STATEMENT OF WORK

Requisition #: 333413

Title: AW-02E Pump and Jumper Replacement Project Equipment Fabrication

Revision Number: 0

Date: 11/7/2019

1.0 Objective

Provide fabrication and equipment testing services for the equipment required to support the removal and replacement of the AW-02E pump and jumper system.

2.0 Background/Introduction

The legacy pump and jumpers in AW-02E require replacement to support TOC mission activities. The equipment detailed below will be used to support the removal and replacement of the old equipment. Equipment quality levels will vary from General Service QL-3 to Safety Significant QL-2.

The scope of this project is divided into 11 (eleven) tasks, select hold points apply to specific tasks as shown. The proposal shall include pricing for the core tasks; tasks listed as “OPTION” will be priced when invoked by the BUYER per contract requirements.

Task 1 – Jumper Fabrication
Task 2 – Valve Gear Operator Fabrication
Task 3 – AW-02E Cover Plate Fabrication
Task 4 – Concrete Disposal Box Fabrication
Task 5 – Beta Shielding Deployment System Gen II Fabrication
Task 6 – Work Platform Fabrication
Task 7 – Spray Ring Fabrication
Task 8 – Pump Rotation Tool
Task 9 – Riser Go/No-Go Gauge
Task 10 – Pump Removal Mock-up Exercise
Task 11 – Hoses
Task 12 – Top Hat Lids with Plastic Stuff
Task 13 – Dosimetry Tree System

Attachments:
Attachment A – Jumper Assembly and Jig Requirements, Rev. B
Attachment B – Beta Shielding Deployment System Testing
Attachment C – Spray Ring Testing
Attachment D – Pump Removal Mock-up Exercise
Attachment E – Delivery Dates

Details of the individual fabrication tasks are detailed below.

3.0 Scope

3.1 Task 1 – Jumper Fabrication
Fabricate and test the jumper assemblies listed below to the applicable drawings, RPP-14541 Rev. 8, Jumper Fabrication and Testing Specification for Tank Farms and Attachment A. This fabrication is Safety Significant, Quality Level 2. A detailed Fabrication Inspection and Test (FIT) Plan (Traveler) shall be prepared and submitted for approval, specific witness/hold points will be provided for inclusion into the traveler. The vendor shall provide 48 hours notice prior to the start of these activities. Travelers should be created for each jumper assembly. PUREX connector parts listed as Government Furnished Equipment (GFE) may be shipped either assembled or as loose parts for assembly by the fabricator.

Legible scans of all GFE Green Tags (including Transfer Accept Tags) shall be included in the final travelers. The fabricator is responsible for supplying and welding the rotation stops to the connector block per H-2-32430 (where required), safety wire per RPP-14541 Appendix B and spring pins.

3.1.1 JUMPER ASSEMBLY AW02E-WT-J-(G)-(H)-PUMP-TKR

Quality Level: SS, QL-2
Quantity: 1
Drawing/Item: H-14-111853-010, Rev. 0
QA Clauses:

- B01 – QA Program Submittal and Pre-Award Survey
- B04 – Supplier Quality Program Evaluation
- B13 – Fabrication/Inspection/Test Plan (Traveler)
- B25 – Certified Weld Inspector (CWI)
- B28 – Welding Procedures and Qualifications
- B31 – Nondestructive Examination Process
- B46 – Liquid Penetrant Material Certification
- B49 – Certified Material Test Reports
- B52 – Inspection and Test Reports
- B76 – Procurement of potentially Suspect or Counterfeit Items
- B79 – Certificate of Conformance

Items that are SS, QL-2 (balance are GS, QL-3): 6, 9, 10, 14, 17, 18, 19, 20, 25, 26, 27, 31, 39 & Filler Material (primary piping).
Items that are GFE: 6, 14, 18 & 25. All other material supplied by fabricator.

3.1.2 JUMPER ASSEMBLY AW02E-WT-J-D-H

Quality Level: SS, QL-2
Quantity: 1
Drawing/Item: H-14-111854-010, Rev. 0
QA Clauses:

- B01 – QA Program Submittal and Pre-Award Survey
- B04 – Supplier Quality Program Evaluation
- B13 – Fabrication/Inspection/Test Plan (Traveler)
- B25 – Certified Weld Inspector (CWI)
- B28 – Welding Procedures and Qualifications
- B31 – Nondestructive Examination Process
- B46 – Liquid Penetrant Material Certification
- B49 – Certified Material Test Reports
- B52 – Inspection and Test Reports
- B76 – Procurement of potentially Suspect or Counterfeit Items
- B79 – Certificate of Conformance
Items that are SS, QL-2 (balance are GS, QL-3): 6, 8, 9, 10, 18, 19, 20 & Filler Material (primary piping).
Items that are GFE: 6, 8 & 18. All other material supplied by fabricator.

