

JUSTIFICATION REVIEW DOCUMENT  
FOR OTHER THAN FULL AND OPEN COMPETITION

Program/Equipment: Force Provider Life Support System

Authority: 10 U.S.C. 2304(c) (1) FAR 6.302-1      Amount: \$26,015,211.60

Prepared by:

Name: Kim McCarthy  
Title: Contract Specialist

DSN: 458-2873

Date Reviewed: 13 Aug 2010

Procuring Contracting Officer:

Name: Sherri L. Comer  
Title: Contracting Officer

DSN: 458-2784

Date Reviewed: 13 Aug 2010

Technical Representative:

Name: Michael Hope  
Title: Chief, Combat Field Service Equipment Team

DSN: 256-4486

Date Reviewed: 13 AUG 2010

Requirements Representative:

Name: Michael Hope  
Title: Chief, Combat Field Service Equipment Team

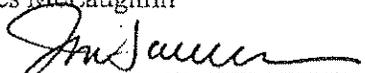
DSN: 256-4486

Date Reviewed: 13 AUG 2010

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

Deputy Program Manager, YC-3  
Project Manager Force Sustainment Systems (PM-FSS)  
Name: James McLaughlin

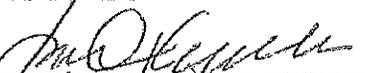
DSN: 256-5255

Signature:   
Date: 11 Aug 2010

Legal Counsel:

Name: Janet Kaminski

DSN: 458-2055

Signature:   
Date: 11 Aug 10

Special Competition Advocate:

Name: Dennis P. Longo

DSN: 458-0846

Signature:   
Date: 26 Aug 10

JUSTIFICATION AND APPROVAL  
FOR OTHER THAN FULL AND OPEN COMPETITION

1. **Contracting Activity:** US Army Research, Development & Engineering Command Contracting Center Branch D, ATC Team 4311A Boothby Hill Road Aberdeen Proving Ground, MD 21005-3013

2. **Description of Action:** Approval is requested to solicit for a new contract in support of Headquarters United States Forces – Afghanistan, (USFOR-ADCDCR-S) on the basis of other than full and open competition. A firm fixed price contract is contemplated since the required items are commercial items and the requirements are well defined. FY10 US Army Procurement funds (OPA) will be used.

3. **Description of Supplies/Services:** The proposed acquisition consists of the following:

Component	Unit Price	Quantity	Extended price
Containerized Batch Laundry (CBL)		13	
Expeditionary TRICON Latrine (ETL)		40	
Expeditionary TRICON Shower (ETS)		40	
Expeditionary TRICON Batch Laundry (ETBL)		40	
Shower Water Reuse System (SWRS)		80	
Shower Water Reuse Cold Weather Kit		96	
Shower Water Reuse Parts and Consumables		96	
Lex Box, M-200		400	
<b>Total</b>			<b>\$ 26,015,211.60</b>

4. **Authority Cited:** 41 United States Codes (U.S.C.)2304(c)(1) as implemented by the Federal Acquisition Regulation (FAR), paragraph 6.302-1, entitled “Only one responsible source and no other supplies or services will satisfy agency requirements.”

5. **Reason for Authority Cited:** Currently, one commercial source, GSG, is qualified and has fabricated the subject supplies in the configuration that has passed the Customer Test of the Force Provider Expeditionary System (FPES) and received full material release authorization. Full material release authorization is required before any of the supplies can be sent in theater. The driving need for the authority cited is Operational Needs Statement (ONS) #10-11741 which is supported by USFOR-ADCDCR-S and requires that the equipment above to begin installation in Afghanistan 60 days after award of contract with full deployment of equipment by 20 January 2011. There are currently limited facilities or life support systems in place to support the approved troop surge. It is critical that procurement of these Life Support Systems be accelerated and an aggressive delivery schedule, commencing 60 Days after award of contract be emplaced, to ensure sanitary life support for US troops. If another contractor was awarded this requirement it would add a minimum of 78 days to receive a final report of the Customer Test in order to be passed up the Army chain of command to receive full material release authorization. The additional cost to test each component is \$105,414.96 (see attachment 1). The time required to obtain full material release would not allow the Government to meet the required 20 January

2011 delivery of equipment with any other vendor. See paragraph 8 for additional discussion of market research.

6. **Efforts to Obtain Competition:** Only GSG has received full material release. See paragraph 8 for the market research discussion.

7. **Actions to Increase Competition:** The Product Manager Force Sustainment Systems (PM FSS) has an IDIQ solicitation for Expeditionary TRICON Systems currently under way, with an award scheduled for Oct 2010, and first article testing to begin in Feb 2011. That contract will not meet the current delivery schedule called out in the ONS.

