

Prototype Opportunity Notice (PON)
for
Next Generation Squad Automatic Rifle (NGSAR)

Issued by:

U.S. Army Contracting Command – New Jersey
Picatinny, NJ 07806-5000

In Support of:

PM Soldier Weapons – Crew Served Weapons
Picatinny, NJ 07806-5000

PON Issue Date: XX March 2018
Full Proposal Due Date: XX March 2018

TABLE OF CONTENTS

SECTION 1 – EXECUTIVE SUMMARY	4
1.1 Purpose.....	4
1.2 Background	4
1.3 Acquisition Approach	4
1.3.1 – Current System Demonstrator PON:.....	4
1.3.2 – Future Follow-On System Integration Prototype Project:	5
1.3.3 – Future Follow-On P&D Effort(s):.....	5
1.4 Definitions.....	5
1.5 Eligibility	6
1.6 Evaluators.....	7
SECTION 2 – PON SCOPE OF WORK.....	7
2.1 Statement of Work (SOW).....	7
2.2 Schedule	8
2.3 Milestone Payment.....	8
2.4 Period of Performance	8
2.5 Place of Performance	8
SECTION 3 – PROPOSAL SUBMISSION AND INSTRUCTION.....	9
3.1 Introduction.....	9
3.2 Proposal Submission.....	9
3.3 Proposal Preparation	10
3.4 Proposal Content	10
3.4.1 Proposal Section 1, Introduction.....	10
3.4.2 Proposal Section 2, Data Rights Assertions.....	10
3.4.3 Proposal Section 3, Evaluation Factors.....	11
3.4.4 Proposal Section 4, Significant Non-Traditional Participation or Cost Share	11
3.4.5 Proposal Section 5, Oral Presentations	13
SECTION 4 – BASIS OF EVALUATION	14
4.1 Evaluation Factors.....	14
4.2 Order of Importance.....	14
4.3 Rating Definitions	14
4.4 Factor 1 – Concept	15

4.5 Factor 2 – Feasibility.....	15
4.6 Factor 3 – Price:	15
SECTION 5 – OTHER INFORMATION	15
SECTION 6 – CONTACT INFORMATION	16
SECTION 7 – ACRONYMS	16
ENCLOSURE A – MODEL OTA.....	18
ENCLOSURE B – LETHALITY REQUIREMENTS	19

DRAFT

SECTION 1 – EXECUTIVE SUMMARY

1.1 Purpose

The purpose of this Prototype Opportunity Notice (PON) is to award up to five Prototype OTAs under Section 815 OTA authority, pursuant to 10 U.S.C. § 2371b, with the goal of developing a system demonstrator representative of a Technology Readiness Level (TRL) 6 and Manufacturing Readiness Level (MRL) 6.

1.2 Background

Next Generation Squad Automatic Rifle (NGSAR) is the first variant of the Next Generation Squad Weapons. The NGSAR will address operational needs identified in various capability based assessments and numerous after action reports. The NGSAR is the planned replacement for the M249 Squad Automatic Weapon (SAW) in Brigade Combat Teams (BCT). It will combine the firepower and range of a machine gun with the precision and ergonomics of a rifle, yielding capability improvements in accuracy, range, and lethality. The weapon will be lightweight and fire lightweight ammunition, improving Soldier mobility, survivability, and firing accuracy. Soldiers will employ the NGSAR against close and extended range targets in all terrains and conditions. The NGSAR support concept will be consistent and comparable to the M249 SAW involving the Army two-level field and sustainment maintenance system.

The Small Arms Ammunition Configuration (SAAC) study, completed in 2017, identified potential weapon system approaches that can address the operational needs. To investigate potential technologies that support these approaches, the U.S. Army Contracting Command – New Jersey (ACC-NJ) on behalf of U.S. Army Armament Research, Development and Engineering Center (ARDEC), awarded on 05 December 2017 a competitive Department of Defense Ordnance Technology Consortium (DOTC) Initiative 17-01 INIT 1407 to AAI Corporation doing business as Textron Systems Unmanned Systems through agreement W15QKN-14-9-1001 under Section 815 Prototype OTA authority, pursuant to 10 U.S.C. § 2371b. This DOTC initiative is for the development and fabrication of advanced lightweight small caliber cartridge prototype ammunition and the development and fabrication of a functional prototype weapon system capable of firing this ammunition.

