The BSO functional Tools:

General Requirements

1. Shall be accessible from the contracts 2.0 Website
2. Shall be accessible to only authorized personnel (Contracts BSO Functional and Technical Teams)
3. Shall Utilize SPS Logins for authorization and authentication
4. Shall be constructed in a format that is meets IE11 standards but is also backwards compatible to match the Contracts 2.0 Website
5. The application shall conform to the DoD Application Security and Development STIG.

Module specific Requirements:

1. The BFT shall contain a search field in which the user can enter the document number of the document that they wish to modify.
2. The search field shall accept the following document types:
   1. Awards
   2. Basic Modifications
   3. Delivery Orders
   4. Delivery Order Modifications
   5. Purchase Orders
   6. Purchase order Modifications
   7. Solicitations
   8. Solicitation Amendments
3. Upon selection of the retrieve button, the document number will be queried against the database and shall return the current document information and status. The information is as follows:
   1. Applied Date
   2. Effective Date
   3. Document Status(Released/Unreleased)
   4. Document Description
   5. Creator
   6. Signature
4. The application shall have a tool for unreleasing documents
5. The Unrelease Tool shall provide a radio selector for choosing the reason for the unrelease. The reasons for unrelease to be displayed are as follows.
   * 1. IDIQ(Indefinite Delivery, Indefinite Quantity)
        1. This option is selected when an award document must be created but not released in order for a delivery order to be created and modified. These types of documents are to be rereleased though PD2
     2. Accidental Release
        1. Occasionally a Contracts Specialist will release a document by accident, requiring immediate unrelease. These types of documents are to be rereleased through PD2.
     3. Awarded with errors
        1. A document is purposefully released, but the document has errors and must be unreleased. These types of documents are to be rereleased via the Functional Tools Rerelease Tool module.
6. Upon select of the “Awarded With Errors” radio button, the application shall display a dropdown menu for selecting whether or not to send the document to EDA.
7. The application shall track every unrelease action in a database table for future rereleasing. An unrelease includes:
   1. Applied flag: dsk\_obj.applied
   2. dsk\_obj.ur\_icon\_id
   3. stamp\_id: dsk\_obj.stmp\_id
   4. current\_fl: proc\_object.current\_fl
   5. applied date: proc\_object.apld\_dt
   6. applied flag: proc\_object.apld\_fl
   7. Effective Date: award.awd\_rel\_dt
   8. Signer: internal.ko\_cntct\_id
   9. Address: internal.ko\_addr\_id
   10. Org. Code: internal.ko\_org\_id

These values are to be stored in an audit table for every time a document is unreleased using the ft\_unrelease stored procedure

1. The unrelease tool shall contain a field for the user to enter a more detailed description of the change reason.
2. Upon successful unrelease of a document, the application shall return a message to the user with a description of the changes that were made to the database fields
3. Upon failure to unrelease the document, the application shall revert to a secure state and record the error as well as any changes that were made to the database fields.
4. The application shall have a tool for releasing previously unreleased documents
5. The Rerelease Tool Module shall be displayed only if the document status is “Unreleased”
6. The Rerelease Module shall display the pre-unrelease data that will be rereleased into the document . This data is as follows:
   1. Applied Date
   2. Release Date
   3. Signature
   4. Title
   5. Organization Code
7. Upon selection of the rerelease button the application shall reset the database fields that were previously changed by the unrelease module for the document number entered.
8. Upon a successful rerelease, the application shall return a message to the user with the description of the changes that were made to the database fields.
9. Upon failure to rerelease a document, the application shall revert to a secure satte and record the error as well as any changes that were made to the database fields.
10. The application shall contain a module for updating the document description.
11. The Description Tool module shall display the current description .
12. The Description Tool module shall contain a form field for updating the document description
13. Upon selection of the “Update” button, the document description shall be updated in the database with the user entered value.
14. The application shall record the changes made to the Description in an audit table.
15. Upon successful update of the description field, the application shall display a message to the user that contains the update information
16. Upon failure to update, the application shall revert to a secure state and display an error message to the user.
17. The application shall provide a tool for updating the documents creator
18. The Creator Reassignment module shall display the original creator data.
19. The Creator Reassignment module shall contain a select box from which the user can select an active creator.
20. The creator list shall be populated via database query so as to maintain current data
21. Upon selection of the Update button, the creator shall be updated in the database.
22. Upon successful update of the creator in the database, the application shall display a message to the user with the changes that were made.
23. Upon failure of the creator update, the application will revert to a secure state, and display a message to the user.
24. The application shall document any errors.
25. The application shall record any changes made to the creator within an audit table in the database.
26. The application shall provide a module for Signature Reassignment.
27. The Signature Reassignment module shall display the current signature.
28. The Signature Reassignment module shall contain a selector in which the user can select a valid Signer from a list provided via database query.
29. Upon selection of the update button, the application shall update the signature field in the database.
30. Upon successful update of the signature field, the application shall display a message to the user that contains both the original and updated information.
31. The application shall document any updates to the signature table within an audit table in the database.
32. Upon failure to update the database, the application shall revert to a secure state and display an error message to the user
33. The application shall document any such errors.