



QinetiQ North America
Technology Solutions Group
W91CRB-10-R-0046

VOLUME 3 (of 5)

DELIVERY / PRODUCTION SCHEDULE AND PAST PERFORMANCE

9 September 2010

**QINETIQ NORTH AMERICA, INC.
TECHNOLOGY SOLUTIONS GROUP
350 Second Avenue, Waltham, MA 02451**

**PRODUCTION OF THE INDIVIDUAL GUNFIRE DETECTION SYSTEM
RFP SOLICITATION NUMBER W91CRB-10-R-0046
(including amendments 0001, 0002, 0003, 0004, 0005 and 0006)**

**Submitted to
U.S. ARMY RDECOM Contracting Center
Attn: Mr. Tyrone M. Knight
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Point of Contact

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(b) (6)

**Period of performance: 36 months
This proposal is valid for 180 days from date of submission
DUNS: 829007504**

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1 Summary

QinetiQ North America's Technology Solutions Group (QNA TSG) provides world-class technology and responsive solutions to Government and industry. QNA TSG, part of QinetiQ Ltd., a \$3B global supplier of high-technology solutions and products, has designed and developed the Shoulder Worn Acoustic Targeting System (SWATS®) Individual Gunfire Detection System (IGDS). SWATS IGDS is a mature and reliable product that will meet all performance requirements of the U.S. Army's IGDS Performance Specification. The SWATS IGDS is a commercial item (per FAR 2.101) and is currently being manufactured in production quantities and sold worldwide.

QNA TSG has over 50 years of experience providing an array of survivability solutions to the Department of Defense (DoD), allies and commercial clients. QNA is a technology development company that utilizes its extensive resources to analyze, design, and build disruptive technologies that meet customers' needs and save lives. The Technology Solutions Group (TSG) was formed principally from the acquisition of two premier engineering companies, Foster-Miller, Inc. and Planning Systems, Inc. We are well-known for the commercially available individual gunfire detection system called SWATS that we have supplied to a range of customers over several years. QNA TSG is also recognized for producing, delivering and supporting the TALON family of explosive-ordnance disposal (EOD) robots that have saved many lives during recent conflicts. QNA TSG is the largest manufacturer in the world of lightweight, aircraft add-on armor and is quickly establishing itself as the leader in lightweight, ground vehicle add-on armor.

This volume describes QNA TSG's approach to meeting or exceeding the requested delivery schedule and production capacity for the Individual Gunfire Detection System (IGDS) and documents our past performance on relevant contracts that we believe uniquely qualify us as the most advantageous supplier to the U.S. Army for selection and program execution. The SWATS IGDS is the smallest, lightest, lowest power, most accurate, most mature, easiest to use, and most widely deployed IGDS available anywhere. Our SWATS product meets the IGDS Performance Specifications, has been produced and fielded in quantity, is battlefield-tested, and is the best choice for selection into the IGDS production program.

2 Delivery/Production Schedule

Production of the SWATS system has been validated at (b) (4)

The manufacturing documentation for the SWATS IGDS system is robust and comprehensive which provides the ability for QNA TSG to engage (b) (4)

. To provide consistent product from (b) (4)

QNA TSG is prepared to deliver as many as (b) (4) of the SWATS IGDS (b) (4) after contract award. While lead times for various (b) (4) components range from (b) (4), QNA TSG has (b) (4)

. Table 1 summarizes our production capacity per paragraph L.6.c of the solicitation.

Table 1: SWATS IGDS Production Capacity

Initial Month Production Rate	(b) (4)
Normal Monthly Production Rate	(b) (4)
Minimum Monthly Economical Rate	(b) (4)
Maximum Monthly Production Capacity	(b) (4)

This capacity allows us to far exceed the requirement of 10,000 units in 18 months. As seen in Table 2, QNA TSG has scheduled production to satisfy the 10,000 unit requirement within (b) (4) months ARO, (b) (4) months in advance of the 18 month requirement. Further acceleration of production beyond (b) (4) units per month is achievable with (b) (4).

Table 2: SWATS IGDS Baseline Production Schedule

Month ARO	Delivery Schedule	Cumulative Deliveries
(b) (4)	(b) (4)	(b) (4)

As demonstrated with previous orders of SWATS from QNA TSG, the production output from each contract manufacturer currently averages (b) (4)

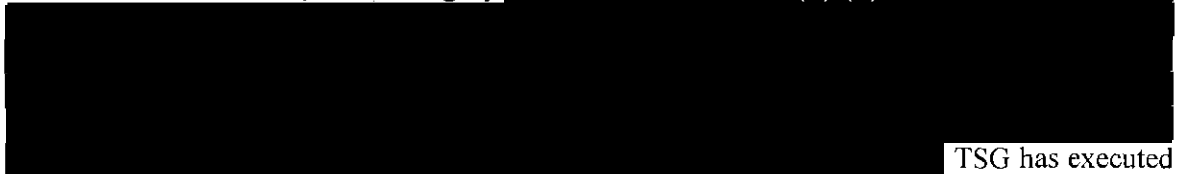
With the introduction of many Design For Manufacturability (DFM) and Design For Test (DFT) improvements, the overall efficiency of assembly and testing of the SWATS IGDS has been, and will continue to be, improved.



All SWATS IGDS designs are fully defined in engineering drawings, bills of materials, and related configuration management (CM) documentation. QNA TSG facilities have been cited by the Defense Supply Center for superior delivery performance for the past five consecutive years: four gold awards (100% on-time and quality assurance) and one silver award (>99.9% on-time and quality assurance). QNA TSG facilities are certified to Aerospace Quality Management System (QMS) AS9100B and certification assessments are performed by various registrars. The QNA TSG QMS is continually focused on improving key business and production processes to provide customers with on-time delivery of quality products. Copies of our Corporate Certificates and Quality Policy are provided in Section 4 below.

3 Past Performance on IGDS Relevant Contracts

In the past (b) (4) years QNA TSG has executed over (b) (4) programs and contracts with the DoD to provide solutions and products, in an urgent manner, to support survivability measures for US and coalition Soldiers. The QNA TSG legacy (b) (4)



TSG has executed numerous programs with the U.S. Army providing everything from robots and armor to gunshot detection systems. In this section, we have selected Government programs that are similar in size, scope, and complexity to the Statement of Work (SOW) for this program. The breadth of work for the DoD on both IGDS and development, production, and sustainment contracts demonstrates QNA TSG's capability, performance, and commitment to delivering systems meeting the IGDS Performance Requirements.

