Accessibility Requirements Tool

ICT Accessibility Requirements Statement per Section 508 of the Rehabilitation Act

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Solicitation Development

Aircraft CMMS Software

E201 Application

E201.1 Scope ICT that is procured, developed, maintained, or used by agencies shall conform to the Revised 508 Standards.

E205 Electronic Content

E205.1 General Electronic content shall comply with E205.

E205.2 Public Facing Electronic content that is public facing shall conform to the accessibility requirements specified in E205.4.

E205.3 Agency Official Communication Electronic content that is not public facing shall conform to the accessibility requirements specified in E205.4 when such content constitutes official business and is communicated by an agency through one or more of the following:

- A. An emergency notification;
- B. An initial or final decision adjudicating an administrative claim or proceeding;
- C. An internal or external program or policy announcement;
- D. A notice of benefits, program eligibility, employment opportunity, or personnel action;
- E. A formal acknowledgement of receipt;
- F. A survey questionnaire;
- G. A template or form;
- H. Educational or training materials; or
- I. Intranet content designed as a Web page.

E205.4 Accessibility Standard (WCAG 2.0) - Electronic content shall conform to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (Incorporated by reference, see 702.10.1).

E206 Hardware

E206.1 General. Where components of ICT are hardware and transmit information or have a user interface, such components shall conform to the requirements in Chapter 4.

E207 Software

E207.1 General Where components of ICT are software and transmit information or have a user interface, such components shall conform to E207 and the requirements in Chapter 5

Exception from E207.1 General: Software that is assistive technology and that supports the accessibility services of the platform shall not be required to conform to the requirements in Chapter 5.

E207.2 WCAG Conformance User interface components, as well as the content of platforms and applications, shall conform to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1).

Exceptions from E207.2 WCAG Conformance:

- Software that is assistive technology and that supports the accessibility services of the platform shall not be required to conform to E207.2.

- Non-web software shall not be required to conform to the following four Success Criteria in WCAG 2.0: 2.4.1 Bypass Blocks; 2.4.5 Multiple Ways; 3.2.3 Consistent Navigation; and 3.2.4 Consistent Identification.

- Non-Web software shall not be required to conform to Conformance Requirement 3 Complete Processes in WCAG 2.0.

E207.3 Complete Process for Non-Web Software Where non-Web software requires multiple steps to accomplish an activity, all software related to the activity to be accomplished shall conform to WCAG 2.0 as specified in E207.2.

E208 Support Documentation and Services

E208.1 General Where an agency provides support documentation or services for ICT, such documentation and services shall conform to the requirements in Chapter 6.

E301 General

E301.1 Scope. The requirements of Chapter 3 shall apply to ICT where required by 508 Chapter 2 (Scoping Requirements), 255 Chapter 2 (Scoping Requirements), and where otherwise referenced in any other chapter of the Revised 508 Standards or Revised 255 Guidelines.

E302 Functional Performance Criteria

302.1 Without Vision. Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that does not require user vision.

302.2 With Limited Vision. Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that enables users to make use of limited vision.

302.3 Without Perception of Color. Where a visual mode of operation is provided, ICT shall provide at least one visual mode of operation that does not require user perception of color.

302.4 Without Hearing. Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that does not require user hearing.

302.5 With Limited Hearing. Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that enables users to make use of limited hearing.

302.6 Without Speech. Where speech is used for input, control, or operation, ICT shall provide at least one mode of operation that does not require user speech.

302.7 With Limited Manipulation. Where a manual mode of operation is provided, ICT shall provide at least one mode of operation that does not require fine motor control or simultaneous manual operations.

302.8 With Limited Reach and Strength. Where a manual mode of operation is provided, ICT shall provide at least one mode of operation that is operable with limited reach and limited strength.

302.9 With Limited Language, Cognitive, and Learning Abilities. ICT shall provide features making its use by individuals with limited cognitive, language, and learning abilities simpler and easier.

503 Applications

503.1 General Applications shall conform to 503.

503.2 User Preferences Applications shall permit user preferences from platform settings for color, contrast, font type, font size, and focus cursor.