In addition, the Government has conducted multiple industry days, reviewed numerous industry white papers, and evaluated the results of other market research. The collective analysis indicates that Industry has potential concepts that can address the aforementioned operational needs in the near term and provide future growth as technologies mature. This PON seeks to explore those potential industry solutions/concepts that can be matured to address the NGSAR requirements.

1.3 Acquisition Approach

1.3.1 – Current System Demonstrator PON: ACC-NJ on behalf of Project Manager Soldier Weapons is seeking proposals for new, innovative solutions to address NGSAR requirements. This PON may award up to five independent prototype OTAs with a maximum 12 month period of performance to develop a system demonstrator representative of a TRL 6 and MRL 6. Each individual OTA may be followed by a Government test of the system demonstrator (Government fired using a Weapon Recoil Simulated Shoulder) with test results provided to the Awardee

within approximately 30 days. Following these efforts, a full and open competitive PON for a follow-on system integration prototype project may be announced. Participation in this system demonstrator PON is not required for participation in the follow-on system integration prototype project.

1.3.2 – Future Follow-On System Integration Prototype Project: A follow-on system integration prototype project may be initiated with a new PON requiring a system demonstrator (minimum TRL 6, MRL 6) bid sample and proposal. The combined evaluation of bid sample test results and proposal may result in the award of up to three independent OTAs. The OTAs may include decision points (e.g. Critical Design Review (CDR), Test Readiness Review (TRR), Product Qualification Test (PQT), and other critical tests) to continue or discontinue the OTA throughout the acquisition cycle. The system integration prototype project may include a full system integration, ensure a producible product that is safe, interoperable, affordable and sustainable through modeling, simulation, user evaluation and testing with a goal of delivering production representative systems achieving a TRL 8 and MRL 8. OTA deliverables may include 350+ weapons with fire control and other enablers, over 1,500,000 rounds of ammunition, spares, special tools, and manuals. Successful completion of the system integration prototype project may qualify Awardees for continuation into a follow-on production and deployment (P&D) effort without further competition.

1.3.3 – Future Follow-On P&D Effort(s): The P&D effort may involve the award of up to two independent follow-on production OTAs or up to two independent Federal Acquisition Regulation (FAR) based contracts with a period of performance up to ten years. The P&D effort may include low rate initial production, operational test and evaluation, full rate production, fielding, and sustainment capability. Deliverables may include over 15,000 weapons with fire control and other enablers, over 30,000,000 rounds of ammunition with planned transition to Government run production (pending intellectual property if required), spares, special tool, manuals, and depot support.

1.4 Definitions

“Agreements Officer” as defined by the Department of Defense (DoD) OTA Guide is an individual with authority to enter into, administer, or terminate other transactions for prototype projects. To be eligible to be an Agreements Officer, the individual must be a warranted DoD Contracting Officer with a comparable dollar value warrant.

“Cost Share” is defined as the resources expended by the award recipients over the life of the prototype project.

“Innovative” means any new technology, process, or method, including research and development; or any new application of an existing technology, process, or method.

“Key Participant” as defined by the DoD OTA Guide means a business unit that makes a significant contribution to the prototype project. Examples of what might be considered a significant contribution include supplying new key technology or products, accomplishing a significant amount of the effort, or in some other way causing a material reduction in the cost or schedule or increase in performance.

“Nontraditional Defense Contractor” as the term is defined in section 2302(9) of title 10, United States Code with respect to applicable authority, means an entity that is not currently performing and has not performed, for at least the one-year period preceding the solicitation of sources by the Department of Defense for the procurement or transaction, any contract or subcontract for the Department of Defense that is subject to full coverage under the cost accounting standards prescribed pursuant to section 1502 of title 41 and the regulations implementing such section. This includes all small business concerns under the criteria and size standards in Title 13, Code of Federal Regulations, part 121 (13 CFR 121).

"Other Transaction for Prototype Projects" refers to this type of OTA. This type of OTA is authorized by 10 U.S.C. 2371b for prototype projects directly relevant to enhancing the mission effectiveness of military personnel and the supporting platforms, systems, components, or materials proposed to be acquired or developed by the DoD, or for the improvement of platforms, systems, components, or materials in use by the armed forces. This type of OTA is treated by DoD as an acquisition instrument, commonly referred to as an "other transaction" for a prototype project or a Section 2371b "other transaction".