The first six contracts cited in Sections 3.1 - 3.6 are all related to the IGDS development. They contain the contract history of development of the SWATS IGDS product from inception as the Soldier

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Wearable Acoustic Targeting System (SWATS), to adaptation in a vehicle-mounted configuration, to production and fielding of over (b) (4) SWATS on two contracts for the Rapid Equipping Force (REF) under the name Man-Wearable Gunfire Detection System (MWGDS).

The next four contracts in Sections 3.7 - 3.10 present our Precision Aerial Delivery System (PADS).

(b) (4)

The next three contracts in Sections 3.11 - 3.13 are cited to show QNA TSG's (b) (4)

They include add-on armor spall liner installations for route mine clearance vehicles and add-on-armor for both the C-5 Galaxy aircraft and the MRAP vehicle.

QNA TSG's development complexity, production and sustainment capability are shown in the TALON, Sand Dog, EMALS, and SWORDS contracts (Sections 3.14 - 3.17). Both TALON and SWORDS are unmanned robotic systems. (b) (4)

The MAARS and MOWC contracts (Sections 3.18 - 3.19) demonstrate our ability to produce highly technical computer control devices for warfighting applications. The RPGNet contract (Section 3.20) demonstrates our ability to produce devices for warfighting applications in large quantities.

Table 3 summarizes QNA TSG performance, during the last (b) (4) years, against relevant criteria listed in paragraph L.6.c of the IGDS solicitation. Sections 3.1 through 3.20 provide the requested contractual and performance information for each contract per paragraph L.6.c.

Table 3: Contracts Relevant to IGDS

(b) (4)

3.1	SWATS 1		SWATS 1		SWATS 1		
3.2	SWATS 2		SWATS 2		SWATS 2		
3.3			Ears 150 GDS	Ears 150 GDS	Ears 150 GDS		
3.4	SWGDS		SWGDS		SWGDS		
3.5		MWGDS (1)				MWGDS (1)	MWGDS (1)
3.6		MWGDS (2)				MWGDS (2)	MWGDS (2)
3.7	QNA TSG contracts listed in Sections 3.7 through 3.20 provide relevant experience that is not directly related to the development, integration or production of SWATS IGDS.				PADS	PADS	PADS
3.8						PADS (Natick)	PADS (Natick)
3.9						JPADS SSP	JPADS SSP
3.10						JPADS MSE	JPADS MSE
3.11						Spall Liner	Spall Liner
3.12						C-5 Armor	C-5 Armor
3.13						MRAP Armor	MRAP Armor
3.14						MTRS (TALON)	MTRS (TALON)
3.15						Sand Dog	Sand Dog
3.16						EMALS	EMALS
3.17						SWORDS	SWORDS
3.18						CCU	CCU
3.19						MOWC	MOWC
3.20		RPGNet	RPGNet				

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3.1 Soldier-Wearable Acoustic Targeting System (SWATS 1)

Section 1 – Summary of Contract Information	
Contractor place of performance CAGE code and DUNS number	Planning Systems Inc., 12030 Sunrise Valley Road Suite 400, Reston VA 20191 CAGE code 1K736, DUNS number 07-265-1391
Subcontracting activity	(b) (4)
Procuring Subcontract Officer	(b) (6)
Government technical representative/COR	(b) (6)
Government contract administration activity	US Army Armament Research, Development and Engineering Center (ARDEC) Picatinny Arsenal NJ 07806-5000; John Beeman, 973-724-7671; john.h.beeman@us.army.mil
Government Pre-Award Monitor	n/a
Contract Number	DAAB07-01-D-G601, Subcontract G6007933
Contract Type	Fixed price
Award price/cost	\$1,583,984
Final price/cost	\$1,583,984
Original delivery schedule	11 July 2006 - 10 July 2007
Final or projected final delivery date	10 July 2007
Section 2 – Relevance to Solicitation Requirements	
<p>PSI, a QNA TSG legacy company, developed the Soldier-Wearable Acoustic Targeting System (SWATS) under an EOIR Technologies subcontract for PEO Soldier to provide soldiers with a man-wearable solution to detect and locate enemy small-arms fire. SWATS technology was developed as the smallest, lightest, and lowest-power countersniper solution on the market. SWATS was field-tested by the U.S. Army at multiple government ranges. (b) (4)</p> <p>(b) (4)</p> <p>Using in-house tracking tools, PSI strictly monitored all cost factors related to labor, supplies, materials, and shipments throughout the period of performance resulting in all SWATS development contract schedules being met. PSI used its proven systems engineering methodology to manage the program schedule, which included design reviews, delivery of test plans and design documents, production of prototype hardware, and execution of test events. (b) (4)</p> <p>(b) (4)</p>	

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3.2 Soldier-Wearable Acoustic Targeting System (SWATS 2)

Section 1 – Summary of Contract Information	
Contractor place of performance CAGE code and DUNS number	Planning Systems Inc., 12030 Sunrise Valley Road Suite 400, Reston VA 20191. CAGE code 1K736, DUNS number 07-265-1391
Government contracting activity	Joint Munitions & Lethality LCMC ACQ Center US Army, AMSML-AQ-JA, Bldg 10, Phipps Road, Picatinny, NJ 07806
Procuring Contracting Officer	John Beeman, 973-724-7671; john.h.beeman@us.army.mil
Government technical representative/COR	(b) (6)
Government contract administration activity	US Army Research & Engineering Command Acquisition Center; John Beeman, 973-724-7671; john.h.beeman@us.army.mil
Government Pre-Award Monitor	n/a
Contract Number	DAAE30-01-0-0800
Contract Type	Fixed price
Award price/cost	\$1,426,000
Final price/cost	\$1,426,000
Original delivery schedule	1 Aug 07 – 28 Jul 08. No-cost extension to 28 Aug 2008
Final or projected final delivery date	28 Aug 2008
Section 2 – Relevance to Solicitation Requirements	
Under PEO Soldier funding, the SWATS 2 development effort was focused on improving the system's dynamics to meet the requirements of a soldier-worn system. (b) (4)	
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<p>With in-house tracking tools, all cost factors related to labor, supplies, materials, and shipments throughout the period of performance were strictly monitored. This focus, along with stringent requirements management, has enabled us to continue to execute the SWATS contract within budget and on time. No problems were encountered during execution of the effort that had an impact on cost, schedule, or performance. (b) (4)</p> <div style="background-color: black; width: 100%; height: 20px;"></div>	

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3.3 Ears 150 Gunshot Localization System and Vehicle Conversion Kits

