

## **Questions and Answers (Q&As) for the BAA 12-03 Kiosk Access Control Point (KACP)**

1. What specific authentication functions do you want performed by the Kiosk?

Answer: As stated in paragraph 1.8.2, the Kiosk Access Control Point “shall effectively and reliably verify/authenticate government issued photo identification credentials (e.g. passports, driver’s licenses) and credit cards and other generally accepted forms of personal identification.” You can assume that the Kiosk will be required to compare the credentials against a preprogrammed visitor list that will periodically change.

2. What specific identifying information do you want the card reader or scanner to acquire?

Answer: See response to 1.

3. What technology do you require this Kiosk to have to “read” various identification documents (credit card swipe, optical scan, RFID, etc.)?

Answer: The objective of the BAA is to identify and integrate the capabilities to “read” documents and detect trace chemicals in a single platform. Specific technologies to satisfy the requirements have not been predetermined for this effort.

4. What DHS or other AUTHORITATIVE SOURCE(s) will you require the Kiosk to validate scanned documents against?

Answer: See response to 1.

5. What is the operating system and software platform used in the platform supporting the Authoritative Source database?

Answer: The interface is unspecified and should be defined and included as part of the standalone Kiosk system itself.

6. What type of connectivity do you want this Kiosk to be able to utilize to access your Authoritative Source?

Answer: See response to 5.

7. What are the network security access requirement capabilities for this Kiosk to access HSDN, DHS OneNet, HSIN2, or other network to perform authentication?

Answer: The security access requirement capabilities are undefined at this time.

8. What specific authentication results/response do you want displayed or indicated at or on the Kiosk (text, pictures, etc.)?

Answer: The Notification Capability is described in Kiosk Performance Parameter, Number 8 in Paragraph 1.8.2 (Statement of Work) of the BAA.

9. Are there any AUTHORIZATION functions/requirements of the Kiosk? If so, what?

Answer: Authorization functions are not predefined for this effort but should be considered, identified and included in the design.

10. What information do you want passed to the central management station and under what conditions?

Answer: The Notification Capability is described in Kiosk Performance Parameter, Number 8 in Paragraph 1.8.2 (Statement of Work) of the BAA.

11. Where will these Kiosks operate?

Answer: As stated in paragraph 1.8.1 of the BAA: "This capability shall be implemented as a standalone Kiosk (containing an identification credential verification and trace explosive detection capabilities that can be selectively switched on or off) and integrated with an operator's console at a security check point."

12. Paragraph 1.6: Should the white paper encompass Task 1:Design and Development or both Task 1:Design and Development and Task 2: Fabrication, Test, and Delivery?

Answer: White paper should encompass both Task 1 and Task 2.

13. Paragraph 1.8.1: Is the operator's console that the Kiosk integrates with the same one that the performer delivers in Optional Task 2 or an existing DHS component at a checkpoint?

Answer: Operator's console should be delivered as part of the system.

14. Paragraph 1.8.1: Is there a defined alert message format or protocol that is to be used between the Kiosk and the operator's console?

Answer: Alert format/protocol has not been defined.

15. Paragraph 1.8.2: Has a target sensitivity for the trace detection been established based upon a published study, and if so, what is that study?

Answer: Target sensitivity requirement for trace detection has not been established.

16. Paragraph 1.8.2: Performance Parameter 4 - Are the preprogrammed visitor lists local to the Kiosk / Control Point Network? Is any outside network access or DB lookup required?

Answer: Assume visitor list is local to the Kiosk. No external network access/DB lookup is required for this effort.

17. Paragraph 1.8.2: Performance Parameter 7 –

a. Is the KACP / Operator’s Console network isolated or connected to another network?

Answer: Assume Kiosk/console network is standalone (isolated).

b. Are secure wireless communications acceptable?

Answer: The use of wireless communications is not preferred for this application.

c. Are any application certifications required similar to the Defense Information Systems Agency (DISA) testing and certification before it can be deployed in the DHS environment?

Answer: None are defined or required at this time.

18. Paragraph 4.2: White papers must limit entries to the number of words specified in Section 8.2, Appendix B. I don’t see any word limitations in Section 8.2 App. B. Am I looking in the right place?

Answer: Please refer to the corrected Appendix B as shown in Amendment 2 posted to FedBizOpps.

19. Paragraph 4.3.j: Does the ROM estimate to cost and deploy refer to purchasing and deploying a completed, productized Kiosk / control access point system or the initial 2 Kiosk prototypes and control access console as defined in task 2?

Answer: ROM estimate refers to completed productized system. ROM estimates should include any quantity price discounts, if applicable.

20. Do we need to register to submit questions?

Answer: Vendors do not have to register to submit questions.

21. Is there any specified format for the questions?

Answer: There is no specified format for the questions.

22. Is there a linkage between the KACP program as described herein and the CAT/BPSS program? If yes, please elaborate.

Answer: There is no direct link. The KACP is intended to satisfy a different capability gap. The CAT/BPSS technology could be used as the platform for this application.