“Small Business” as defined by the DoD OTA Guide means a small business concern as defined under section 3 of the Small Business Act (15 U.S.C. 632)

“System Demonstrator” refers to a functional prototype weapon, 2,000 rounds ammunition(s), fire control (day and night), bipod, suppressor, enablers (optional), spare part(s) to support firing 2,000 rounds, special tools, and operator manuals capable of firing and demonstrating the proposed capabilities to meet the lethality requirements. Mann Barrels do not constitute functional prototype weapons.

1.5 Eligibility

In accordance with 10 U.S.C. 2371b paragraph d, Offerors must meet at least one of the following conditions to be considered for an award:

(A) There is at least one nontraditional defense contractor participating to a significant extent in the prototype project.

(B) All significant participants in the transaction other than the Federal Government are small businesses or nontraditional defense contractors.

(C) At least one third of the total cost of the prototype project is to be paid out of funds provided by parties to the transaction other than the Federal Government.

In addition, Offerors must have a Dunn and Bradstreet (DUNS) number and must register in the System for Award Management (SAM) to obtain a Commercial and Government Entity (CAGE) code. This system verifies identity and ensures that payment is sent to the right party. In general, to invoice and receive payment after award of an OTA, Offerors must register in the Invoice,

Receipt, Acceptance, and Property Transfer (iRAPT) system formerly known as Wide Area Work Flow (WAWF). The Offeror must be considered a responsible party by the Agreements Officer, and is not suspended or debarred from such agreement by the Federal Government, and is not prohibited by Presidential Executive Order, or law from receiving such award.

1.6 Evaluators

ACC-NJ, with the assistance of subject matter experts, will review and evaluate proposals submitted in response to this PON to ensure the Offeror is meeting all Government requirements. Technical exchanges will be held with Offerors.

SECTION 2 – PON SCOPE OF WORK

The Government intends to award up to five independent fixed price OTAs, procuring one (1) system demonstrator from each Awardee. The Government reserves the right to award less than five OTAs or to make no OTA awards. Offerors may submit more than one proposal, however, each proposal must be separate and distinct from one another. Each proposal shall include supporting information on how the design will address the desired goals for each capability of the system demonstrator as well as schedule and cost details. Award(s) will be fixed price and will be made using an OTA(s). The Agreements Officer will negotiate directly with each Offeror for technical exchanges and to finalize any unique terms and conditions of the model OTA (See Enclosure A), including payments.

2.1 Statement of Work (SOW)

This statement of work defines the work required to design, develop, fabricate, test, and deliver a system demonstrator. A final SOW will be negotiated with each Awardee. The system demonstrator should be capable of accurately defeating current and future threats. The design should factor in trade space to support further weight reduction and capabilities growth in the system integration prototype project and the P&D effort. The system demonstrator is encouraged to include additional capabilities such as: advanced fire control (direct view optic with variable magnification, laser range finder, ballistic calculator, environmental data, disturbed reticle, etc.), powered/intelligent rail (including data transfer), ammunition capacity (belt or box fed), and other enablers which enhance military utility.

For your consideration, the system demonstrator for this prototype project has the following desired goals:

Capability	Desired Goals
Weapon Only (weapon, sling, bipod, suppressor, no magazine/pouch)	12 pounds or less
Ammunition Weight (no magazine, belt, belt components, box, or feed systems)	20 percent less than an equal brass case weight volume
Dispersion	- Semi-Automatic 7 inch Average Mean Radius 400 meters - Automatic 14 inch Average Mean Radius 400 meters
Weapon Length (buttstock extended)	35 inches or less
Fire Control (includes day/night optics)	3 pounds or less
Lethality Requirements	See ENCLOSURE B – LETHALITY REQUIREMENTS
Rate of Fire	60 rounds per minute with 3 round burst for 15 minutes without a barrel change or cook-off
Suppressor	- Flash 80 percent less than unsuppressed M249 - Acoustic 140 decibels or less
Weapon Controllability	Soldier firing standing with optic at a 50 meter E-Type silhouette given 3 to 5 round burst must be able to engage in 2-4 seconds placing two rounds 70 percent of the time on target

2.2 Schedule

A schedule of applicable milestones (i.e. System Requirement Review (SRR), Preliminary Design Review (PDR), CDR, etc.) with frequency and due dates will be negotiated with each Awardee. Within 12 months after OTA award, the Awardee will be required to deliver a system demonstrator representative of a TRL 6 and MRL 6 and provide instruction on the use and operation of their system demonstrator.