Section 1 – Summary of Contract Information	
Contractor place of performance CAGE code and DUNS number	Planning Systems Inc., 12030 Sunrise Valley Dr Suite 400, Reston VA 20191 CAGE code 1K736, DUNS number 07-265-1391
Government contracting activity	ACA Fort Riley, Directorate of Contracting, 7410 Apennines Dr., Fort Riley KS 66442 785-239-9887 / fax: 785-239-1061
Procuring Contracting Officer	Steve Butler; 785-239-5604 / fax: 785-239-1061; steven.butler@ us.army.mil
Government technical representative/COR	(b) (6)
Government contract administration activity	ACA Fort Riley, Directorate of Contracting, 785-239-9887 / fax: 785-239-1061
Government Pre-Award Monitor	n/a
Contract Number	W911RX-08-P-0328
Contract Type	Fixed price
Award price/cost	\$714,000
Final price/cost	\$714,000
Original delivery schedule	DO1: 09 Sep 2008 - 15 Oct 2008. (Mod 0001 extended to 15 Nov 2008)
Final or projected final delivery date	DO1: 18 Nov 2008
Section 2 – Relevance to Solicitation Requirements	
<p>The Ears 150 Gunshot Localization System and Vehicle Conversion Kits contract was a procurement of 42 vehicle-mounted SWATS 2 systems for deployment to theater. (b) (4)</p> <p>They included the SWATS 2 sensor plus a capability for external vehicle mounting, powering and displaying of localization data internal to the vehicle on a separate display device (PDA).</p> <p>The contract was executed within budget, but owing to the rapid procurement of these systems, the lead time of select components resulted in missing final delivery by 3 days. (b) (4)</p>	

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3.4 Soldier-Worn Gunfire Detection System (SWGDS)

Section 1 – Summary of Contract Information	
Contractor place of performance CAGE code and DUNS number	QNA TSG Planning Systems Inc., 12030 Sunrise Valley Road Suite 400, Reston VA 20191. CAGE code 1K736, DUNS number 07-265-1391
Government contracting activity	US Army Research & Engineering Command Acquisition Center, 4118 Susquehanna Ave., Aberdeen Proving Ground MD 21005
Procuring Contracting Officer	Kathleen L. Wissler; 410-278-0891; Kathleen.Wissler@us.army.mil
Government technical representative/COR	Tyrone M. Knight; 410-278-2465 / fax: 410- 306-3850; Tyrone.M.Knght@us.army.mil (for Base, Mod P0001, Mod P00003) (b) (6)
Government contract administration activity	US Army Research & Engineering Command Acquisition Center; Tyrone M. Knight; 410-278-2465 / fax: 410- 306-3850; Tyrone.M.Knght@us.army.mil
Government Pre-Award Monitor	n/a
Contract Number	W91CRB-08-P-0167
Contract Type	Fixed price
Award price/cost	\$668,403, increased to \$1,564,403 (Mod P00002), increased to \$1,644,403 (with Mod P00003)
Final price/cost	\$1,644,403 (with Mod P00003)
Original delivery schedule	01 Jun 2008- 31 May 2009 (Mod P00001); extended to 31 Aug 2009 (Mod P00004)
Final or projected final delivery date	28 Aug 2009
Section 2 – Relevance to Solicitation Requirements	
<p>This effort was contracted by PEO Soldier to further develop the Soldier-Wearable Gunfire Detection System (SW-GDS) capability of the original SWATS program to improve alerting of the user to nearby sniper fire, provide improved bearing and range (distance from user to sniper), which compensated for dynamic soldier movements in reaction to a gunshot (b) (4)</p> <p>Ten prototype systems and one set of installation, calibration, training, and maintenance manuals were delivered, and the government conducted open-field and MOUT live-fire testing.</p> <p>The PoP was from 1 June 2008 to 29 May 2009. On 19 May 2009, a no-cost extension was granted to 31 Aug 2009 by Mod P00004 due to scheduling issues with Government facilities for final testing, which resulted in delay of the final report analyses for those tests. Mod P00003 was added to deliver 10 older SWATS 2s to SOCOM for evaluation by 20 Oct 2008. No problems have been encountered during execution of the effort. There are no cure or show-cause notices. There were no terminations.</p>	

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3.5 Project Sphere – Man-Wearable Gunfire Detection System (MWGDS)

Section 1 – Summary of Contract Information	
Contractor place of performance CAGE code and DUNS number	QNA TSG Planning Systems Inc., 12030 Sunrise Valley Road Suite 400, Reston VA 20191. CAGE code 1K736, DUNS number 07-265-1391
Government contracting activity	US Army REDCOM ACQ CTR – W91CRB 4118 Susquehanna Ave, Aberdeen Proving Ground MD 21005-3013
Procuring Contracting Officer	Greg Wagenknecht, 410-278-0709 / fax: 410-306-3883; gregory.wagenknecht@conus.army.
Government technical representative/COR	Gwen Meadows; 410-278-0993; gwen.e.meadows@us.army.mil
Government contract administration activity	US Army REDCOM ACQ CTR – W91CRB 4118 Susquehanna Ave, Aberdeen Proving Ground MD 21005-3013; Gwen Meadows (410)- 278-0993; gwen.e.meadows@us.army.mil
Government Pre-Award Monitor	n/a
Contract Number	W91CRB-08-D-0064
Contract Type	Fixed price (ID/IQ) and T&M (with 6 contract mods, 3 delivery orders)
Award price/cost	DO1 for \$8,315,071 (base to Mod P0006); DO2 for \$1,645,000; DO3 for \$210,000
Final price/cost	DO1 for \$8,061,142; DO2 for \$1,645,000; DO3 for \$210,000
Original delivery schedule	DO1: 10 Sep 2008 - 21 Nov 2008 (for 1000); DO2: 18 Apr 2009 (for 30); DO3: 01 Oct 2009 (for 235)
Final or projected final delivery date	DO1: 5 Nov 2008 (1 st of 500), 26 Nov 2008 (2 nd of 430), 18 Dec 2008 (3 rd of 70); DO2: 12 Apr 2009 (of 30); DO3: 24 Sep 2009 (of 235)
Section 2 – Relevance to Solicitation Requirements	
This first MWGDS effort purchased by the REF was for 1265 MWGDSes. On delivery order 1, 1000 MWGDS and MWGDS graphical training aid (GTA) cards were delivered, along with a CONUS train-the-trainer class for government personnel. (b) (4)	
There are no cure or show-cause notices. There were no terminations.	

