, there are card readers (i.e. DS47L series Scramble Pads) distributed throughout the campus that are proprietary to the Hirsch/Identiv access control system. Replacement of the access control system software (manufacturer) would require extensive replacement of existing card readers across the campus, regardless if no other facility within the campus are within the scope of the LTSCI project. Although not all card readers on campus are proprietary to the Hirsch/Identiv access control system, the majority of components connected to, and through, the access control system would be significantly affected.
- The costs and efforts associated with the extensive replacement of access control software, components, and appurtenances would not be cost-effective since the system is functioning properly and per design specifications and VA standards; is the sole access control system within the campus; is compatible with the existing Avigilon Video Management System (VMS); and existing components within the system would have to be replaced to accommodate a new manufacturer's software.

Adding components to the scope of the new LTSCI project facilities (LTSCI Main Building, Office Building, and Warehouse) to the existing access control system will not reduce, undermine, or otherwise change the existing security operations and will maintain its current state even during installation of the new buildings

- 7. The anticipated dollar value of the proposed acquisition, including options if applicable, and a determination by the Contracting Officer that the anticipated cost to the Government will be fair and reasonable.**

The costs and efforts associated with the extensive replacement of access control software, components, and appurtenances would not be cost-effective since the system is functioning properly and per design specifications and VA standards; is the sole access control system within the campus; is compatible with the existing Avigilon Video Management System (VMS); and existing components within the campus system would have to be replaced to accommodate a new manufacturer's software and/or database. ~~_____~~

- 8. A description of the market research conducted and the results.**

Other manufacturers or sources not researched as this request is for sole source equipment that has full interface and compatibility with existing Hirsch/Identiv system. The VA needs to be able to fully interface the Hirsch/Identiv with the various buildings within the VA campus wide system. The only reasonable and practicable way that the VA can accomplish this is by using a product that has the features or capabilities identified above and is cross-compatible with the existing database of the existing system.

- 9. Any other facts supporting the use of other than full and open competition.**

- 10. A listing of any sources that expressed a written interest in the acquisition.**

Sources that expressed a written interest in the acquisition: N/A

- 11. A statement of any actions the agency may take to remove or overcome any barriers to competition, if subsequent acquisitions are anticipated.**

N/A - only one source can meet the requirement

Certification

The information contained in this justification for other than full and open competition is certified accurate and complete to the best of my knowledge and belief.

Acquisition Initiator (VANTHCS):

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

CHARLES D. Digitally signed by CHARLES D. BALLARD 230050
Date: 2019.01.30 17:28:41
+05'00'
BALLARD 230050

Signature

Date

Name

Technical Reviewer (Page Southerland Page):

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

Reiko A. Nunley Digitally signed by Reiko A. Nunley
Date: 2019.05.01 14:20:52 -05'00'

Signature

Date

Name

VA Project Manager:

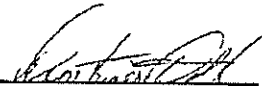
I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

Karen A Wieckowski May 7, 2019
Signature Date

Karen A. Wieckowski
Name

Contracting Officer:

I certify that this justification is accurate and complete to the best of my knowledge and belief.

 5/15/2019
Signature Date

Deontrinese Dalton
Name

Both the technical and requirements personnel are required to certify each justification as to its accuracy and completeness. By signing the justification, the Contracting Officer certifies that the facts and statements made are accurate and complete

Reviews and Approvals

(See FAR 6.2, 6.3 and 6.5 for review and approval requirements under specific circumstances)

Program Senior Official (or designee):

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

Signature

Date

Name

Activity Competition Advocate ~~XXXXXXXXXX~~

I have reviewed this justification and find it to be accurate and complete to the best of my knowledge and belief.


Signature

5/16/2019
Date

James J. Wood
Name

AED/HCA

JOFOC Automatic Transfer Switch Project 549-820B LTSCI

JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION

Automatic Transfer Switch – Bid Package #2

Upon the basis of the following justification, I, as Contracting Officer, hereby approve the use of other than full and open competition of the proposed contractual action pursuant to the authority of 41 U.S.C. 253(c).

- 1. Identification of the agency, contracting activity, and specific identification of the document as justification for other than full and open competition.**

The U.S. Department of Veterans Affairs, Office of Construction & Facilities Management, proposes to enter into a contract on a basis other than full and open competition for the Long-Term Spinal Cord Injury project 549-820B Veterans Administration North Texas Health Care System in Dallas, TX. This justification is for the new transfer switches (ATS) that need to interface with the ASCO Power Quest monitoring system. The new transfer switches in existing building 70 – Central Utility Plant and new building 83 – Long Term Spinal Cord Injury are to be integrated into the existing monitoring system. The existing campus system is an ASCO Power Quest system that currently serves the existing campus buildings and is proposed to serve the new buildings to be constructed in this contract. Proprietary components are required to interface from the ATS to the existing campus power monitoring system.

- 2. The nature and/or description of the action being approved, i.e., sole source, limited competition, establishment of a new source, etc.**

This action is a sole source justification for the requirement that all new transfer switches be required to interface with the ASCO Power Quest monitoring system. The competitively awarded contract will include the extension of new transfer switches in existing building 70 – Central Utility Plant and new building 83 – Long Term Spinal Cord Injury to be integrated into the existing monitoring system. The existing campus system is an ASCO Power Quest system that currently serves the existing campus buildings and is proposed to serve the new buildings to be constructed in this contract.