2.3 Milestone Payment

A schedule of applicable milestone payments, amounts, and dates will be negotiated with each Offeror selected for award.

2.4 Period of Performance

The period of performance for this statement of work is 12 months.

2.5 Place of Performance

The primary place of performance shall be at the Awardee's facility unless designated otherwise. Delivery and Government testing of the system demonstrator will be at Aberdeen Proving Grounds (APG), Maryland. The Awardee is expected to travel to APG to provide instruction on their system demonstrator.

SECTION 3 – PROPOSAL SUBMISSION AND INSTRUCTION

3.1 Introduction

The purpose of the Proposal is to identify innovative solutions for the Department of Defense and preclude efforts on the part of the Offeror whose proposed work is not of interest to the Government. Accordingly, Offerors are encouraged to submit Proposal(s) following the instructions detailed below. A proposal submission includes a written section and an oral presentation to be conducted at Picatinny Arsenal, New Jersey. The Proposal shall specifically identify how the Offeror will achieve the requirements stated in this PON.

In general, Offerors will be notified approximately five weeks after the PON has closed whether their solution is of interest to the Government. The Government and each selected Offeror will then negotiate the terms and conditions of the OTA prior to award.

3.2 Proposal Submission

- 1) The costs of preparing, submitting, and hosting the Proposal are not considered an allowable direct charge to any contract or agreement.
- 2) Advertising brochures are not desired.
- 3) Multiple Proposals may be submitted by the same organization; however, each Proposal must be separate and distinct from one another.
- 4) The Proposal(s) shall be valid for a period of 180 days.
- 5) Technical data with military application may require appropriate approval, authorization, or license for lawful exportation.
- 6) All Proposals (including any written and oral information) shall be unclassified and will be protected as competitive source selection information. This does not limit the Government's right to use information contained in the proposal if it is obtained and allowed from another source.
- 7) The ability to obtain an OTA based upon a submission may depend upon the ability of the Offeror to obtain necessary clearances and approvals to obtain and store classified information, prior to the close of this PON.
- 8) Questions regarding the objectives or preparation of the Proposal shall be addressed to Corey W. Woodson, Contract Specialist, Army Contracting Command – New Jersey, Email: corey.w.woodson.civ@mail.mil
- 9) Required proposal information must be submitted via Email to: corey.w.woodson.civ@mail.mil. Note: electronic submission of files exceeding 20 megabytes (MB), but less than 2 gigabytes (GB) in size, can be transmitted to

corey.w.woodson.civ@mail.mil using the AMRDEC Safe Access File Exchange (SAFE) system at <https://safe.amrdec.army.mil/safe/Welcome.aspx>.

3.3 Proposal Preparation

The Proposal's written section shall not exceed 25 pages using 12-point font, 1 inch margins on 8.5 inch by 11 inch page size. Introduction, Data Rights Assertions, and Price/Significant Non-Traditional Participation or Cost Share do not count towards the 25 pages.

The Proposal's oral section shall not exceed three hours. The Government will schedule oral presentations with the Offeror within five days after close of PON.

3.4 Proposal Content

Each Proposal submitted shall consist of the following sections:

Section 1 – Introduction (does not count towards 25 page limit)

Section 2 – Data Rights Assertions (does not count towards 25 page limit)

Section 3 – Evaluation Factors (counts towards 25 page limit)

Section 4 – Significant Non-Traditional Participation Or Cost Share (does not count towards 25 page limit)

Section 5 – Oral Presentation (not to be included in the written section, three hour maximum)

3.4.1 Proposal Section 1, Introduction

(This section will not count towards the 25 page count limit.)

Company Name, Date, Point of Contact Name, Title, E-Mail Address, Phone, and Address and any key participants, subcontractors or team members. Include an abstract which provides a concise description of the proposal.

3.4.2 Proposal Section 2, Data Rights Assertions

(This section will not count towards the 25 page count limit.)

The Proposal will identify any intellectual property involved in the effort and associated restrictions on the Government's use of that intellectual property.

The Government may request the Offeror provide additional information/detail provided in the Proposal to clarify data rights assertions. Include documentation proving your ownership of or possession of appropriate licensing rights to all patented inventions (or inventions for which a patent application has been filed) that will be utilized under your proposal for a system demonstrator. If a patent application has been filed for an invention that your proposal utilizes, but the application has not yet been made publicly available and contains proprietary information, you may provide only the patent number, inventor name(s), assignee names (if any), filing date, filing date of any related provisional application, and a summary of the patent title, together with either: (1) a representation that you own the invention, or (2) proof of possession of appropriate licensing rights in the invention.