Exception from E503.2 User Preferences: Applications that are designed to be isolated from their underlying platform software, including Web applications, shall not be required to conform to 503.2.

503.3 Alternative User Interfaces. Where an application provides an alternative user interface that functions as assistive technology, the application shall use platform and other industry standard accessibility services.

503.4 User Controls for Captions and Audio Description Where ICT displays video with synchronized audio, ICT shall provide user controls for closed captions and audio descriptions conforming to 503.4.

503.4.1 Caption Controls Where user controls are provided for volume adjustment, ICT shall provide user controls for the selection of captions at the same menu level as the user controls for volume or program selection.

503.4.2 Audio Description Controls. Where user controls are provided for program selection, ICT shall provide user controls for the selection of audio descriptions at the same menu level as the user controls for volume or program selection.

504 Authoring Tools

504.2 Content Creation or Editing Authoring tools shall provide a mode of operation to create or edit content that conforms to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1) for all supported features and, as applicable, to file formats supported by the authoring tool. Authoring tools shall permit authors the option of overriding information required for accessibility.

504.2.1 Preservation of Information Provided for Accessibility in Format Conversion. Authoring tools shall, when converting content from one format to another or saving content in multiple formats, preserve the information required for accessibility to the extent that the information is supported by the destination format.

504.2.2 PDF Export. Authoring tools capable of exporting PDF files that conform to ISO 32000-1:2008 (PDF 1.7) shall also be capable of exporting PDF files that conform to ANSI/AIIM/ISO 14289-1:2016 (PDF/UA-1) (incorporated by reference, see 702.3.1).

504.3 Prompts. Authoring tools shall provide a mode of operation that prompts authors to create content that conforms to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1) for supported features and, as applicable, to file formats supported by the authoring tool.

504.4 Templates. Where templates are provided, templates allowing content creation that conforms to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1) shall be provided for a range of template uses for supported features and, as applicable, to file formats supported by the authoring tool.

603 Support Services

603.1 General. ICT support services including, but not limited to, help desks, call centers, training services, and automated self-service technical support, shall conform to 603.

603.2 Information on Accessibility and Compatibility Features. ICT support services shall include information on the accessibility and compatibility features required by 602.2.

603.3 Accommodation of Communication Needs. Support services shall be provided directly to the user or through a referral to a point of contact. Such ICT support services shall accommodate the communication needs of individuals with disabilities.

Instructions to Offerors

1 Provide an Accessibility Conformance Report (ACR) for each commercially available Information and Communication Technology (ICT) item offered through this contract. Create the ACR using the Voluntary Product Accessibility Template Version 2.1 or later, located at https://www.itic.org/policy/accessibility/vpat. Complete each ACR in accordance with the instructions provided in the VPAT template. Each ACR must address the applicable Section 508 requirements referenced in the Work Statement. Each ACR shall state exactly how the ICT meets the applicable standards in the remarks/explanations column, or through additional narrative. All "Not Applicable" (N/A) responses must be explained in the remarks/explanations column or through additional narrative. Address each standard individually and with specificity, and clarify whether conformance is achieved throughout the entire ICT Item (for example - user functionality, administrator functionality, and reporting), or only in limited areas of the ICT Item. Provide a description of the evaluation methods used to support Section 508 conformance claims. The agency reserves the right, prior to making an award decision, to perform testing on some or all of the Offeror's proposed ICT items to validate Section 508 conformance claims made in the ACR.

2 Describe your approach to incorporating universal design principles to ensure ICT products or services are designed to support disabled users.

3 Describe plans for features that do not fully conform to the Section 508 Standards.

4 Describe "typical" user scenarios and tasks, including individuals with disabilities, to ensure fair and accurate accessibility testing of the ICT product or service being offered.

Acceptance Criteria

1 Prior to acceptance, the government reserves the right to perform testing on required ICT items to validate the offeror's Section 508 conformance claims. If the government determines that Section 508 conformance claims provided by

the offeror represent an inaccurate level of conformance than what is actually delivered to the agency, the government shall, at its option, require the offeror to remediate the delivered item to align with the required Section 508 conformance claims prior to acceptance.