- 3. A description of the supplies or services required to meet the agency's needs.**

The requirement is to provide proprietary ASCO Power Quest components and labor, which are compatible with the proprietary ASCO Power Quest monitoring system network utilized by the campus with the head end located in the Building Management Command Center located in the central plant. This will allow the North Texas Health Care System in Dallas, TX to efficiently and effectively monitor all transfer switches in its facilities, ensuring the highest level of safety and health for all patients, staff, and visitors occupying the buildings, using equipment specifically designed to interface with the proprietary, networked transfer switch monitoring system installed throughout the campus.

JOFOC Automatic Transfer Switch Project 549-820B LTSCI

4. The statutory Authority permitting other than full and open competition.

The statutory authority permitting other than full and open competition at 41 U.S.C.253©(1) as implemented by the Federal Acquisition Regulation (FAR) Subpart 6.302 entitled, "Only One Responsible Source and No Other Supplies or Services Will Satisfy Agency Requirements."

5. A statement demonstrating the unique qualifications of the proposed contractor or the nature of the action requiring the use of authority.

ASCO Power Quest is the transfer switch monitoring system provided for the campus and monitors the existing buildings transfer switches. The existing campus transfer switch monitoring system requires a proprietary software interface to connect to the ASCO Power Quest monitoring software. The transfer switch monitoring equipment is highly specialized for the VA and there would be a substantial duplication of cost to the government for another monitoring infrastructure to be implemented by a contractor other than the system which is already in place by the incumbent. For a manufacturer to utilize something other than ASCO Power Quest components, an additional infrastructure system would be needed, resulting in duplication of costs. Additional time would also be needed for the installation of an infrastructure, additional software implementation and any licensing fees.

6. A description of efforts to ensure that offers were solicited from as many potential sources as is practicable. Include whether or not a FedBizOps announcement was made and what response, if any, was received, or include the exception under FAR 5.202 if not synopsising. Describe whether any additional or similar requirements are anticipated in the future (this may not be included as an addendum, but must be in the body of the JOFOC).

Efforts to ensure that offers solicited from as many sources as practicable will include synopsising the construction contract as required by FAR 5.2. This sole source justification is meant to only allow for specifying brand name for the components that must interface with the proprietary, networked transfer switch monitoring installed throughout the campus which will impact only a small portion of the construction contract anticipated to be awarded. Where possible, the construction contract will allow full and open competition for all.

The transfer switch monitoring system is specified in section 26 36 23 – Automatic Transfer Switches. For this construction contract, the subcontractor would provide ASCO Power Quest components to interface with the transfer switch controls. However, with the exception of the proprietary components and labor noted above, the remaining items required for a working system can be competitively bid among various manufacturers, electrical contractors and sub-contractors.

7. The anticipated dollar value of the proposed acquisition, including options if applicable, and a determination by the Contracting Officer that the anticipated cost to the Government will be fair and reasonable.

JOFOC Automatic Transfer Switch Project 549-820B LTSCI

[REDACTED] The ATS equipment is networked for the VA and there would be a substantial duplication of cost to the government for another infrastructure to be implemented by a contractor other than the system which is already in place by the incumbent. For a contractor to install a system other than an ASCO approved proxy to be able to perform these services, an additional infrastructure system would be needed, resulting in duplication of costs. Additional time would also be needed for the installation of infrastructure, cross connection of the multiple metering systems.

8. Description of the Market Research Conducted and the Results, or a Statement of the Reasons Market Research Was Not Conducted:

Other manufacturers or sources not researched as this request is for sole source equipment that has full interface and compatibility with existing ATS monitoring system. The VA needs to be able to fully interface the ATS(s) of the various buildings with the VA campus wide system. The only reasonable and practicable way that the VA can accomplish this is by using a product that has the features or capabilities identified above.

9. Any other facts supporting the use of other than full and open competition.

The overall project renovates space in three buildings that currently utilize the ASCO Power Quest monitoring system. This contract provides a new building (Bldg 83). The entire campus uses the ASCO Power Quest Transfer Monitoring System. Technical specifications for the ASCO Power Quest System cannot be modified to use on other than ASCO Power Quest addressable modules and software. Redundant hardware and additional integration or non-addressable devices would be required to allow the other manufacturers to work on the system. System complexity would be unacceptably increased and the Government would incur redundant and increased costs associated with operating multiple systems simultaneously, including:

- i. Costs for operating and maintaining additional software licenses and having redundant head ends consisting of workstations and data servers.
- ii. Increased training costs for operators and facility personnel who would be required to stay proficient on and use multiple systems.
- iii. Potential for confusion with who to contact for issues and service during warranty and the life of the system (potentially delaying repairs and adversely impacting healthcare operations).
- iv. Multiple sets of different monitoring system as-built drawings to keep up to date and continually manage for operators and facility personnel use.
- v. Labor hours needed to integrate point attributes on multiple data servers. These hours would impact both the Contractor and the Government. The Contractor to initially install the system and the Government in the future troubleshooting failures.
- vi. When software upgrades occur on either system, additional costs to resolve integration issues may be incurred to insure proper communication between the systems.
- vii. Increased inventory and storage required for spare parts for multiple manufacturers.

JOFOC Automatic Transfer Switch Project 549-820B LTSCI

Certification

The information contained in this justification for other than full and open competition is certified accurate and complete to the best of my knowledge and belief.

Acquisition Initiator (VANTHCS):

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

CHARLES D. Digitally signed by CHARLES D.
BALLARD 230050
Date: 2019.04.30 17:26:25
+05'00'
BALLARD 230050

Signature

Date

Name

Technical Reviewer (Page Southerland Page):

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.