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3.6 Project Sphere – Man-Wearable Gunfire Detection System (MWGDS)

Section 1 – Summary of Contract Information	
Contractor place of performance CAGE code and DUNS number	QNA TSG Planning Systems Inc., 11091 Sunset Hills Drive Suite 500, Reston VA 20190. CAGE code 5B2G7, DUNS number 82-900-7504
Government contracting activity	US Army REDCOM ACQ CTR – W91CRB 4118 Susquehanna Ave, Aberdeen Proving Ground MD 21005-3013
Procuring Contracting Officer	Greg Wagenknecht, 410-278-0709 / fax: 410-306-3883; gregory.wagenknecht@us.army.
Government technical representative/COR	COR: Gwen Meadows; (410)-278-0993; gwen.e.meadows@us.army.mil (b) (6) (b) (6)
Government contract administration activity	US Army REDCOM ACQ CTR – W91CRB Gwen Meadows; (410)-278-0993; gwen.e.meadows@us.army.mil
Government Pre-Award Monitor	n/a
Contract Number	W91CRB-10-D-0021
Contract Type	Fixed price (ID/IQ) (with 2 contract mods, 4 delivery orders)
Award price/cost	DO1 for \$13,351,000 (Base for 2054); DO2 for \$45,500 (for 7); DO3 for \$162,500 (for 25); DO4 for \$45,500 (for 7)
Final price/cost	DO1 for \$13,351,000; DO2 for \$45,500; DO3 for \$162,500; DO4 for \$45,500
Original delivery schedule	DO1: 17 Mar 2010 - 01 Apr 2010 (extended to 02 Aug 2010 by Mod 0002); DO2: 20 Jun 2010 (for 7); DO3: 28 Jul 2010 (for 25); DO4: 19 Aug 2010 (for 7). Mod 0002 granted extension to 02 Aug 2010 due to GPS parts supplier.
Final or projected final delivery date	DO1: 25 Mar 2010 (for 1st 1750) and 2 Aug 2010 (for 2 nd 304); 2 Aug 2010 for DO2, DO3, DO4.
Section 2 – Relevance to Solicitation Requirements	
This second production contract for REF was for 3000 MWGDS kits and training. (b) (4) (b) (4) All four delivery orders were filled on 2 Aug 2010. There are no cure or show-cause notices. There were no terminations.	

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3.7 Precision Aerial Delivery System (PADS)

Section 1 – Summary of Contract Information	
Contractor place of performance CAGE code and DUNS number	Planning Systems Inc., 12030 Sunrise Valley Road Suite 400, Reston VA 20191. CAGE code 1K736, DUNS number 07-265-1391
Government contracting activity	U.S. Army Contracting Agency-SR-Yuma B-2100, R-8. 301 C Street, Yuma, AZ 85365 928-328-6259 / fax 928-328-6849
Procuring Contracting Officer	Julie A. Silva; 928-328-6259; Julie.silva@yuma.army.mil
Government technical representative/COR	(b) (6)
Government contract administration activity	U.S. Army Contracting Agency-SR-Yuma Julie A. Silva; 928-328-6259; julie.silva@yuma.army.mil
Government Pre-Award Monitor	n/a
Contract Number	W9142R-06-C-0122
Contract Type	Fixed price (with 10 contract mods)
Award price/cost	\$5,416,987
Final price/cost	\$5,416,987
Original delivery schedule	08 Jun 2006 – 30 Jun 2007, extended: to 31 Jan 2009 (Mod 10)
Final or projected final delivery date	31 Jan 2009
Section 2 – Relevance to Solicitation Requirements	
<p>QNA TSG PSI developed the Precision Airdrop System (PADS), a line of instrumentation, engineering services, training, and auxiliary support for very accurate precision airdrop of cargo and personnel from high altitudes. PADS technology removes the airdrop aircraft from the threat envelope and delivers supplies with greater precision than conventional tactics. The system models and computes air release points and launch acceptability regions based on the ballistics of the subject weapon system by using in situ environmental data. PADS products include hand-launched dropsondes, built under the current contract, aircraft installation kits, an improved GPS retransmission kit, pressure-rugged hard drives, and related items.</p> <p>(b) (4)</p>	
<p>In-house automated tracking tools (e.g., Deltek Costpoint, job status reports, etc.) strictly monitor all cost factors related to labor, supplies, materials, manufacturing, and shipments.</p> <p>(b) (4)</p>	
<p>All PADS production contract schedules have been met. There were no cure or show-cause notices. There were no terminations.</p> <p>(b) (4)</p>	

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3.8 Precision Aerial Delivery System (PADS) - Natick

Section 1 – Summary of Contract Information	
Contractor place of performance CAGE code and DUNS number	QNA TSG Planning Systems Inc., 12030 Sunrise Valley Road Suite 400, Reston VA 20191. CAGE code 1K736, DUNS number 07-265-1391
Government contracting activity	Natick Contracting Division (AMSRD-ACC-N) Building 1, Kansas St., Natick MA 01760
Procuring Contracting Officer	Laura L. MacLean, 508-233-0528, laura.maclean@us.army.mil
Government technical representative/COR	COR: Jaclyn Fontecchio, 508-233-5696, jaclyn.fontecchio@us.army.mil
Government contract administration activity	Natick Contracting Division, Building 1, Kansas St., Natick MA 01760; Roberta Boswell; Natick Contracting Division, Jaclyn Fontecchio, 508-233-5696, jaclyn.fontecchio@us.army.mil
Government Pre-Award Monitor	n/a
Contract Number	W911QY-08-C-0051
Contract Type	Fixed price (with 1 contract mod)
Award price/cost	\$1,969,070
Final price/cost	\$1,924,025
Original delivery schedule	01 Apr 2008 - 30 Sep 2009
Final or projected final delivery date	13 May 2009
Section 2 – Relevance to Solicitation Requirements	
<p>For the PADS program, we were under contract to provide system engineering, testing and training support, 24/7 hardware, software and dropsonde repair, sparing and refurbishment services in support of USAF Air Mobility Command (AMC) units for the JPADS-MP hardware and software. PADS systems and installation kits for several aircraft configurations were developed and fielded. Several hundred used dropsondes were either refurbished or replaced with new units for training exercises conducted by USAF and Air National Guard customers each month. Troubleshooting and failure analyses were conducted when an issue arose for the JPADS hardware and software. Support included helpdesk services for all fielded PADS, refurbishment and repair, and software troubleshooting for all fielded PADS. There were no cure or show-cause notices. There were no terminations.</p>	

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3.9 Joint Precision Airdrop System (JPADS) Services & Support Program