3.2 Task 2 – Valve Gear Operator Fabrication

Fabricate the assemblies listed below to the applicable drawings. This fabrication is Safety Significant, Quality Level 2. A detailed Fabrication Inspection and Test (FIT) Plan (Traveler) shall be prepared and submitted for approval, specific witness/hold points will be provided for inclusion into the traveler. The vendor shall provide 48 hours notice prior to the start of these activities. A traveler may be created for each operator assembly or combined together.

Legible scans of all GFE Green Tags (including Transfer Accept Tags) shall be included in the final traveler.

3.2.1 INSTALLATION 2-WAY VALVE 5KE GEAR OPERATOR

Quality Level: SS, QL-2
Quantity: 2
Drawing/Item: H-14-110327-010, Rev. 5, Includes Item 9, Excludes Items 4, 5 & 45
QA Clauses:  B01 – QA Program Submittal and Pre-Award Survey
                        B04 – Supplier Quality Program Evaluation
                        B13 – Fabrication/Inspection/Test Plan (Traveler)
                        B25 – Certified Weld Inspector (CWI)
                        B28 – Welding Procedures and Qualifications
                        B49 – Certified Material Test Reports
                        B52 – Inspection and Test Reports
                        B76 – Procurement of potentially Suspect or Counterfeit Items
                        B79 – Certificate of Conformance

Items that are SS, QL-2 (balance are GS, QL-3): 13, 19, 20, 29, 30, 31, 35 & Filler Material (welding to SS components).
Items that are GFE: 31. All other material supplied by fabricator.

3.2.2 INSTALLATION 3-WAY VALVE 5KE GEAR OPERATOR

Quality Level: SS, QL-2
Quantity: 1
Drawing/Item: H-14-110327-020, Rev. 5; Includes Item 9, Excludes Items 4, 5 & 45
QA Clauses:  B01 – QA Program Submittal and Pre-Award Survey
                        B04 – Supplier Quality Program Evaluation
                        B13 – Fabrication/Inspection/Test Plan (Traveler)
                        B25 – Certified Weld Inspector (CWI)
                        B28 – Welding Procedures and Qualifications
                        B49 – Certified Material Test Reports
                        B52 – Inspection and Test Reports
                        B76 – Procurement of potentially Suspect or Counterfeit Items
                        B79 – Certificate of Conformance

Items that are SS, QL-2 (balance are GS, QL-3): 13, 19, 21, 29, 30, 31, 35 & Filler Material (welding to SS components).
Items that are GFE: 31. All other material supplied by fabricator.
HOLD POINT
There is a hold point on the portion of fabrication shown below, additional components are being added. Costs for these new components shall not be included in the proposal at this time. Final dimension A will be provided with the release of this hold point, however for the bidding of Task 2, DIM A shall be 125 in.

3.3 Task 3 – AW-02E COVER PLATE FABRICATION

Fabricate the AW-02E Cover Plate per drawing H-14-111859. This fabrication is General Service, Quality Level 3. A detailed Fabrication Inspection and Test (FIT) Plan (Traveler) shall be prepared and submitted for approval.

Quality Level: GS, QL-3
Quantity: 1
Drawing/Item: H-14-111859-010, Rev. 0
QA Clauses:
   B13 – Fabrication/Inspection/Test Plan (Traveler)
   B25 – Certified Weld Inspector (CWI)
   B28 – Welding Procedures and Qualifications
   B31 – Nondestructive Examination Process
   B52 – Inspection and Test Reports
   B76 – Procurement of potentially Suspect or Counterfeit Items
   B79 – Certificate of Conformance

Additionally, a 5” 150# Blind Flange shall be included and installed (with bolts) on to Item 30 after final weight and assembly prior to shipping.

All material supplied by fabricator.