Signature

5-1-2019


Date

Dale Robinson

Name

VA Project Manager:

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

 May 7, 2019

Signature

Date

Karen A. Wieckowski

Name

JOFOC Automatic Transfer Switch Project 549-820B LTSCI

Contracting Officer:

I certify that this justification is accurate and complete to the best of my knowledge and belief.



May 8, 2019

Signature

Date

Deontrinese Dalton

Name

Both the technical and requirements personnel are required to certify each justification as to its accuracy and completeness. By signing the justification, the Contracting Officer certifies that the facts and statements made are accurate and complete

JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION

Building Management, Automation and Control System – Bid Package #2

Upon the basis of the following justification, I, as Contracting Officer, hereby approve the use of other than full and open competition of the proposed contractual action pursuant to the authority of 41 U.S.C. 253(c).

- 1. Identification of the agency, contracting activity, and specific identification of the document as justification for other than full and open competition.**

The U.S. Department of Veterans Affairs, Office of Construction & Facilities Management, proposes to enter into a contract on a basis other than full and open competition for the Long Term Spinal Cord Injury projects 549-820B Veterans Administration North Texas Health Care System in Dallas, TX. This action is for in-building Building Management, Automation, and Control System including network interface cards, control valves, control sensors, Addressable input / output modules, necessary building feedback to the control center located in the Central Plant, and associated proprietary programming labor required for proper installation. The competitively awarded contract will include the extension of the existing Building Automation System in existing buildings 70 – Central Utility Plant, 74 – Acute Care Spinal Cord Injury, and installation in new building 83 – Long Term Spinal Cord Injury. The existing campus control system is the Siemens Apogee system that currently serves the existing buildings listed above and is proposed to serve the new building to be constructed in this contract.

- 2. The nature and/or description of the action being approved, i.e., sole source, limited competition, establishment of a new source, etc.**

This action is a sole source justification for in-building Building Management, Automation, and Control System including network interface cards, control valves, control sensors, Addressable input / output modules, necessary building feedback to the control center located in the Central Plant, and associated proprietary programming labor required for proper installation. The competitively awarded contract will include the extension of the existing Building Automation System in existing buildings 70 – Central Utility Plant, 74 – Acute Care Spinal Cord Injury, and installation in new building 83 – Long Term Spinal Cord Injury. The existing campus control system is the Siemens Apogee system that currently serves the existing buildings listed above and is proposed to serve the new building to be constructed in this contract.

- 3. A description of the supplies or services required to meet the agency's needs.**

The requirement is to provide proprietary Siemens Building Technologies (SBT) in-building Apogee Building Management, Automation, and Control System components and labor, which are compatible with the proprietary SBT control system network utilized by the campus with the head end located in the Building Management Command Center located in the central plant. This will allow the North Texas Health Care System in Dallas, TX to efficiently and effectively monitor and control all Automated Building Management and Controls systems in its facilities, ensuring the highest level of building control for comfort, safety, and health for all patients,

JFOFC Building Management, Automation and Control System Project 549-820B LTSCI

staff, and visitors occupying the buildings, using equipment specifically designed to interface with the proprietary, networked Building Management and Automation System installed throughout the campus.

4. The statutory Authority permitting other than full and open competition.

The statutory authority permitting other than full and open competition at 41 U.S.C.253©(1) as implemented by the Federal Acquisition Regulation (FAR) Subpart 6.302 entitled, "Only One Responsible Source and No Other Supplies or Services Will Satisfy Agency Requirements."

5. A statement demonstrating the unique qualifications of the proposed contractor or the nature of the action requiring the use of authority.

The Siemens Apogee Building Management, Automation, and Control System is the control system provided for the campus and must communicate with the existing buildings to be renovated, which currently have the SBT system, and the new buildings to be provided in this contract. The existing campus control system requires a proprietary software interface to connect to the Siemens Apogee system located in the Central Plant Command Center.

6. A description of efforts to ensure that offers were solicited from as many potential sources as is practicable. Include whether or not a FedBizOps announcement was made and what response, if any, was received, or include the exception under FAR 5.202 if not synopsising. Describe whether any additional or similar requirements are anticipated in the future (this may not be included as an addendum, but must be in the body of the JFOFC).

Efforts to ensure that offers solicited from as many sources as practicable will include synopsising the construction contract as required by FAR 5.2. This sole source justification is meant to only allow for specifying brand name for the components that must interface with the proprietary, networked Building Management, Automation, and Control System installed throughout the campus which will impact only a small portion of the construction contract anticipated to be awarded. Where possible, the construction contract will allow full and open competition for all but the Building Management, Automation, and Control System components.

The in-building Building Management, Automation, and Control System is specified in section 23 09 23 – Direct Digital Control System for HVAC. It is typical for this scope of work to be subcontracted by the mechanical contractor to a Building Management, Automation, and Control System contractor, such as SBT, as a turnkey system. For this construction contract, SBT would provide this turnkey system. However, with the exception of the proprietary components and labor noted above, the remaining items required for a working system can be competitively bid among various manufacturers, mechanical contractors and sub-contractors within the turnkey system cost.

7. The anticipated dollar value of the proposed acquisition, including options if applicable, and a determination by the Contracting Officer that the anticipated cost to the Government will be fair and reasonable.

[REDACTED] question is appropriate.
[REDACTED] Siemens Building Technologies (SBT) in-building Apogee Building Management, Automation, and Control System components and labor associated with the project. The estimate is based on the allowance for the division 23 09 00 Instrumentation and Control for HVAC cost estimate issued in the CD-2 package. The cost for the proprietary system is anticipated to be approximately 10% – 30% above the open bid controls system. The unknown quantity is the cost impact of any required gateways for communication between the existing Siemens system and other systems.