23. Paragraph 1.8.2: Scope of Work: "It is anticipated that future efforts will include mobile Kiosks with expanded detection capability to include additional threat agents." Should the proposed solution (as part of this white paper response) have the ability to be a mobile kiosk solution and does that solution have to support battery operations?

Answer: No. The reference to mobile Kiosks was to provide an idea of the potential market, design considerations, and scope of future applications. The requirements for the mobile Kiosk have not yet been defined.

24. Paragraph 1.8.2: Scope of Work: Is the vendor correct to assume that the primary kiosk will not have any DHS intervention during the document screening process other than it is network linked to the control point interface?

Answer: Yes.

25. If yes, is there a complete listing of the types of identifications (credentials) that the system must validate against?

Answer: The credentials listed in the Kiosk Performance Parameters ("Document screening") are not intended to be an all inclusive list but is provided as guidance. Technical approach description in the white paper should identify the document screening capabilities and limitations.

26. Will the document checker be required to have its own identifications (credentials) database to validate against for authenticity of the document? Or is it strictly validating against the DHS listing of preprogrammed visitor lists.

Answer: The current requirement is to validate credentials against a preprogrammed visitor list.

27. Assertion of Data Rights: The BAA references a potential involvement during the field prototype evaluation scenario with Government personnel such as the Transportation Security Agency (TSA), Customs and Border Patrol (CBP) and Secret Service, etc., does this mean that this system can potentially be installed by these agencies in other locations? Please clarify.

Answer: Yes. The intent is for the Kiosk to be a self-contained, stand alone system for various applications and deployments.

28. Can DHS provide an estimate of the approximate number of systems and/or locations in the event that this program were to move to the future phases of the procurement process?

Answer: Specific applications and number of systems to be produced have not been defined at this time. Kiosk performance will influence the future interest and acquisition of this device.

29. Paragraph 4.6: Significant Dates and Times: Due to the holidays, will DHS consider extending the due date of the white paper submission until the end of January 2012 to allow vendors to

properly evaluate the Government's response to vendor questions and prepare a complete and quality response?

Answer: DHS has no current intention to extend the due date for white paper submission.

30. Can you offer this on the GSA Schedule?

Answer: No, this BAA will not be offered on the GSA Schedule.

31. The BAA states that the deliverable is "Two (2) Prototype Kiosks with an operator console (a TRL 6 to 7 is desired)." What is the fidelity of information required for reporting results? For example, is it sufficient to report spectral results demonstrating that unique peaks are present when explosives are presented to the system (and these peaks are not present when an ID without explosives is presented to the system) or is it required that the console report which explosives are presented and demonstrate ability to de-convolute complex backgrounds (e.g., dirty ID)?

Answer: The primary function of the Kiosk is credential/name recognition. The addition of trace explosive detection on a document is a secondary feature.

If the credential/name is not a match, the individual is directed to go to an additional security screening point. If the credential/name matches, the individual is instructed to proceed.

The same scenario holds for trace explosives detection. If the credential is determined to be positive for trace explosive, the individual is instructed to go to a specific security point. If no trace explosive is detected, the individual is instructed to proceed. Identification of the specific explosive detected at the Kiosk access control point is not a requirement.

32. The amounts and timeline allocated to the project (\$2M/18 mos) are ambitious for the hardware deliverable with a relatively high TRL level (6 to 7) required. Are the indicated funds to include both Task 1 and the Optional Task 2?

Answer: The contract would be for both Task 1 and Task 2. Task 2 would only be exercised with a successful completion of Task 1.

If a lower TRL Proof-of-Concept can be developed within the bounds of the project, what is the landscape for a follow-on project if the core integration of a smart kiosk with an explosives detector can be demonstrated?

Answer: Consideration of follow-on efforts would be based on the success of the technology meeting the BAA requirements and the enhanced value added to the security at a checkpoint.

Alternately, is the intention to replace all of the check-in kiosks (e.g., at airline counters) with the smart kiosk or is the intention to deploy only a small number at screening portals?

Answer: There are no plans to replace airline check-in kiosks with this specific Kiosk. Deployment quantity will depend on Kiosk functionality and customer interest which is not determined at this time.

33. For the detection of the explosives, is it required to detect the explosive compounds directly or would a system that detects precursors / degradation products be within scope?

Answer: As stated in the SOW, the goal is for the Kiosk to detect trace explosives on credential documents. The complete list of target threats will be developed during the course of the program and may include precursors.

34. There is a tradeoff between analysis time and required sensitivity. The BAA mentions 15 seconds to provide the result from a trace and credential analysis and availability to screen the next document within 1 minute from the previous document insertion. What is the time frame sensitivity for the primary and subsequent screen?

Answer: The required time for primary screening results (to include credential scan and trace detection) is 15 seconds. There is no subsequent screening requirement. The 1 minute requirement refers to the cycle time (or recovery time) required for the Kiosk to be ready to scan the next document (not rescreen a document).