The Proposal will provide a good faith representation that you either own or possess appropriate licensing rights to all other intellectual property that will be utilized under your proposal.

*3.4.3 Proposal Section 3, Evaluation Factors
(This section counts towards the 25 page count limit.)*

The Proposal shall address the following criteria:

Factor 1 – Concept: Describe the attributes/capabilities of the system demonstrator to be delivered and provide evidence and rationale supporting how the system demonstrator will meet the objective of accurately defeating current and future threats while reducing Soldier load. Identify potential system growth for weapon, ammunition, fire control, and/or other enablers expected in the system integration prototype project and the P&D effort.

Factor 2 – Feasibility: Describe how the Offeror will accomplish their concept within 12 months. The discussion shall describe the experience, facilities, resources, and key participants the Offeror will utilize. The proposal shall provide a schedule of key events critical to deliver the Offeror's system demonstrator within 12 months of OTA award.

Factor 3 – Price: The Offeror shall provide a single proposal price for this requirement and a separate price for cost share if applicable. In addition the Offeror shall only provide unburdened (i.e. without overhead, General and Administration (G&A), profit, cost of money, etc.) price breakout for the items below. These unburdened price breakouts are not expected to add up to the single proposal price.

System Demonstrator Items (not all inclusive)	Price
Prototype Weapon (includes bipod, suppressor, and sling)	\$
Ammunition (2,000 rounds)	\$
Fire Control	\$
List each enabler and its price separately	\$

COMPTROLLER GENERAL ACCESS TO INFORMATION

In projects that provide for payments in a total amount in excess of \$5,000,000, the agreement must include a clause that provides for the Comptroller General the ability to examine the records of any party to the agreement or any entity that participates in the performance of the agreement.

*3.4.4 Proposal Section 4, Significant Non-Traditional Participation or Cost Share
(This section will not count towards the ten page count limit.)*

To be considered for award, the Offeror shall meet at least one or more of the following conditions:

Conditions	Yes	No
1. At least one nontraditional defense contractor is participating to a significant extent in this prototype project.		
2. All significant participants in the transaction other than the Federal Government are small business or nontraditional defense contractors.		
3. At least one third of the total cost of the prototype project is to be paid out of funds provided by parties to the transaction other than the Federal Government.		

3.4.4.1 If you answered “Yes” to condition 1, then the Offerors’ proposal shall provide a description of how the significant participant meets the requirements for a non-traditional defense contractor and how they will be participating to a significant extent.

The Offerors’ proposal shall certify the following:

“[Significant Participant Company Name] is not currently performing and has not performed, for at least the one-year period preceding the solicitation of sources by the Department of Defense for the procurement or transaction, any contract or subcontract for the Department of Defense that is subject to full coverage under the cost accounting standards prescribed pursuant to section 1502 of title 41 and the regulations implementing such section.”

3.4.4.2 If you answered “Yes” to condition 2, then the Offerors’ proposal shall provide a description of how all significant participants are small business or how the significant participants meet the requirements for a non-traditional defense contractor.

The Offerors’ proposal shall certify the following:

“[Significant Participant Company Name] is not currently performing and has not performed, for at least the one-year period preceding the solicitation of sources by the Department of Defense for the procurement or transaction, any contract or subcontract for the Department of Defense that is subject to full coverage under the cost accounting standards prescribed pursuant to section 1502 of title 41 and the regulations implementing such section.”

3.4.4.3 If you answered “Yes” to condition 3, then the Offerors’ proposal shall state the amount that is being proposed and whether the cost sharing is a cash contribution or in-kind contribution as discussed below. If the offer contains multiple team members, this information shall be provided for each individual team member providing cost share.

Cost sharing includes any costs a reasonable person would incur to carry out (necessary to) Statements of Work not directly paid for by the Government. There are two types of cost sharing: (1) Cash: Outlays of funds to perform the Technology Objective. Cash includes labor, materials, new equipment, and relevant subcontractor efforts. Sources include new IR&D funds, profit or fee from another contract, overhead or capital equipment expense pool. New Internal

Research & Development (IR&D) funds offered to be spent on the Statement of Work and subject to the direction of the project's management may be utilized as cost share. (2) In-Kind: Reasonable value of in-place equipment, materials or other property used in performance of the project. All cash or in-kind cost sharing availability must be clearly and convincingly demonstrated by the member. The Offeror will be required to provide financial reporting with appropriate visibility into expenditures of Government funds vs. private funds. Parallel research that might be related to the project, but will not be part of the Statement of Work or subject to the direction of the project's management will not be considered for cost sharing. All costs, fees, profits, G&A, bid and proposal costs, or intellectual property value incurred prior to the project award will not be accepted.