8. A description of the market research conducted and the results.

Market research included discussion with the various building controls representatives to confirm the estimated premium associated with the proprietary controls system.

9. Any other facts supporting the use of other than full and open competition.

The overall project renovates space in three buildings that currently utilize the Siemens Apogee Building Management, Automation, and Control System. Demolishes one building and replaces it with a new building and provides a new building. The entire campus uses the Siemens Apogee Building Management, Automation, and Control System. Technical specifications for the Building Management, Automation, and Control System cannot be modified to use other than SBT manufactured addressable modules and software for the BMS control panel. Redundant hardware and additional integration or non-addressable devices would be required to allow the other manufacturers to work on the SBT system. System complexity would be unacceptably increased and the Government would incur redundant and increased cost associated with operating multiple systems simultaneously, including:

- i. Costs for operating and maintaining additional software licenses and having redundant head ends consisting of workstations and data servers.
- ii. Increased training costs for operators and facility personnel who would be required to stay proficient on and use multiple systems.
- iii. Potential for confusion with who to contact for issues and service during warranty and the life of the system (potentially delaying repairs and adversely impacting healthcare operations).
- iv. Multiple sets of different in-building Building Management, Automation, and Control System as-built drawings to keep up to date and continually manage for operators and facility personnel use.
- v. Construction labor hours needed to integrate point attributes on multiple data servers.
- vi. When software upgrades occur on either system, additional costs to resolve integration issues may be incurred to insure proper communication between the systems.
- vii. Increased inventory and storage required for spare parts for multiple manufacturers.

Certification

Acquisition Initiator (VANTHCS):

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

CHARLES D.
BALLARD 230050

Digitally signed by CHARLES D. BALLARD 230050
DN: cn=CHARLES D. BALLARD 230050, o=US
Date: 2019.04.30 17:22:27 -0700

Signature

Date

Name

Technical Reviewer (Page Southerland Page):

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

William E. Korman

Signature

Date

Name

VA Project Manager:

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

Karen A. Wieckowski May 7, 2019

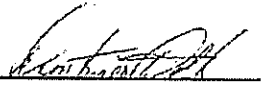
Signature Date

Karen A. Wieckowski
Name

JOFOC Building Management, Automation and Control System Project 549-820B LTSCI

Contracting Officer:

I certify that this justification is accurate and complete to the best of my knowledge and belief.

 5/15/2019

Signature Date

Deontrinese Dalton

Name

Both the technical and requirements personnel are required to certify each justification as to its accuracy and completeness. By signing the justification, the Contracting Officer certifies that the facts and statements made are accurate and complete

Reviews and Approvals

(See FAR 6.2, 6.3 and 6.5 for review and approval requirements under specific circumstances)

Program Senior Official (or designee):

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

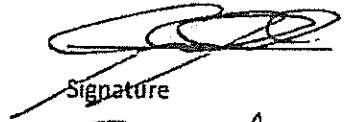

Signature Date

Name

JOFOC Building Management, Automation and Control System Project 549-820B LTSC1

Activity Competition Advocate ~~XXXXXXXXXXXXXXXXXXXX~~

I have reviewed this justification and find it to be accurate and complete to the best of my knowledge and belief.


Signature
Date 5/16/2019

Name

JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION

Power Monitoring – Bid Package #2

Upon the basis of the following justification, I, as Contracting Officer, hereby approve the use of other than full and open competition of the proposed contractual action pursuant to the authority of 41 U.S.C. 253(c).

- 1. Identification of the agency, contracting activity, and specific identification of the document as justification for other than full and open competition.**

The U.S. Department of Veterans Affairs, Office of Construction & Facilities Management, proposes to enter into a contract on a basis other than full and open competition for the Long Term Spinal Cord Injury projects 549-820B & 549-820C Veterans Administration North Texas Health Care System in Dallas, TX. This for the electrical metering that is required to interface with the Square D Power Logic monitoring system.

- 2. The nature and/or description of the action being approved, i.e., sole source, limited competition, establishment of a new source, etc.**

This action is a sole source justification for the requirement that all electrical metering be required to interface with the Square D Power Logic monitoring system. This competitively awarded contract will include the extension of all metering point in building 83 – Long Term Spinal Cord Injury to be integrated into the existing system. The existing campus system is a Square D Power Logic system that currently serves the existing campus buildings and is proposed to serve the new buildings to be constructed in this contract.

- 3. A description of the supplies or services required to meet the agency's needs.**

The requirement is to provide proprietary Square D electrical metering components and labor, which are compatible with the proprietary Square D monitoring system network utilized by the campus with the head end located in the Building Management Command Center located in the central plant. This will allow the North Texas Health Care System in Dallas, TX to efficiently and effectively monitor building electrical loads in its facilities, ensuring the highest level of safety and health for all patients, staff, and visitors occupying the buildings, using equipment specifically designed to interface with the proprietary, networked electrical meter monitoring system installed throughout the campus.

- 4. The statutory Authority permitting other than full and open competition.**

The statutory authority permitting other than full and open competition at 41 U.S.C.253©(1) as implemented by the Federal Acquisition Regulation (FAR) Subpart 6.302 entitled, "Only One Responsible Source and No Other Supplies or Services Will Satisfy Agency Requirements."