8. **Market Research:** PM FSS issued a full and open competitive IDIQ solicitation that is currently under technical evaluation with an estimated award date of October 2010. Once awarded, each contractor will undergo the full range of testing to determine that the new components will conform to the requirements specified in the U.S. Army Operational Requirements Document to satisfy the war fighters' operational needs. Based on the responses to that current requirement, no other companies were identified that had the Full Material Release. Additionally, three companies were identified by the Program Manager for follow-up on this immediate requirement to determine their ability to deliver the items in paragraph 3 by 20 January 2011. Only GSG had an affirmative response.

Company	Contact	Contacted	Ability to Meet 20 January 2011 Delivery
GSG	Keith Buchanan	9-Aug-10	Yes
Berg Companies	Doug Combs	9-Aug-10	No, does not have full material release of individual components
Tri Tech, USA	Joe Bacigalupo	9-Aug-10	No, does not have full material release of components

9. **Interested Sources:** The synopsis is attached.

10. **Other Facts:** Other facts supporting the use of other than full and open competition:

a. **Procurement history.** GSG has a design and fabrication contract under the Army Test Center (ATC) contract W91CRB-06-D-0054. ATC has purchased components of this requirement under the W91CRB-06-D-0054 DO 32 June 09 and DO 59 September 09. W91CRB-06-D-0054 was a full and open competitive award. This immediate Natick order cannot be put out full and open due to the delivery date required by the ONS and cannot be ordered under ATC's contract because the ATC contract is not a production contract. ATC has only purchased small quantities under this contract.

b. **Acquisition data availability.** FP Life Support Systems are mature systems with full drawing packages that were available on the PM FSS solicitation cited in paragraph 8.

c. **Unusual and compelling urgency.** N/A

d. **Subcontracting competition.** The offeror will be required to address competition in subcontracting in its proposal. Appropriate subcontracting clauses will be included in the contract.

e. **Follow-on Contracts:** N/A

**11. Technical Certification:**

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

Typed Name: Michael Hope  
Title: Chief, Combat Field Service Equipment Team

Signature: Michael Hope  
Date: 13 AUG 2010

**12. Requirements Certification:**

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

Typed Name: Michael Hope  
Title: Chief, Combat Field Service Equipment Team

Signature: Michael Hope  
Date: 13 AUG 2010

**13. Fair and Reasonable Cost Determination:**

I hereby determine that the anticipated cost to the Government for this contract action will be fair and reasonable based on price history.

Typed Name: Sherri L. Comer  
Title: Contracting Officer

Signature: Sherri L. Comer  
Date: 13 Aug 2010

**14. Contracting Officer Certification:**

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

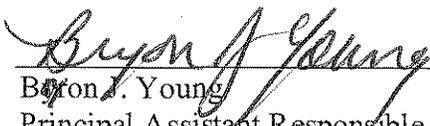
Typed Name: Sherri L. Comer  
Title: Contracting Officer

Signature: Sherri L. Comer  
Date: 13 Aug 2010

**APPROVAL**

Based on the foregoing justification, I hereby approve award of a contract for Provider Life Support Systems on an other than full and open competition basis, pursuant to the authority of 10 U.S.C.2304 (c)(2), subject to availability of funds, and provided that the services and property herein described have otherwise been authorized for acquisition.