Fabricator shall be responsible to deliver on site.
3.4 Task 4 – CONCRETE DISPOSAL BOX FABRICATION

Fabricate the assembly listed below to the applicable specification. This fabrication is General Service, Quality Level 3. A detailed Fabrication Inspection and Test (FIT) Plan (Traveler) shall be prepared and submitted for approval. Several concrete disposal boxes have been fabricated to revision 0 of the specification; updates to the specification include a mono-cast box design and increased load capacities.

Quality Level: GS, QL-3
Quantity: 1
Drawing/Item: RPP-SPEC-61352, Rev.1

QA Clauses:
B13 – Fabrication/Inspection/Test Plan (Traveler)
B25 – Certified Weld Inspector (CWI)
B28 – Welding Procedures and Qualifications
B31 – Nondestructive Examination Process
B49 – Certified Material Test Reports
B52 – Inspection and Test Reports
B76 – Procurement of potentially Suspect or Counterfeit Items
B79 – Certificate of Conformance
B85 – Packaging/Shipping Procedures

All material supplied by fabricator. A steel form was previously constructed for the boxes produced from RPP-SPEC-61352, Rev. 0, this form is available upon request. Form modifications required to support fabrication are the responsibility of the fabricator. Relocation of the form will be paid for by the Buyer.

Fabricator shall be responsible to deliver box on site.

3.5 OPTION - Task 5 – BETA SHIELDING DEPLOYMENT SYSTEM GEN II FABRICATION

Fabricate the assembly listed below to the applicable drawing. This fabrication is General Service, Quality Level 3. A detailed Fabrication Inspection and Test (FIT) Plan (Traveler) shall be prepared and submitted for approval. The system shall be tested per the requirements of Attachment B. The fabricator will be required to disassemble SK-T1P142-ED and install SK-IMA11-BSD, any material or simple modifications to accommodate the assembly will be the responsibility of the fabricator.

Quality Level: GS, QL-3
Quantity: 1
Drawing/Item: SK-IMA11-BSD, Rev. A

QA Clauses:
B13 – Fabrication/Inspection/Test Plan (Traveler)
B25 – Certified Weld Inspector (CWI)
B28 – Welding Procedures and Qualifications
B52 – Inspection and Test Reports
B79 – Certificate of Conformance

Items that are GFE: SK-T1P142-ED, Item 1. All other material supplied by fabricator. A dummy-pump assembly will be provided to assist with the requirements of Attachment B.
3.6 Task 6 – WORK PLATFORM FABRICATION

Fabricate the assembly listed below to the applicable drawing. This fabrication is General Service, Quality Level 3. A detailed Fabrication Inspection and Test (FIT) Plan (Traveler) shall be prepared and submitted for approval.

Quality Level: GS, QL-3
Quantity: 1
Drawing/Item: SK-IMA11-WP, Rev. A
QA Clauses:  
- B13 – Fabrication/Inspection/Test Plan (Traveler)
- B25 – Certified Weld Inspector (CWI)
- B28 – Welding Procedures and Qualifications
- B52 – Inspection and Test Reports
- B79 – Certificate of Conformance

All material supplied by fabricator.

Fabricator shall be responsible to deliver on site.

3.7 OPTION - Task 7 – SPRAY RING FABRICATION

Fabricate the assembly listed below to the applicable drawing. This fabrication is General Service, Quality Level 3. A detailed Fabrication Inspection and Test (FIT) Plan (Traveler) shall be prepared and submitted for approval. The system shall be tested per the requirements of Attachment C. Note the fabrication of a spray ring rotation tool, Item TBD on SK-IMA11-SP.

Quality Level: GS, QL-3
Quantity: 1
Drawing/Item: SK-IMA11-SP, Rev. A
QA Clauses:  
- B13 – Fabrication/Inspection/Test Plan (Traveler)
- B25 – Certified Weld Inspector (CWI)
- B28 – Welding Procedures and Qualifications
- B52 – Inspection and Test Reports
- B79 – Certificate of Conformance

Items that are GFE: The pressure source to test the spray ring, see Task 11. Dummy rise flange with dowel pins. All other material supplied by fabricator.

3.8 OPTION - Task 8 – PUMP ROTATION TOOL FABRICATION

Fabricate the assembly listed below to the applicable drawing. This fabrication is General Service, Quality Level 3. A detailed Fabrication Inspection and Test (FIT) Plan (Traveler) shall be prepared and submitted for approval.