JOFOC Power Monitoring System Project 549-820B LTSCI

- 5. A statement demonstrating the unique qualifications of the proposed contractor or the nature of the action requiring the use of authority.**

Square D Power Logic is the data acquisition monitoring system provided for the campus and monitors the existing buildings loads and energy consumption. The existing campus electrical data acquisition system requires a proprietary software interface to gather trending and consumption information. The electrical data acquisition metering equipment is highly specialized and there would be a substantial duplication of cost to the government for another monitoring infrastructure to be implemented by a contractor other than the system which is already in place by the incumbent. For a manufacturer to utilize something other than the Square D Power Logic components, an additional infrastructure system would be needed, resulting in duplication of costs. Additional time would also be needed for the installation of an infrastructure, additional software implementation and any licensing fees.

- 6. A description of efforts to ensure that offers were solicited from as many potential sources as is practicable. Include whether or not a FedBizOps announcement was made and what response, if any, was received, or include the exception under FAR 5.202 if not synopsising. Describe whether any additional or similar requirements are anticipated in the future (this may not be included as an addendum, but must be in the body of the JOFOC).**

Efforts to ensure that offers solicited from as many sources as practicable will include synopsising the construction contract as required by FAR 5.2. This sole source justification is meant to only allow for specifying brand name for the components that must interface with the proprietary, networked electrical data acquisition system installed throughout the campus which will impact only a small portion of the construction contract anticipated to be awarded. Where possible, the construction contract will allow full and open competition for all.

The electrical data acquisition system is specified in section 26 09 13 – Power Monitoring System. For this construction contract, the subcontractor would provide Square D Power Logic metering components to interface with the existing data acquisition network. However, with the exception of the proprietary components and labor noted above, the remaining items required for a working system can be competitively bid among various manufacturers, electrical contractors and sub-contractors.

- 7. The anticipated dollar value of the proposed acquisition, including options if applicable, and a determination by the Contracting Officer that the anticipated cost to the Government will be fair and reasonable.**

The meter monitoring equipment is highly specialized for the VA and there would be a substantial duplication of cost to the government for another metering infrastructure to be implemented by a contractor other than the system which is already in place by the incumbent. For a contractor to install a system other than a Schneider Electric approved proxy to be able to perform these services, an additional infrastructure system would be needed, resulting in duplication of costs. Additional time would also be needed for the installation of infrastructure,

cross connection of the multiple metering systems. [REDACTED]
[REDACTED]

8. Description of the Market Research Conducted and the Results, or a Statement of the Reasons Market Research Was Not Conducted:

Other manufacturers or sources not researched as this request is for sole source equipment that has full interface and compatibility with existing power monitoring system. The VA needs to be able to fully interface the metering systems of the various buildings with the VA campus wide system. The only reasonable and practicable way that the VA can accomplish this is by using a product that has the features or capabilities identified above.

9. Any other facts supporting the use of other than full and open competition.

The overall project renovates space in three buildings that currently utilize the Square D Power Logic monitoring system. This contract provides a new building (Bldg 83). The entire campus uses the Square D Power Logic metering system. Technical specifications for the Power Logic System cannot be modified to use on other than Square D Power Logic meters and software. Redundant hardware and additional integration or non-addressable devices would be required to allow the other manufacturers to work on the system. System complexity would be unacceptably increased and the Government would incur redundant and increased costs associated with operating multiple systems simultaneously, including:

- i. Costs for operating and maintaining additional software licenses and having redundant head ends consisting of workstations and data servers.
- ii. Increased training costs for operators and facility personnel who would be required to stay proficient on and use multiple systems.
- iii. Potential for confusion with who to contact for issues and service during warranty and the life of the system (potentially delaying repairs and adversely impacting healthcare operations).
- iv. Multiple sets of different monitoring system as-built drawings to keep up to date and continually manage for operators and facility personnel use.
- v. Labor hours needed to integrate point attributes on multiple data servers. These hours would impact both the Contractor and the Government. The Contractor to initially install the system and the Government in the future troubleshooting failures.
- vi. When software upgrades occur on either system, additional costs to resolve integration issues may be incurred to insure proper communication between the systems.
- vii. Increased inventory and storage required for spare parts for multiple manufacturers.

JOFOC Power Monitoring System Project 549-820B LTSCI

Certification

The information contained in this justification for other than full and open competition is certified accurate and complete to the best of my knowledge and belief.

Acquisition Initiator (VANTHCS):

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

CHARLES D. BALLARD 230050
Digitally signed by CHARLES D. BALLARD 230050
Date: 2019.04.30 17:23:49 -0500

Signature

Date

Name

Technical Reviewer (Page Southerland Page):

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.



Signature

5-1-2019
Date

Dale Robinson
Name

JOFOC Power Monitoring System Project 549-820B LTSCI

VA Project Manager:

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

Karen A. Wieckowski May 7, 2019
Signature Date

Karen A. Wieckowski
Name

Contracting Officer:

I certify that this justification is accurate and complete to the best of my knowledge and belief.

 May 8, 2019
Signature Date

Deontrinese Dalton
Name

Both the technical and requirements personnel are required to certify each justification as to its accuracy and completeness. By signing the justification, the Contracting Officer certifies that the facts and statements made are accurate and complete

JOFOC Power Monitoring System Project 549-820B LTSCI

Reviews and Approvals


(See FAR 6.2, 6.3 and 6.5 for review and approval requirements under specific circumstances)

Program Senior Official (or designee):

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

Signature Date

Name

Activity Competition Advocate 

I have reviewed this justification and find it to be accurate and complete to the best of my knowledge and belief.