Section 1 – Summary of Contract Information	
Contractor place of performance CAGE code and DUNS number	QNA TSG Planning Systems Inc., 12030 Sunrise Valley Road Suite 400, Reston VA 20191. CAGE code 1K736, DUNS number 07-265-1391
Subcontract contracting activity	ARINC Engineering Services 2551 Riva Road, Annapolis MD 21401 800-633-6882
Procuring Subcontract Officer	(b) (6)
Government technical representative/COR	(b) (6)
Subcontract administration activity	ARINC Engineering Services; (b) (6)
Government Pre-Award Monitor	n/a
Contract Number	(b) (4) Prime Contract: DAAB07-09-D-B006/0212 (EA-017)
Contract Type	Time & materials
Award price/cost	\$694,000
Final price/cost	\$693,256
Original delivery schedule	11 Aug 2009 – 05 Aug 2010
Final or projected final delivery date	05 Aug 2010
Section 2 – Relevance to Solicitation Requirements	
<p>This Joint Precision Airdrop System (JPADS) Services & Support Program subcontract was executed to provide 24/7 hardware, software and dropsonde repair, sparing and refurbishment services in support of (b) (4). The subcontract was a gap-filler between the previous and next contracts referenced to continue support to fielded PADS. There were no cure or show-cause notices. There were no terminations.</p>	

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**3.10 Joint Precision Airdrop System (JPADS) Mission Support Equipment (MSE)
Procurement and Interim Contractor Support (ICS)**


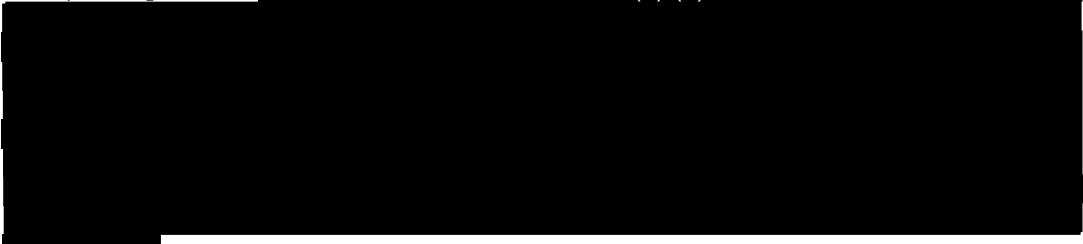
Section 1 – Summary of Contract Information	
Contractor place of performance CAGE code and DUNS number	QNA TSG Planning Systems Inc., 11091 Sunset Hills Drive Suite 500, Reston VA 20190. CAGE code 1K736, DUNS number 07-265-1391
Government contracting activity	DISA/DITCO – Scott – PL83 2300 East Drive, Scott AFB IL 62225; 618-229-9689
Procuring Contracting Officer	Beverly L. Jones; 618-229-9689, beverly.jones@disa.mil
Government technical representative/COR	(b) (6)
Government contract administration activity	(b) (6)
Government Pre-Award Monitor	n/a
Contract Number	HC1028-10-D-0021
Contract Type	Fixed price ID/IQ_(with 3 contract mods and 1 delivery order)
Award price/cost	\$5,614,181 (DO1 Mod 03)
Final or projected final, price/cost	\$5,614,181
Original delivery schedule	21 Dec 2009 -20 Dec 2010 (DO1)
Final or projected final delivery date	Open. Projected: 20 Dec 2010
Section 2 – Relevance to Solicitation Requirements	
<p>This is the current contract for JPADS to provide mission support equipment procurement and interim contractor support. We are currently providing 24/7 hardware, software and dropsonde repair, sparing and refurbishment services in support of USAF AMC units. In addition to 400 PADS, along with aircraft installation kits, GPS retransmission kits and other subsystems, 15,000 dropsondes are being procured.</p> <p>(b) (4)</p> <p>Troubleshoot- ing and failure analyses are conducted when an issue arises for the hardware and software. Support includes helpdesk services for all fielded PADS. There have been no cure or show-cause notices. There have been no terminations.</p>	

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3.11 Spall Liner

Section 1 – Summary of Contract Information	
Contractor place of performance CAGE code and DUNS number	QNA TSG Foster-Miller Inc. 350 Second Avenue, Waltham MA 02451. CAGE code 30233, DUNS number 01-967-7178
Government contracting activity	TACOM LCMC, 6501 E. 11 Mile Road, Warren MI 48038; 586-753-2489 / fax: 586-574-5678
Procuring Contracting Officer	Sophia Pace, 586-753-2489 / fax: 586-574-5678
Government technical representative/COR	(b) (6)
Government contract administration activity	TACOM LCMC, Victor Vaughn, 586-574-8283 / fax: 586-574-7592
Government Pre-Award Monitor	n/a
Contract Number	W56HZV-08-C -0172
Contract Type	Firm fixed price (with 14 contract mods)
Award price/cost	\$12,966,450 (Mod P00014 increased value to \$20,719,294)
Final price/cost	\$20,719,294
Original delivery schedule	31 Dec 2008 (Mod P00013 was final extension to 31 Dec 2009)
Final or projected final delivery date	31 Dec 2009
Section 2 – Relevance to Solicitation Requirements	
<p>This contract contained tasking for developing, documenting, fielding and supporting an innovative lightweight spall liner for a variety of route clearance vehicles. This program was to purchase 371 urgent Add-On Armor (AoA) / spall liner kits for the RG-31 route clearance vehicle fleet in current operations in Iraq and Afghanistan. The contract has been given a DPAS rating of DXA4 for national defense use.</p> <p>(b) (4)</p>	

3.12 C-5 Galaxy Add-on Armor

Section 1 – Summary of Contract Information	
Contractor place of performance CAGE code and DUNS number	QNA TSG Foster-Miller Inc. 350 Second Avenue, Waltham MA 02451 CAGE code 30233, DUNS number 01-967-7178
Government contracting activity	730 ACSG GFKAB, 235 Byron Street Suite 19A Robins AFB GA 31098-1670, 478-926-0172 / fax: 478-926-0154
Procuring Contracting Officer	Elizabeth Durden, 478-926-0172 / fax: 478-926-0154
Government technical representative/COR	(b) (6)
Government contract administration activity	730 ACSG GFKAB, Dena Browning, 478-926-5110 / fax: 478-926-0154
Government Pre-Award Monitor	n/a
Contract Number	FA8525-08-C-0001
Contract Type	Fixed price (with 4 contract mods)
Award price/cost	\$16,303,635 (Mod P00004 increased value to \$16,639,568)
Final price/cost	\$16,639,568
Original delivery schedule	31 Jan 2009 (Mod P00004 extended delivery to 30 Apr 2009)
Final or projected final delivery date	30 Apr 2009
Section 2 – Relevance to Solicitation Requirements	
The contract for add-on armor (AoA) kits for the entire C5 Galaxy fleet was recently completed. (b) (4)	
	