Unacceptable cost share sources include the following:

- a) Sunk costs or costs incurred before the start of the proposed project
- b) Foregone fees or profits
- c) Foregone G&A or cost of money applied to a base of IR&D
- d) Bid and proposal costs
- e) Value claimed for intellectual property or prior research
- f) Parallel research or investment, i.e., research or other investments that might be related to the proposed project but which will not be part of the Statement of Work. Typically these activities will be undertaken regardless of whether the proposed project is awarded.
- g) Off-Budget Resources, i.e., resources that will not be risked by the Offeror in performance of the proposed project, will not be considered when evaluating cost share.

3.4.4.4 Cost Share Requirements: Cost share is not a mandatory requirement. However, if a proposal does not contain at least one nontraditional defense contractor participating to a significant extent, then it is anticipated the proposal will contain at least one third of the total Project cost as cost share. Beyond that, cost sharing is encouraged if possible as it leads to stronger Government-contractor technology leveraging.

3.4.5 Proposal Section 5, Oral Presentations

(Not to be included in the written section, three hour maximum)

Oral presentations will be coordinated by ACC-NJ. The oral presentation should be consistent with and compliment the written proposal sections. The oral presentation is the Offeror's opportunity to further explain and the Government's opportunity to better understand their concept, feasibility, and price. The Offeror should include the appropriate key participants and subject matter experts in the oral presentation to aid in the discussion. The Offeror may demonstrate prototype weapons or concepts, provide a slide presentation, and/or utilize the three hours at their discretion. Physical copies of the material presented in the oral presentations, (i.e. slides, handouts, video, etc.) are not required nor will they be accepted by the Government. Access to Government computers are not allowed; however, a projector and screen will be available for use. Physical hardware presented and transported, shall adhere to all federal, state, and local laws. Live firing and/or live ammunition are not allowed. Any questions related to material/hardware to be presented shall be submitted to the Agreements Specialist.

Within five days after the oral presentation, the Offeror will have an opportunity to submit a revised written proposal section that replaces the original written proposal and complies with the same requirements outlined above in Section 3.4 Proposal Content. If a revised written proposal section is submitted, then any previous versions will be discarded and only the revised written proposal section will be evaluated. If a revised written proposal section is not submitted, then the Government will continue evaluating the Offeror's originally submitted written section. Separate updates to existing written proposal sections are not allowed.

SECTION 4 – BASIS OF EVALUATION

Offeror Proposal(s) will be evaluated in a careful, full and impartial manner pursuant to the stated criteria of this PON. Awards will be made to the Offeror(s) that best meet the Government requirements based on an integrated assessment of the evaluation results. Upon review of a Proposal(s) the Government may elect to invite an Offeror prior to award of OTA to provide additional clarifying information. The Government reserves the right to conduct a Pre-Award Survey or similar, in order to determine Contractor responsibility.

The below Evaluation Criteria will be used in the selection of up to five OTA awards. The basis for award of OTA(s) resulting from this PON will be the result of the evaluation of the Factors specified below.

4.1 Evaluation Factors

Factor 1, Concept
Factor 2, Feasibility
Factor 3, Price

4.2 Order of Importance

All factors are of equal importance.

4.3 Rating Definitions

The evaluators will use the following terms in support of the rating of all non-cost/price evaluation Factors:

Red	A material failure in the proposal that significantly increases the risk of unsuccessful contract performance. The risk of unsuccessful contract performance is high. The proposal is not awardable.
Yellow	A flaw in the proposal that increases the risk of unsuccessful contract performance. The risk of unsuccessful contract performance is medium.
Green	The Offeror's proposal has merit in meeting the Government objective. The risk of unsuccessful contract performance is low.