Signature Date

Name

JOFOC Power Monitoring System Project 549-820B LTSCI

JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION
Structural Connection

Upon the basis of the following justification, I, as Contracting Officer, hereby approve the use of other than full and open competition of the proposed contractual action pursuant to the authority of 41 U.S.C. 253(c).

1. Identification of the agency, contracting activity, and specific identification of the document as a justification for other than full and open competition.

The U.S. Department of Veterans Affairs, Office of Construction & Facilities Management proposes to utilize a patented, but non-sole sourced, structural steel framing system for the Long Term Spinal Cord Injury (LTSCI) Project Number 549-820B at the VA North Texas Health Care System in Dallas, Texas.

2. The nature and/or description of the action being approved, i.e., sole source, limited competition, establishment of a new source, etc.

This action is a justification for engaging a specialty connection engineering firm to implement their connection system in the lateral load resisting and progressive collapse resisting steel framing of the new building (the gravity steel connections, which comprise the majority of connections in the building, will remain conventional). While the design of the system is protected by intellectual property patents and subject to a licensing fee, the construction contracts will still allow for full and open competition for all steel framing elements, as the fabrication, delivery and erection of the steel framing is competitively bid, and can be completed by all steel contractors.

3. A description of the supplies or services required to meet the agency's needs.

The agency requires the design of high-performance structural steel connections that are efficient and resilient in resisting lateral structural loads on the building and protecting the building from progressive collapse. The agency recognizes that connections are typically a point of weakness in the resistance of lateral loads on a building, and significant cost savings can be realized in the structure by using robust connections. This project also seeks to meet design requirements set forth in UFC 4-023-03 for the protection against progressive collapse, and the agency seeks to use structural connections from that document with a demonstrated resilience to progressive collapse. Thus, a high-performance connection will be used.

Toward these requirements, the agency seeks a connection design that mitigates the cost to the project typically associated with high-performance structural steel connections. Cost can be mitigated by using industry standard materials and construction practices, such as bolts and fillet welds, standard strength structural steel, and common structural shapes.

JOFOC Structural Connection Project 549-820B LTSCI

The speed and ease of construction is also considered, as high-performance connections typically cause significant increase the steel erection time.

4. The statutory authority permitting other than full and open competition.

The statutory authority permitting other than full and open competition is 41 U.S.C.253(c)(1) as implemented by the Federal Acquisition Regulation (FAR) Subpart 6.302-1 entitled, "Only One Responsible Source and No Other Supplies or Services Will Satisfy Agency Requirements."

5. A statement demonstrating the unique qualifications of the proposed contractor or the nature of the action requiring the use of the authority.

SidePlate steel connections have been extensively tested for blast and progressive collapse resistance by the GSA and the Defensive Threat Reduction Agency of the Department of Defense (DoD) during their 2004-2007 Blast and Progressive Collapse Test Program. Research and test results from this program were used to create DoD's Unified Facilities Criteria for Progressive Collapse Design 04-023-03 (July 2009), which ranks SidePlate as the highest-performing steel connection system (reference UFC 4-023-03, Table 5-2). Further, designs using SidePlate connections have proven to be the most cost-effective for numerous federal buildings in the past, and hundreds of private sector buildings.

SidePlate is uniquely qualified because their system has unique structural properties that allow for more efficient (lighter and/or shallower) steel framing and faster steel erection versus other systems, but especially for structures that are designed to resist progressive collapse. SidePlate's system is protected by intellectual property patents, but the connections themselves are constructed of standard steel pieces by any steel fabricator using industry-standard techniques. The orientation of these shapes, the analytical and design procedures, and the methodology are exclusive to SidePlate and based on over 20 years of their research.

The design team will use the performance characteristics of the connections developed by SidePlate Systems, Inc. (SidePlate) and incorporate SidePlate's connection information into the Contract Documents. SidePlate's engineers will provide information to the Page Southerland Page design team as requested for the purpose of accurately modeling the SidePlate connection behavior within the overall structural design of the building. SidePlate will then be involved during construction phase to answer bidder questions, to perform relevant shop drawing review, to perform periodic fabricator shop observations, and to perform periodic field observations for the limited purpose of reviewing conformance of the SidePlate connection technology being used on the project.

JOFOC Structural Connection Project 549-820B LTSCI

- 6. A description of efforts to ensure that offers were solicited from as many potential sources as is practicable. Include whether or not a FedBizOps announcement was made and what response, if any, was received, or include the exception under FAR 5.202 if not synopsisizing. Describe whether any additional or similar requirements are anticipated in the future (this may not be included as an addendum, but must be in the body of the JOFOC).**

SidePlate is the only structural steel connection, at this time, that offers the performance capabilities that SidePlate is able to achieve per UFC 4-023-03, Table 5-2. The condition described above for the Dallas VA is a performance-based design that will accept any product that has been tested and approved for use for this alternate method of protection. There is only one provider which offers a product currently meeting these criteria.

- 7. The anticipated dollar value of the proposed acquisition, including options if applicable, and a determination by the Contracting Officer that the anticipated cost to the Government will be fair and reasonable.**

[REDACTED] This fee covers all of SidePlate's engineering, shop, and field services. This fee is valid through 2020. If steel construction starts in 2021 or later, this fee will be reevaluated and may be adjusted. This fee is for the design that has previously been completed under the original criteria and assumptions and includes the fee of converting to the current field-bolted SidePlate system.