The program was to purchase 100 urgent AoA kits for the C-5 Galaxy aircraft fleet in current operations in Iraq and Afghanistan. (b) (4)	
	

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3.13 MRAP Add-on Armor

Section 1 – Summary of Contract Information	
Contractor place of performance CAGE Code and DUNS number	QNA TSG Foster-Miller, Inc., 350 Second Avenue, Waltham MA 02451. CAGE code 30233, DUNS number 01-967-7178
Government Contracting Activity	USA RDECOM Acquisition Center, 4118 Susquehanna Ave APG MD 21005-3013, 410-278-0709 /Fax: 410-306-3883
Procuring Contracting Officer	Greg Wagenknecht, 410-278-0709/ Fax: 410-306-3883; gregory.wagenknecht@us.army.mil
Government Technical Representative/COR	(b) (6)
Government Contract Administration activity	USA RDECOM Acquisition Center, Gregory Wagenknecht, 410-278-0709/ Fax: 410.306.3883; gregory.wagenknecht@us.army.mil
Government Pre-Award Monitor	N/A
Contract Number	W91CRB-08-D-0018
Contract Type	Firm Fixed Price ID/IQ (with 3 Contract Mods)
Award price/cost	\$1,200,156 - \$2,111,341 (DO1 Amend 01 increased value to \$1,361,263)
Final price/cost	\$1,361,263
Original delivery schedule	04 Mar 2008 - 28 Feb 2010
Final or projected final delivery date	13 May 2008
Section 2 – Relevance to Solicitation Requirements	
This program included tasking for testing, developing and delivering to austere environments add-on armor kits to mitigate the effects of specific emerging threats in theater. (b) (4)	
[Redacted]	
There has been no cure or show-cause notices or terminations in the execution of this contract. (b) (4)	
[Redacted]	

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3.14 Manually Transportable Robotic System (MTRS)

Section 1 – Summary of Contract Information	
Contractor place of performance CAGE code and DUNS number	QNA TSG Foster-Miller Inc. 350 Second Ave, Waltham MA 02451 CAGE code 30233, DUNS number 01-967-7178
Government contracting activity	NAVSEA Indian Head, 4072 N. Jackson Road Suite 132, Indian Head MD 20640-511
Procuring Contracting Officer	Renee M. Brown, 301-744-6653; renee.m.brown@navy.mil
Government technical representative/COR	(b) (6)
Government contract administration activity	NAVSEA Indian Head, Jessica Scalfaro, 301-744-6614/ fax: 301-744-6670; jessica.scalfaro@navy.mil
Government Pre-Award Monitor	n/a
Contract Number	N00174-03-D-0002
Contract Type	Fixed price (ID/IQ)
Award price/cost	\$294,120,753
Final or projected final, price/cost	\$218,801,657
Original delivery schedule	29 Oct 2002 – 29 Oct 2012
Final or projected final delivery date	Ongoing. Projected: 29 Oct 2012
Section 2 – Relevance to Solicitation Requirements	
<p>MTRS is a large IDIQ for COTS procurement of TALON Robots, spare planning and depot repair. This is for large-scale production of remotely operated explosive ordnance disposal (EOD) robots for combat use.</p> <p>(b) (4)</p> <p>This contact includes an ongoing reliability and maintenance program. The TALON Robot is provided as a COTS item to the government with spare parts and technical support.</p> <p>(b) (4)</p> <p>Under this and other contracts, thousands of TALON robots are in operation both CONUS and OCONUS.</p> <p>(b) (4)</p>	

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3.15 Sand Dog

Section 1 – Summary of Contract Information	
Contractor place of performance CAGE code and DUNS number	QNA TSG Foster-Miller Inc. 350 Second Avenue, Waltham MA 02451 CAGE code 30233, DUNS number 01-967-7178
Subcontract contracting activity	(b) (4)
Procuring Subcontract Officer	(b) (6)
Government technical representative/COR	(b) (6)
Subcontract administration activity	(b) (4) ; (b) (6)
Government Pre-Award Monitor	n/a
Contract Number	W912HZ-09-C-0070
Contract Type	CFPP / FFP
Award price/cost	\$313,291
Final price/cost	\$313,291
Original delivery schedule	19 June 2009 – 19 Nov 2009
Final or projected final delivery date	27 Oct 2009
Section 2 – Relevance to Solicitation Requirements	
<p>Under subcontract to Stolar Research for JIEDDO, QNA TSG rapidly (1) integrated a tri-axial EM gradiometer sensor, along with specialty electronics and processor, onto a TALON robot, and (2) modified the video image on the OCU to display sensor outputs; the sensing application is classified. (b) (4)</p> <p>[REDACTED]</p> <p>The system was used in an ATEC evaluation for which QNA TSG provided supporting documentation, training and sustainment planning. Three complete systems were built, integrated, tested, and delivered for evaluation in-theater OCONUS. The system was delivered ahead of original schedule. (b) (4)</p> <p>[REDACTED] No show-cause or termination actions have been initiated. This effort included everything from system risk assessment, system design, and integration test to delivery and sustainment OCONUS.</p>	


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3.16 Electromagnetic Aircraft Launching System (EMALS)

Section 1 – Summary of Contract Information	
Contractor place of performance CAGE code and DUNS number	QNA TSG Foster-Miller Inc. 350 Second Avenue, Waltham MA 02451 CAGE code 30233, DUNS number 01-967-7178
Subcontract contracting activity	General Atomics, 16969 Mesamint St. San Diego CA 92127. 858-676-7433
Procuring Subcontract Officer	(b) (6)
Government technical representative/COR	(b) (6)
Subcontract administration activity	General Atomics, (b) (6)
Government Pre-Award Monitor	n/a
Contract Number	N68335-04-C-0167
Contract Type	CPFF
Award price/cost	\$30,171,210
Final or projected final, price/cost	Projected: \$30,202,310
Original delivery schedule	April 2004 - December 2011
Final or projected final delivery date	Ongoing. Projected: December 2011
Section 2 – Relevance to Solicitation Requirements	
<p>QNA TSG is a subcontractor to General Atomics, under a NAVAIR (PMA 251) contract, and responsible for the launch controls subsystem and portions of the power condition subsystem of the Electromagnetic Aircraft Launching System (EMALS) SDD Phase. (b) (4)</p> <p>(b) (4). While the SDD phase is ongoing, production of a full ship set of equipment to be fielded on the Ford is ramping up, with first deliveries to be made in November 2010. All deliveries have been made on time and no show-cause or termination actions have been initiated. (b) (4)</p> <p>(b) (4)</p>	