Date: 31 Aug 2010

Signature:   
Byron J. Young  
Principal Assistant Responsible for Contracting

ID	Task Name	Cost	Duration	Start	Finish
1	<b>Customer Test of the Force Provider Expeditionary System (FPES)</b>	<b>\$105,414.96</b>	<b>77.78 days</b>	<b>Mon 1/4/10</b>	<b>Tue 5/4/10</b>
2	<b>Planning</b>	<b>\$14,037.92</b>	<b>17.89 days</b>	<b>Mon 1/4/10</b>	<b>Mon 2/1/10</b>
3	ATIRS	\$2,835.04	5 days	Mon 1/18/10	Mon 1/25/10
4	Environmental	\$730.08	1 day	Tue 1/19/10	Tue 1/19/10
5	OPSEC	\$605.28	1 day	Wed 1/20/10	Wed 1/20/10
6	Safety	\$1,335.36	1 day	Thu 1/21/10	Thu 1/21/10
7	Test Plan	\$8,532.16	18 days	Mon 1/4/10	Mon 2/1/10
8	<b>Test Conduct</b>	<b>\$65,352.08</b>	<b>29.56 days</b>	<b>Mon 2/1/10</b>	<b>Thu 3/18/10</b>
9	Initial inspection/NET	\$2,021.76	1 day	Mon 2/1/10	Mon 2/1/10
10	Safety inspection	\$2,021.76	1 day	Tue 2/2/10	Tue 2/2/10
11	Human Factors Engineering (HFE)	\$5,129.28	2 days	Wed 2/3/10	Thu 2/4/10
12	<b>Transportability</b>	<b>\$38,320.08</b>	<b>25.11 days</b>	<b>Fri 2/5/10</b>	<b>Wed 3/17/10</b>
13	Pre Course Safety Inspection (PLS)	\$1,628.64	1 day	Fri 2/5/10	Mon 2/8/10
14	Weights and Center of Gravity	\$1,778.40	1 day	Mon 2/8/10	Tue 2/9/10
15	Instrumentation	\$1,778.40	1 day	Tue 2/9/10	Wed 2/10/10
16	<b>Ground Mobility (CAT V w/PLS)</b>	<b>\$24,154.72</b>	<b>14.33 days</b>	<b>Wed 2/10/10</b>	<b>Thu 3/4/10</b>
17	<b>Perryman Paved (Primary)</b>	<b>\$6,098.32</b>	<b>4.44 days</b>	<b>Wed 2/10/10</b>	<b>Wed 2/17/10</b>
18	1200 Miles (followed by operational test)	\$6,098.32	4 days	Wed 2/10/10	Wed 2/17/10
19	<b>Munson</b>	<b>\$7,234.56</b>	<b>4 days</b>	<b>Wed 2/17/10</b>	<b>Tue 2/23/10</b>
20	Gravel, 200 Miles followed by operational test	\$3,627.28	2 days	Wed 2/17/10	Fri 2/19/10
21	Belgian Block, 200 Miles followed by operational test	\$3,607.28	2 days	Fri 2/19/10	Tue 2/23/10
22	<b>Perryman Cross-country</b>	<b>\$7,214.56</b>	<b>4 days</b>	<b>Tue 2/23/10</b>	<b>Tue 3/2/10</b>
23	A Course, 200 Miles followed by operational test	\$3,607.28	2 days	Tue 2/23/10	Thu 2/25/10
24	2 Course, 200 Miles followed by operational test	\$3,607.28	2 days	Thu 2/25/10	Tue 3/2/10
25	<b>Road Shock and Vibration</b>	<b>\$3,607.28</b>	<b>2 days</b>	<b>Tue 3/2/10</b>	<b>Thu 3/4/10</b>
26	Course Washboard 6 inch waves (10 laps)	\$792.76	0.5 days	Tue 3/2/10	Tue 3/2/10
27	Radial Washboard 2 - 4 in. waves (10 laps)	\$792.76	0.5 days	Tue 3/2/10	Wed 3/3/10
28	2-inch Washboard (10 laps) followed by operational che	\$2,021.76	1 day	Wed 3/3/10	Thu 3/4/10
29	<b>Aircraft</b>	<b>\$2,128.40</b>	<b>0.89 days</b>	<b>Thu 3/4/10</b>	<b>Fri 3/5/10</b>
30	C-130 Compatibility	\$2,128.40	1 day	Thu 3/4/10	Fri 3/5/10
31	<b>Rail</b>	<b>\$3,744.00</b>	<b>0.89 days</b>	<b>Mon 3/15/10</b>	<b>Tue 3/16/10</b>
32	Rail Impact	\$3,744.00	1 day	Mon 3/15/10	Tue 3/16/10
33	Transit Drop (followed by operational test)	\$3,107.52	1 day	Tue 3/16/10	Wed 3/17/10
34	<b>Environmental</b>	<b>\$15,837.44</b>	<b>5.44 days</b>	<b>Fri 3/5/10</b>	<b>Mon 3/15/10</b>
35	Blowing Rain (followed by operational test)	\$2,564.64	1 day	Fri 3/5/10	Mon 3/8/10
36	Blowing Sand (followed by operational test)	\$6,186.40	2 days	Mon 3/8/10	Wed 3/10/10
37	Blowing Dust (followed by operational test)	\$7,086.40	2 days	Wed 3/10/10	Mon 3/15/10
38	Final Inspection	\$2,021.76	1 day	Wed 3/17/10	Thu 3/18/10
39	<b>Test Report</b>	<b>\$26,024.96</b>	<b>55.72 days</b>	<b>Fri 2/5/10</b>	<b>Tue 5/4/10</b>
40	<b>Lab Reports</b>	<b>\$16,286.40</b>	<b>29.67 days</b>	<b>Fri 2/5/10</b>	<b>Wed 3/24/10</b>
41	HFE	\$2,714.40	5 days	Fri 2/5/10	Mon 2/15/10
42	Environmental Performance	\$2,714.40	5 days	Mon 3/15/10	Mon 3/22/10
43	<b>Transportability</b>	<b>\$10,857.60</b>	<b>28 days</b>	<b>Tue 2/9/10</b>	<b>Wed 3/24/10</b>
44	Physical Characteristics	\$2,714.40	5 days	Tue 2/9/10	Wed 2/17/10
45	C-130 Aircraft	\$2,714.40	5 days	Fri 3/5/10	Mon 3/15/10
46	Rail Impact	\$2,714.40	5 days	Tue 3/16/10	Tue 3/23/10
47	Transit Drop	\$2,714.40	5 days	Wed 3/17/10	Wed 3/24/10
48	<b>Final Report</b>	<b>\$9,738.56</b>	<b>30 days</b>	<b>Thu 3/18/10</b>	<b>Tue 5/4/10</b>