The projected construction savings will greatly offset this fee, leaving a significant net savings in total dollars. Historical cost data from similar projects has shown SidePlate designs deliver a net savings in the range [REDACTED] square foot. Savings are recognized in the form of a reduction in structural steel weight, less construction phase special inspections being required, reduced fabricator connection engineering costs, and reduced time in the field. (At this time it appears the savings to be realized to the project for using SidePlate instead of a more conventional structural approach with [REDACTED] [REDACTED] not including the savings to be attributed to lessened testing requirements for the bolted connections.)

- 8. A description of the market research conducted and the results.**

The Department of Defense's Unified Facilities Criteria for Progressive Collapse Design 04-023-03 (July 2009), which is enforced on this project, was reviewed to determine the connection performance of approved connections in the marketplace. Reference UFC 4-023-03, Table 5-2.

JOFOC Structural Connection Project 549-820B LTSCI

9. Any other facts supporting the use of other than full and open competition.

SidePlate designs have been successfully utilized on other U.S. Department of Veterans Affairs projects without issue:

- a. VA Medical Center (Bay Pines, FL) Inpatient & Outpatient Improvements (completed)

Certification

Designer of Record (Page Southerland Page):

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.



Signature

4/15/2019

Date

Bradley F Cheshire, PE

Name

VA CFM initiator:

I accept the recommendation by the Designer of Record, Page Southerland Page and certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.



Signature

04/16/2019

Date

Karen A. Wieckowski, VA CFM Project Manager

Name

JOFOC Structural Connection Project 549-820B LTSCI

VA Project Manager:

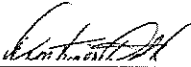
I certify that this justification is accurate and complete to the best of my knowledge and belief.

KarenAWieckowski _____
Signature Date

Karen A. Wieckowski, VA CFM Project Manager
Name

Contracting Officer:

I certify that this justification is accurate and complete to the best of my knowledge and belief.

 _____
Signature Date

Deontrinese Dalton
Name

Both the technical and requirements personnel are required to certify each justification as to its accuracy and completeness. *By signing the justification the Contracting Officer certifies that the facts and statements made are accurate and complete*

Reviews and Approvals

(See FAR 6.2, 6.3 and 6.5 for review and approval requirements under specific circumstances)

Program Senior Official (or designee):

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

Signature

Date

Name

Activity Competition Advocate [REDACTED]

I have reviewed this justification and find it to be accurate and complete to the best of my knowledge and belief.

Signature

Date

Name

JOFOC Steam Trap Monitoring System Project 549-820B LTSCI

JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION

Steam Trap Monitoring System – Bid Package #2

Upon the basis of the following justification, I, as Contracting Officer, hereby approve the use of other than full and open competition of the proposed contractual action pursuant to the authority of 41 U.S.C. 253(c).

- 1. Identification of the agency, contracting activity, and specific identification of the document as justification for other than full and open competition.**

The U.S. Department of Veterans Affairs, Office of Construction & Facilities Management, proposes to enter into a contract on a basis other than full and open competition for the Long Term Spinal Cord Injury projects 549-820B Veterans Administration North Texas Health Care System in Dallas, TX. This is for in-building Steam Trap Monitoring System (STM) including network interface cards, control valves, control sensors, Addressable input / output modules, necessary building feedback to the control center located in the Central Plant, and associated proprietary programming labor required for proper installation. The competitively awarded contract will include the extension of the existing campus Steam Trap Monitoring System installation into new building 83 – Long Term Spinal Cord Injury. The existing campus STM system is Armstrong Steam Trap Monitoring system that currently serves the existing campus and is proposed to serve the new building to be constructed in this contract.

- 2. The nature and/or description of the action being approved, i.e., sole source, limited competition, establishment of a new source, etc.**

This action is a sole source justification for in-building Steam Trap Monitoring System (STM) including network interface cards, control valves, control sensors, Addressable input / output modules, necessary building feedback to the control center located in the Central Plant, and associated proprietary programming labor required for proper installation. The competitively awarded contract will include the extension of the existing campus Steam Trap Monitoring System installation into new building 83 – Long Term Spinal Cord Injury. The existing campus STM system is Armstrong Steam Trap Monitoring system that currently serves the existing campus and is proposed to serve the new building to be constructed in this contract.

- 3. A description of the supplies or services required to meet the agency's needs.**

The requirement is to provide proprietary Armstrong Steam Trap Monitoring System components and labor, which are compatible with the proprietary Armstrong monitoring system network utilized by the campus with the head end located in the Building Management Command Center located in the central plant. This will allow the North Texas Health Care System in Dallas, TX to efficiently and effectively monitor all steam traps in its facilities, ensuring the highest level of building control for comfort, safety, and health for all patients, staff, and visitors occupying the buildings, using equipment specifically designed to interface with the proprietary, networked steam trap monitoring system installed throughout the campus.

JOFOC Steam Trap Monitoring System Project 549-820B LTSCI

4. The statutory Authority permitting other than full and open competition.

The statutory authority permitting other than full and open competition at 41 U.S.C.253©(1) as implemented by the Federal Acquisition Regulation (FAR) Subpart 6.302 entitled, "Only One Responsible Source and No Other Supplies or Services Will Satisfy Agency Requirements."

5. A statement demonstrating the unique qualifications of the proposed contractor or the nature of the action requiring the use of authority.

The Armstrong STM is the steam trap monitoring system provided for the campus and must communicate with the existing buildings to be renovated and the new buildings to be provided in this contract. The existing campus STM system requires a proprietary software interface to connect to the Armstrong STM system located in the Building Management Command Center located in the central plant.

