

SOURCE SELECTION INFORMATION - SEE FAR 2.101 and 3.104



**DEPARTMENT OF THE NAVY
NAVAL SURFACE WARFARE CENTER
PANAMA CITY DIVISION
110 VERNON AVENUE
PANAMA CITY, FL 32407-7001**

IN REPLY REFER TO:

J&A Number: 0045-0020
Code: [REDACTED]
P.R. Number: N613311300245417

**JUSTIFICATION AND APPROVAL
TO PROCURE USING OTHER THAN FULL AND OPEN COMPETITION**

JUSTIFICATION

1. Contracting Activity

The Naval Sea Systems Command, Naval Surface Warfare Center Panama City Division (NSWC PCD), Code [REDACTED], 110 Vernon Avenue, Panama City, FL 32407-7001.

2. Description of the Action Being Approved

Award of a delivery order is anticipated on a sole source basis against the Federal Supply Schedule General Services Administration Schedule Contract to provide infrastructure hardware for the Deployable Joint Command and Control (DJC2) System. The supplies will be procured from HDT Global (formerly HDT Expeditionary Systems, Inc. and HDT Ep), 6061 North Lee Highway, VA 24435 under GSA schedule GS-07F-0173J.

3. Description of Supplies/Services.

DJC2 provides a standardized, integrated, rapidly deployable, modular, scalable and reconfigurable Joint C2 system to Geographical Combatant Commands (GCC) to support operations ranging from a small early entry forward component up to and including Joint Task Force (JTF) operations. The system is designed to provide commanders a mission critical, integrated family of systems with which to plan, control, coordinate, execute, and assess operations across the spectrum of conflict.

A fully fielded DJC2 system includes: shelters; infrastructure; trailers; communications equipment (to support nested en route and early entry operations only), Government-off-the-shelf (GOTS) C2 and commercial-off-the-shelf (COTS) office automation and collaboration software applications with operator workstations; displays; intercommunications; local area networks; and access to wide area networks.

J&A Number 0045-0020

The Deployable Joint Command and Control system (DJC2), part number, AN/USQ-201 has been chosen as the solution to the Marine Corps Systems Command (MCSC) Combat Operations Center (COC) Variant (V) 1. To support this new requirement, HDT Global equipment is necessary.

The contractor shall provide by GSA Federal Supply Schedule:

<u>ITEM DESCRIPTION</u>	<u>PART NUMBER</u>	<u>QUANTITY</u>
Shelter Base-X, 307	60307TN-DJC2	10
Boot, Open End, 300	61B30EOTN	12
Boot, Side To Side	61B002TN-DJC2	18
Vestibule, Blackout	61BV02TN-DJC2	6
Boot, Open End, 300-Dome	61B30EDOMETN	20
Boot, End Door	61B001DOMETN	6
Wall, Divider, 300	61W3	9
Boot, Connector, End	61B001TN	9
Trunk, Plenum, 300	65PTRNK01	21
Plenum 205, Removable	65P205-R	2
Plenum, Nozzle/Diverter	65PND01	8
Shelter, Base-X, 305	60305TN-DJC2	8
Shelter, Base-X, 103	60103TN-DJC2	6
Shelter, Base-X, 8D36	608D36TN-DJC2	6
Bag, Chair, Black	49CHAIRBK	92
Snow Load Support Kit	69-SLS8D36	9

The estimated award value of the acquisition is \$636,370 of Fiscal Year 2011 Other Procurement Navy (OPN) funds.

The Government's minimum needs have been verified by the certifying technical and requirements personnel. This acquisition is to satisfy the requirements of the NSWC PCD Operational Command and Control Branch Code E25 in support of DJC2. Estimated delivery will be twenty weeks from receipt of order by the contractor. This J&A does not authorize acquisition for other requirements.

J&A Number 0045-0020

4. Statutory Authority Permitting Other Than Full and Open Competition

This GSA Item acquisition is conducted under the authority of the Multiple Award Schedule Program, Title III of the Federal Property and Administrative Service Act of 1949 (41 U.S.C. 251, et seq. and 40 U.S.C. 501). An order for the items described in section 3 will be placed pursuant to the authority of FAR 8.405-6(a)(1)(i)(B).

5. Rationale Justifying Use of Cited Statutory Authority

In 2003 and 2004, the DJC2 Joint Program Office Integration team performed market research by identifying commercially available solutions, interviewing operational DoD users of comparable systems and analyzing similar system operational deployments to determine the leading candidates for the DJC2 Infrastructure, Environmental Control. The DJC2 team also gathered historical pricing, logistics data and warranty information on the most qualified candidates. Soft Shelter/Tents (produced by [REDACTED] and [REDACTED]) were selected for further testing. The Deployable Joint Command and Control (DJC2) Joint Program Office (JPO) conducted the initial Developmental Test (DT) Milestone B Increment I (BI) of DJC2 at an OCONUS location from 18 January to 6 February 2004. The [REDACTED] tent system did not meet set-up time and weight requirements, the [REDACTED] tent system met all of the requirements. [REDACTED] is now part of HDT Global.