Blue	The Offeror's proposal has merit in meeting the Government objective in a way that will be appreciably advantageous to the Government. The risk of unsuccessful contract performance is low.
------	--

4.4 Factor 1 – Concept

The Government will evaluate the adequacy of the Offeror's concept in meeting the Government's objectives to accurately defeat current and future threats while reducing Soldier load. The Government will assess the Offeror's design for near term and future growth potential. The Government will consider the following areas of the Offerors system demonstrator concept:

- a. Weight Budget
- b. Accuracy
- c. Physical Characteristics
- d. Fire Control
- e. Lethality Requirements
- f. Rate of Fire
- g. Suppressor Effectiveness
- h. Weapon Controllability and Other Human Factors
- i. Enablers (as applicable)
- j. Near term capability growth (FY21)
- k. Future capability growth (FY24)

4.5 Factor 2 – Feasibility

The Government will evaluate the feasibility of the Offeror's ability to execute the proposed plan to meet the Government's objectives within 12 months. The Government will consider the following areas of the Offerors' plan:

- a. Experience
- b. Facilities
- c. Resources
- d. Key Participants
- e. Schedule of Key Events

4.6 Factor 3 – Price:

The Government will conduct price analysis of the overall prices submitted to determine price reasonableness for OTA award(s). Price reasonableness will be based on competitive offers received in response to this PON.

SECTION 5 – OTHER INFORMATION

ACC-NJ policy is to treat all submissions as source selection information, and to disclose their contents only for the purpose of evaluation. Restrictive notices notwithstanding, during the evaluation process, submissions may be handled by support contractors for administrative purposes and/or to assist with technical evaluation. All ACC-NJ and DoD support contractors

performing this role are expressly prohibited from performing DoD-sponsored technical research and are bound by appropriate nondisclosure agreements.

System Demonstrators delivered under the awarded OTAs will be owned by the Government and will be kept for further testing and evaluation.

SECTION 6 – CONTACT INFORMATION

U.S. Army Contracting Command - New Jersey
Soldier Weapons
Building 9 Phipps Road
Picatinny Arsenal, NJ 07806-5000

Agreements Specialist – Corey W. Woodson, Email: corey.w.woodson.civ@mail.mil
Agreements Officer – Travis James, Email: travis.t.james2.civ@mail.mil

Be advised, only an Agreements Officer has the authority to enter into a binding agreement on behalf of the Government. He or she will sign the agreement, and only an Agreements Officer has the authority to change the terms of the agreement.

SECTION 7 – ACRONYMS

ACC-NJ	U.S. Army Contracting Command – New Jersey
AMRDEC	Aviation and Missile Research, Development, and Engineering Center
APG	Aberdeen Proving Grounds
ARDEC	U.S. Army Armament Research, Development and Engineering Center
BCT	Brigade Combat Teams
CAGE	Commercial and Government Entity
CDR	Critical Design Review
DoD	Department of Defense
DOTC	Department of Defense Ordnance Technology Consortium
DUNS	Dunn and Bradstreet
FAR	Federal Acquisition Regulation
G&A	General & Administrative
GB	Gigabyte
IR&D	Internal Research & Development
iRAPT	Invoice, Receipt, Acceptance, and Property Transfer
MB	Megabyte
MRL	Manufacturing Readiness Level
NGSAR	Next Generation Squad Automatic Rifle
NGSWS	Next Generation Squad Weapon System
OTA	Other Transaction Agreement
P&D	Production and Deployment

PDR	Preliminary Design Review
PON	Prototype Opportunity Notice
PQT	Product Qualification Test
SAAC	Small Arms Ammunition Configuration
SAFE	Safe Access File Exchange
SAM	System for Award Management
SAW	Squad Automatic Weapon
SOW	Statement of Work
SRR	System Requirement Review
TRL	Technology Readiness Level
TRR	Test Readiness Review
WAWF	Wide Area Work Flow

DRAFT

ENCLOSURE A – MODEL OTA

Please request a copy of the Model OTA from the Agreement Specialist, Corey W. Woodson,
Email: corey.w.woodson.civ@mail.mil.

DRAFT

ENCLOSURE B – LETHALITY REQUIREMENTS

The lethality requirements for this PON are marked Distribution F. Please request a copy of the Lethality Requirements from the Agreement Specialist, Corey W. Woodson, Email: corey.w.woodson.civ@mail.mil with the below completed forms:

DD Form 2345	 DD FORM 2345.pdf
AMSTA-AR Form 1350	 AMSTA-AR Form 1350.docx
Non-Disclosure/Non-Use Agreement	 Non-Disclosure Non-Use Agreement