6. A description of efforts to ensure that offers were solicited from as many potential sources as is practicable. Include whether or not a FedBizOps announcement was made and what response, if any, was received, or include the exception under FAR 5.202 if not synopsising. Describe whether any additional or similar requirements are anticipated in the future (this may not be included as an addendum, but must be in the body of the JOFOC).

Efforts to ensure that offers solicited from as many sources as practicable will include synopsising the construction contract as required by FAR 5.2. This sole source justification is meant to only allow for specifying brand name for the components that must interface with the proprietary, networked steam trap monitoring installed throughout the campus which will impact only a small portion of the construction contract anticipated to be awarded. Where possible, the construction contract will allow full and open competition for all but the steam traps and trap monitoring system components.

The in-building steam trap monitoring system is specified in section 23 22 13 – Steam and Condensate Heating Piping. It is typical for this scope of work to be subcontracted by the mechanical contractor to a steam piping contractor as a turnkey system. For this construction contract, the subcontractor would provide Armstrong steam traps and monitoring controls. However, with the exception of the proprietary components and labor noted above, the remaining items required for a working system can be competitively bid among various manufacturers, mechanical contractors and sub-contractors.

7. The anticipated dollar value of the proposed acquisition, including options if applicable, and a determination by the Contracting Officer that the anticipated cost to the Government will be fair and reasonable.

JOFOC Steam Trap Monitoring System Project 549-820B LTSCI

The anticipated dollar value of the sole source brand name acquisition [REDACTED] for proprietary in-building Steam Trap Monitoring system components and labor associated with the project. [REDACTED] The [REDACTED] Armstrong representative for an [REDACTED] estimate of 10 steam traps for the [REDACTED] project.

8. A description of the market research conducted and the results.

Market research included a discussion with the Armstrong representative to confirm the estimated price of the monitoring system and the operation of the system. The current Steam Trap Monitoring system is connected to a dedicated computer located in the Building Management Command Center located in the central plant. Steam trap monitoring equipment other than Armstrong will not communicate with the Armstrong front end equipment.

Since the current system does not communicate with the existing Siemens Building Technologies (SBT) in-building Apogee Building Management, Automation, and Control System, the Dallas VA is currently planning to contract with Armstrong to remotely monitor the steam traps and advise the VA of traps requiring service. Steam trap monitors that do not communicate with the Armstrong Steam Trap Monitoring system would not be addressable with that system.

Other manufacturers contacted to verify compatibility with the Armstrong steam trap monitoring equipment are Spirax-Sarco and Emerson. Both of these vendors offer the same service and said that their systems are not compatible with the Armstrong steam trap monitoring system without the use of gateways. Previous experience with the use of gateways to allow communication between incompatible systems has resulted in control problems and lack of acceptance of responsibility of problems that may arise.

9. Any other facts supporting the use of other than full and open competition.

The overall project renovates space in three buildings that currently utilize the Armstrong steam trap monitoring system. Demolishes one building and replaces it with a new building and provides a new building. The entire campus uses the Armstrong Steam Trap Monitoring System. Technical specifications for the STM cannot be modified to use other than Armstrong addressable modules and software for the BMS control panel. Redundant hardware and additional integration or non-addressable devices would be required to allow the other manufacturers to work on the STM system. System complexity would be unacceptably increased and the Government would incur redundant and increased cost associated with operating multiple systems simultaneously, including:

- i. Costs for operating and maintaining additional software licenses and having redundant head ends consisting of workstations and data servers.
- ii. Increased training costs for operators and facility personnel who would be required to stay proficient on and use multiple systems.

JOFOC Steam Trap Monitoring System Project 549-820B LTSCI

- iii. Potential for confusion with who to contact for issues and service during warranty and the life of the system (potentially delaying repairs and adversely impacting healthcare operations).
- iv. Multiple sets of different in-building Building Management, Automation, and Control System as-built drawings to keep up to date and continually manage for operators and facility personnel use.
- v. Construction labor hours needed to integrate point attributes on multiple data servers.
- vi. When software upgrades occur on either system, additional costs to resolve integration issues may be incurred to insure proper communication between the systems.
- vii. Increased inventory and storage required for spare parts for multiple manufacturers.

Certification

The information contained in this justification for other than full and open competition is certified accurate and complete to the best of my knowledge and belief.

Acquisition Initiator (VANTHCS):

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

CHARLES D. BALLARD 230050
Digitally signed by CHARLES D. BALLARD 230050
Date: 2019.04.30 17:21:16 -0500

Signature

Date

Name

Technical Reviewer (Page Southerland Page):

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

William E. Kinman
Digitally signed by William E. Kinman
Date: 2019.04.30 15:05:00

Signature

Date

Name

JOFOC Steam Trap Monitoring System Project 549-820B LTSCI

VA Project Manager:

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

Karen A. Wieckowski May 7, 2019
Signature Date

Karen A. Wieckowski
Name

Contracting Officer:

I certify that this justification is accurate and complete to the best of my knowledge and belief.

 May 8, 2019
Signature Date

Deontrinese Dalton
Name

Both the technical and requirements personnel are required to certify each justification as to its accuracy and completeness. By signing the justification, the Contracting Officer certifies that the facts and statements made are accurate and complete

JOFOC Steam Trap Monitoring System Project 549-820B LTSCI

Reviews and Approvals

(See FAR 6.2, 6.3 and 6.5 for review and approval requirements under specific circumstances)

Program Senior Official (or designee):

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.

Signature Date

Name

Activity Competition Advocate 

I have reviewed this justification and find it to be accurate and complete to the best of my knowledge and belief.

Signature Date

Name