In FY11 market research was conducted by the DJC2 Team by attending the Modern Day Marine Expo in Quantico, Va, and the Joint Committee on Tactical Shelters in Panama City, Fl. Additional market research was performed during deployments with other expeditionary systems. [REDACTED]

[REDACTED] shelters were assessed. Common issues among these vendors when compared to the HDT COTs product were:

- 1) increased set-up time and complexity
- 2) increased weight
- 3) lack of capability to interface with existing HDT Modules (electrical and shelter interface).

Also, a sources sought announcement for the Soft Shelter System was issued 16 December 2011. Only one vendor [REDACTED] submitted information. However, the information received only covered a portion of the shelter requirements rather than addressing the integrated system as requested. In addition, [REDACTED] shelter did not meet the size requirements of

J&A Number 0045-0020

the one shelter component they were actually addressing. Further market research discovered [REDACTED] did not have a COTS solution that addressed the integrated soft walled shelter structure requirements. Program strategy is to continue with a full COTS solution and to avoid developmental or customized items because of increased cost, schedule and sustainment risks.

Continued testing followed to certify the DJC2 system with the Tents, Power Distribution Units and Environmental Control Units. Table 1 lists the DJC2 Certifications and Evaluations that were conducted to qualify these HDT components as part of the operational DJC2 system. Through these tests, the HDT [REDACTED] components listed were qualified as part of the DJC2 System because they met the DJC2 program usability, sustainability, durability, cost and human factors requirements.

Certification/Test Report	DJC2 Sub System				
	IT/ Data/ Network	Infrastructure	Power Distribution	Transportability	Communications
United Joint Interoperability Test Certification of the Deployable Joint Command and Control System Element 1, Sprint 1.3, DSEA, 5 Jun 2011	X				X
Authorization To Operate (ATO) Type Accreditation for Unclassified Non-Navy DJC2 Core and Early Entry SIPRNET/Internet Release-1, Naval Network Warfare Command, 16 Sep 2010	X				X
Authorization to Operate (ATO) /Type accreditation of the classified Non-Navy DJC2 Core and Early Entry SIPRNET/CENTRIX Release-1, Naval Network Warfare Command, 16 Sep 2010	X				X
DJC2 Transportability Report, DJC2 Joint Program Office, 15 Nov 2006	X	X	X	X	X
Air Transportability Certification of DJC2, HQ AFMCC, 19 Jan 2007	X	X	X	X	X
Final Transportability Analysis and Approval for the DJC2 System, Military Surface and Distribution Command Engineering Agency, 6 Mar 2007	X	X	X	X	X
DTC PROJECT NO. 2006-DT-ATC-NOVED-D1074 REPORT NO. ATC-0431 (Environmental Studies and) US Army Aberdeen Test Center, January 2006		X	X		
Developmental test and Evaluation (DT&E) report for the DJC2 System, DT-CIRA (Environmental testing), 49th Test Squadron, Aug 2006	X	X	X	X	X
Electromagnetic Environmental Effects Emitters Control and Personnel-Borne Electrostatic Discharge Developmental Test and Evaluation Testing of the DJC2 System, Redstone Arsenal Test Center, May 2007	X	X	X	X	X
DJC2 System Rapid Response Kit Mobile Service Operational Test and Evaluation (OT-C3(B1) OT-C3(B1) Final Report to the Chief of Naval Operations MCOPTVFOR 3980 (J1666-OT-C3(B1) Ser 423-60, 28 Jun 2008	X	X	X	X	X

Table 1: DJC2 System Certifications and Evaluations

J&A Number 0045-0020

The HDT components addressed on this J&A are part of the current standardized DJC2 System and are identified on source control drawings. These components will be used to fulfill the DJC2 Core Expansion requirements. New Core Expansion drawings provide assembly and integration instructions utilizing these standardized pre-existing DJC2 components. The DJC2 Core system may be deployed independently or in conjunction with one or more Core Expansion Kits. The subcomponents of the DJC2 system are inter-related and are dependent on each other. For example, network and power grid layout is interdependent with the tents. A change to one affects the other and cannot be accomplished without redesign efforts. The interoperability of all of the individual components has the potential to cause cascading issues if components are changed between configuration releases.

DJC2 components undergo some individual early developmental testing but are primarily tested in whole as a system. The parts contained in this J&A are individual components that have been integrated, tested and certified as a system to perform to rigid requirements for power consumption, power output, temperature, interoperability, Information Assurance (IA), reliability, security, safety, transportability and software compatibility.