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3.17 Special Weapons Observation Reconnaissance Detection System (SWORDS)

Section 1 – Summary of Contract Information	
Contractor place of performance CAGE code and DUNS number	QNA TSG Foster-Miller Inc. 350 Second Avenue, Waltham MA 02451 CAGE code 30233, DUNS number 01-967-7178
Government contracting activity	Joint Munitions and Lethality LCMC Acquisition Ctr Bldg 322, Picatinny Arsenal NJ 07806-5000
Procuring Contracting Officer	Eric Bankit, 973-724-3068, eric.bankit@pica.army.mil
Government technical representative/COR	(b) (6)
Government contract administration activity	Joint Munitions and Lethality LCMC Acquisition Ctr. Eric Bankit, 973-724-3068, eric.bankit@pica.army.mil
Government Pre-Award Monitor	n/a
Contract Number	W15QKN-07-C-0157
Contract Type	Fixed price
Award price/cost	\$1,746,235
Final price/cost	\$1,746,235
Original delivery schedule	Sep 2007 – Sep 2009
Final or projected final delivery date	Sep 2009
Section 2 – Relevance to Solicitation Requirements	
Under this contract, QNA TSG FMI built, tested, and delivered five SWORDS weaponized Unmanned Ground Vehicles (UGVs) and associated controllers to DoD. (b) (4)	
	

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3.18 Common Control Unit (CCU) on SWORDS 2.0 SOPMOD Enhancement (MAARS) Program

Section 1 – Summary of Contract Information	
Contractor place of performance CAGE code and DUNS number	QNA TSG Foster-Miller Inc. 350 Second Avenue, Waltham MA 02451 CAGE code 30233, DUNS number 01-967-7178
Government contracting activity	Navy Engineering Logistics Office Arlington VA 22202
Procuring Contracting Officer	Eric Loveridge, eric.loveridge@navy.mil
Government technical representative/COR	(b) (6)
Government contract administration activity	Navy Engineering Logistics Office, Arlington VA 22202; Eric Loveridge, eric.loveridge@navy.mil
Government Pre-Award Monitor	n/a
Contract Number	N41756-06-C-5582
Contract Type	Firm fixed price
Award price/cost	\$983,209
Final price/cost	\$983,209
Original delivery schedule	May 2007 – May 2009
Final or projected final delivery date	May 2009
Section 2 – Relevance to Solicitation Requirements	
Under this contract QNA TSG delivered SWORDS 2.0 enhanced weaponized robots to the government, consisting of the Modular Advanced Armed Robotic System (MAARS) platform and common control unit (CCU). (b) (4)	

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3.19 Modular Wearable Computer (MOWC)

Section 1 – Summary of Contract Information	
Contractor place of performance CAGE code and DUNS number	QNA TSG Foster-Miller Inc. 350 Second Avenue, Waltham MA 02451 CAGE code 30233, DUNS number 01-967-7178. (b) (4)
Government contracting activity	NSWCDD Contract Branch CXS11, 17632 Dahlgren Rd Suite 157, Dahlgren VA 22448
Procuring Contracting Officer	Kristy Himes, 540-284-0708, kristy.himes@navy.mil
Government technical representative/COR	(b) (6)
Government contract administration activity	NSWCDD Contract Branch. Kristy Himes, 540-284-0708, kristy.himes@navy.mil
Government Pre-Award Monitor	n/a
Contract Number	N00178-07-C-1016
Contract Type	CPFF
Award price/cost	\$1,455,354
Final price/cost	\$1,455,354
Original delivery schedule	31 Mar 2009
Final or projected final delivery date	31 Mar 2009
Section 2 – Relevance to Solicitation Requirements	
QNA TSG's Automatika designed and built the MOWC (Modular Wearable Computer) controller under an effort led by NSWC with subcontractors, including Icuiti, IPT, CMU, and also ATK (sub to CMU). (b) (4)	
We were also tasked to maintain the systems (CHC, CRB and software) as well as repair of any KONTRON and dock elements of the MOWC for NSWC under the MOWC and SUSS Mk II programs. No show-cause or termination actions were initiated. (b) (4)	

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3.20 RPGNet – RPG Defeat System for MRAP Vehicles

Section 1 – Summary of Contract Information	
Contractor place of performance CAGE code and DUNS number	QNA TSG Foster-Miller Inc. 350 Second Avenue, Waltham MA 02451 CAGE code 5B2G7, DUNS number 829007504
Government (Commercial) contracting activity	Oshkosh Truck Corporation 2307 Oregon Street, Oshkosh, WI 54903 920-235-9151 / fax: 920-233-9250
Procuring Contracting Officer/ Buyer	Sarah Guerrero, Senior Buyer 920.233.9320 / Fax: 920.237.4225
Government (Commercial) technical representative/COR	(b) (6) (b) (6)
Government contract administration activity	N/A
Government Pre-Award Monitor	N/A
Contract Number	Multiple Oshkosh Purchase Orders: PO 59088 (800 kits) PO 59367 (1080 kits) PO 59458 (1770 kits) PO 59577 (2401 kits) PO 59582 (1460 kits)
Contract Type	Fixed price
Award price/cost	\$255,947,500
Final price/cost	\$255,947,500
Original delivery schedule	2 Feb 2010 to 30 Apr 2011
Final or projected final delivery date	30 Apr 2011
Section 2 – Relevance to Solicitation Requirements	
<p>The Oshkosh contract is for an add-on armor (AoA) system to defeat Rocket Propelled Grenade threats for the Mine Resistant Ambush Protected (MRAP) All Terrain Vehicle (M-ATV) which is manufactured by Oshkosh Truck Corporation. Approximately 7000-8000 vehicles are being built for the on-going operations in Afghanistan. (b) (4)</p> <p>(b) (4)</p> <p>(b) (4)</p>	

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4 Quality Management Certifications (Ref. RFP SOW – 3.3)

QNA TSG's quality management system and personnel will monitor the overall IGDS production process to ensure the end product meets the system purchase description requirements and delivery schedule. QNA TSG has implemented and achieved certification to the AS9100B Quality Management System – Aerospace Requirements (Figure 1).