These parts cannot be obtained from any manufacturer other than HDT because the HDT parts listed below are only manufactured by HDT and currently these are the only parts that are certified as part of the DJC2 System. Substitution of similar but not exact parts will negatively impact rapid response deployment capabilities as well as the reconfigurable modular capability. The DJC2 system is a standardized system and the substitution of parts that have been identified as critical and source controlled would cause DJC2 system to be unable to meet its primary capability of providing a standardized, transportable, rapid response Command and Control System. A complete replacement of the current infrastructure would cost approximately \$8.3M to procure and \$2M in non-recurring cost for design, development and integration. The costs are estimated based upon historic costs for similar hardware and integration efforts. These costs would not be recovered through competition.

J&A Number 0045-0020

Introduction of a divergent baseline would increase sustainment cost (currently estimated at \$13M) by approximately \$1.8M annually, however the loss of standardization across the operational user commands and the inability to confidently mix and match systems to meet the modular expansion requirements is not operationally acceptable.

The DJC2 System has specific size, weight, transportability, assembly time, information security, and environmental requirements in addition to Command and Control operational requirements. Teams are trained on the system and the operational expectation is that the DJC2 systems are standardized so that users can transport, set up and operate different DJC2 systems efficiently.

DJC2 configurations are tested and qualified at the system level rather than at the component level. DJC2 is predominately an integration of established Commercial-Off-The-Shelf (COTS) and Government-Off-The-Shelf (GOTS) hardware and software to meet operational requirements. The DJC2 program does not obtain data rights or proprietary information for the COTS products that are utilized. However, the final configurations and pertinent specifications to order the identical part to meet operational and interface requirements are detailed in the DJC2 drawings. DJC2 drawings document the integration and assembly of the COTs and GOTs products approved for use in the DJC2 system. The DJC2 Engineering and Logistics team identifies the key components on source control and specification drawings that present risk to the program if variation is introduced. In many cases, the ability to substitute can only be evaluated by actual system-level testing due to the interdependencies of the components. Repeat testing at the system level or even at the component level, typically equals increased cost, negative schedule impact and increased risk.

Deviation from the approved product baseline will impact the ability of DJC2 to meet operational requirements and cause substantial duplication of cost (re-procurement \$8.3M and non-recurring development \$2M) to the United States which is not expected to be recovered through competition and will cause unacceptable delays in fulfilling the agency's needs.

J&A Number 0045-0020

6. Description of Efforts Made to Solicit Offers from as Many Offerors as Practicable

FAR 8.404(a) does not require a synopsis as this acquisition is a fixed price order against a GSA schedule. Additional market research was not conducted because of the certification requirements specified in paragraph 5. See paragraph 8 for a description of competitive efforts for solicitation of new products.

7. Determination of Fair and Reasonable Costs.

The Contracting Officer has determined that the anticipated cost to the Government for the supplies/services covered by this J&A will be the best value and results in the lowest overall cost alternative to meet the Government's needs. FAR 8.405-6(c)(2)(v).

8. Actions to Remove Barriers to Competition

These items are sole source for the reasons specified in paragraph 5.0 above. The DJC2 Team annually performs market surveillance through trade show attendance, interaction with industry partners and DoD exercise participation. Also by posting the award justification and approval for an order particular to one manufacturer under indefinite-delivery contracts, small business entities will benefit. This posting will provide the opportunity for review of brand-name justification and approval documents for contracts and orders awarded noncompetitively, thereby increasing the opportunity for competition for future awards. In addition, barriers to competition can best be removed during scheduled DJC2 Program of Record technology insertions. Technology insertions and component changes can only be made in alignment with programmatic cost, schedule and operational priorities. If the DJC2 team becomes aware of additional viable alternative sources or parts that have compelling DJC2 business logic for further evaluation, an engineering evaluation will be conducted as approved by the DJC2 JPO.

----- SIGNATURES FOLLOW THIS PAGE -----

J&A Number 0045-0020

TECHNICAL/REQUIREMENTS CERTIFICATION (FAR 8.405-6(c)(2)(x))

I certify that the facts and representations under my cognizance, which are included in this justification and its supporting data, including Acquisition Plan No. N/A, except as noted herein, are complete and accurate to the best of my knowledge and belief.

TECHNICAL COGNIZANCE:

[Redacted Signature]

30 MAR 12

Signature Name Code Phone Date

REQUIREMENTS COGNIZANCE:

[Redacted Signature]

3/30/12

Signature Name Code Phone Date

LEGAL SUFFICIENCY REVIEW

I have determined this justification is legally sufficient.

[Redacted Signature]

3/30/12

Signature Name Code Phone Date

CONTRACTING OFFICER CERTIFICATION (FAR 8.405-6(c)(2)(ix))

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

Janetta Langston
Signature Name Code

235-5362 3/30/2012

Signature Name Code Phone Date

[Redacted Signature]

N/A

Signature Name (Print) Phone Date