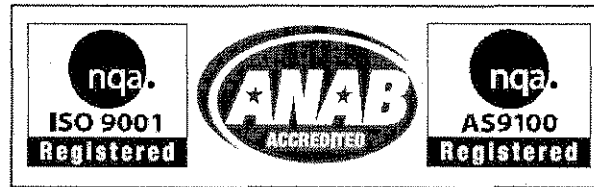
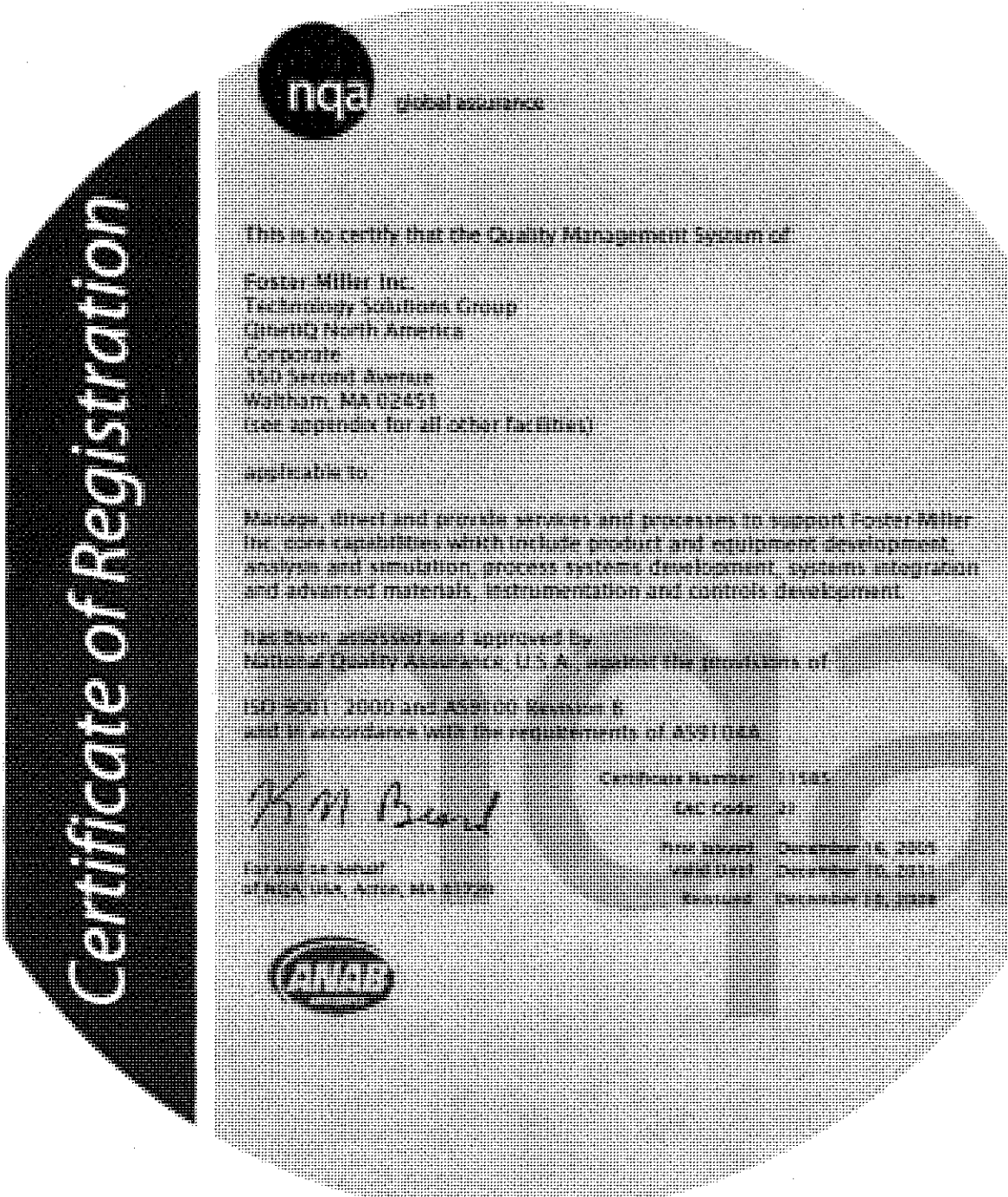


Figure 1 – National Quality Assurance (NQA) Registration

Certification was performed with National Quality Assurance-USA, headquartered in Acton, MA, a leading registrar located in the United States with its parent company located in the UK. TSG's Quality Management System is focused on satisfying our customers by continually improving our key business processes such that we provide our customers with quality products and services on time. Copies of our Corporate Certificates and Quality Policy have been provided below. A complete list of our certifications can be viewed at: <http://www.qinetiq-na.com/about-us-certifications.htm>.

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4.1 ISO 9001:2000 and AS9100 Revision B Certificate of Registration



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Certificate of Registration



global assurance

APPENDIX TO CERTIFICATE NUMBER 11068

This is to certify that the Quality Management System of

Exeter Miller Inc.
Technology Solutions Group
QinetiQ North America
Corporate
350 Second Avenue
Waltham, MA 02451

Last Avenue Waltham
101 Second Avenue, Waltham, MA 02451

Last Avenue Franklin
15 Forge Park, Franklin, MA 01706
Materials Technology Group

350 Second Avenue, Waltham, MA 02451

Commercial Equipment Center
350 Second Avenue, Waltham, MA 02451

Electronic and Electromagnetic Systems
350 Second Avenue, Waltham, MA 02451

Power Systems Technology
101 Second Avenue, Waltham, MA 02451

Structures and Transportation Group Waltham
350 Second Avenue, Waltham, MA 02451

Structures and Transportation Group Framburg
100 Shady Drive, Framburg, MA 01720

Handwritten signature: K. M. Beard

For and on behalf of
DPA, 100, Avon, MA 01770

Certificate Number: 11068
Issue Date: 01
Valid From: December 15, 2009
Valid Until: December 15, 2011
Renewed: December 15, 2010



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4.2 Letter from QNA TSG President, J. D. Crouch



The Technology Solutions Group (TSG) of QinetiQ North America is committed to providing value to our customers and to meet and or exceed their requirements and expectations.

Our goal is to provide high quality and innovative engineered products, services, and solutions while maintaining our responsiveness to the needs of all our customers and stakeholders.

We will measure and continuously improve our business performance and capabilities with focus on our customers by maintaining the effectiveness of our Quality Management System, improving key processes, setting annual improvement objectives, and complying with applicable regulatory requirements.

All TSG employees share the responsibility and play a key role in meeting the objectives set forth in this Policy.

(b) (6)

J.D. Crouch
President
Technology Solutions Group
QinetiQ North America
February 24, 2010

Rev 2/24/10

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