Quality Level: GS, QL-3
Quantity: 1
Drawing/Item: SK-T1P159-PRT, Rev. 2A
QA Clauses:  
- B13 – Fabrication/Inspection/Test Plan (Traveler)
- B25 – Certified Weld Inspector (CWI)
- B28 – Welding Procedures and Qualifications
- B79 – Certificate of Conformance

All material supplied by fabricator.
3.9  **OPTION - Task 9 – RISER GO/NO-GO GAUGE FABRICATION**

Fabricate the assembly listed below to the applicable drawing. This fabrication is General Service, Quality Level 3. A detailed Fabrication Inspection and Test (FIT) Plan (Traveler) shall be prepared and submitted for approval.

Quality Level: GS, QL-3
Quantity: 1
Drawing/Item: SK-IMA11-RG, Rev. A
QA Clauses:  
   - B13 – Fabrication/Inspection/Test Plan (Traveler)
   - B25 – Certified Weld Inspector (CWI)
   - B28 – Welding Procedures and Qualifications
   - B79 – Certificate of Conformance

All material supplied by fabricator.

3.10  **Task 10 – PUMP REMOVAL MOCK-UP EXERCISE**

The fabricator shall support and facilitate a mockup exercise that mimics a pump removal from a waste tank. Attachment D contains the requirements for completing this task.

3.11  **OPTION - Task 11 – HOSES FABRICATION**

Fabricate the assembly listed below to the applicable drawing. This fabrication is General Service, Quality Level 3. A detailed Fabrication Inspection and Test (FIT) Plan (Traveler) shall be prepared and submitted for approval.

Quality Level: GS, QL-3
Quantity: 1
Drawing/Item: SK-IMA11-HA, Rev. A
QA Clauses:  
   - B13 – Fabrication/Inspection/Test Plan (Traveler)
   - B25 – Certified Weld Inspector (CWI)
   - B28 – Welding Procedures and Qualifications
   - B79 – Certificate of Conformance

All material supplied by fabricator.

3.12  **OPTION - Task 12 – TOP HAT LID FABRICATION**

Fabricate the assembly listed below to the applicable drawing. This fabrication is General Service, Quality Level 3. A detailed Fabrication Inspection and Test (FIT) Plan (Traveler) shall be prepared and submitted for approval.

Quality Level: GS, QL-3
Quantity: 1
Drawing/Item: SK-IMA11-THL, Rev. A
QA Clauses:  
   - B13 – Fabrication/Inspection/Test Plan (Traveler)
   - B25 – Certified Weld Inspector (CWI)
   - B28 – Welding Procedures and Qualifications
   - B79 – Certificate of Conformance

All material supplied by fabricator.
3.13 OPTION - Task 13 – DOSIMETRY TREE SYSTEM FABRICATION

Fabricate the assembly listed below to the applicable drawing. This fabrication is General Service, Quality Level 3. A detailed Fabrication Inspection and Test (FIT) Plan (Traveler) shall be prepared and submitted for approval.

Quality Level: GS, QL-3
Quantity: 1
Drawing/Item: SK-IMA11-DTS, Rev. A
QA Clauses:  
  B13 – Fabrication/Inspection/Test Plan (Traveler)
  B25 – Certified Weld Inspector (CWI)
  B28 – Welding Procedures and Qualifications
  B79 – Certificate of Conformance

All material supplied by fabricator.

3.14 Additional Requirements

If a drawing or sketch has not been provided (not applicable to non-exercised Options), it is the fabricator's responsibility to identify and request a copy. Once the contract has been awarded the fabricator cannot request additional funding for design media not identified or requested during the proposal period.

As permitted within the fabricator's Redline Procedure, minor redlines that do not invoke additional costs or significant schedule impacts may be executed directly with TOC Engineering and fabricator. RFIs are not required for these minor changes.

Generation of parts from Cut to CAD or See CAD Files are the responsibility of the fabricator. Interfaces and fit-ups shall be understood and accounted for when producing these parts.

- The fabricator shall approach fabrications by understanding the assemblies and functions of the equipment, each individual working on the fabrication should understand how the components interface with adjoining components that they are working on.

The Buyer (or delegate) shall have shop access to walk-down equipment upon request to monitor progress and ensure proper assembly.

4.0 Submittals

In support of the work scope established in Section 3.0 above, submittals are listed on the Master Submittal Register (MSR).

Submittals shall be provided using the TOC Incoming Letter of Transmittal form provided by the Procurement Specialist. All transmittal subject headings shall contain, at a minimum, the subcontract number, submittal number, and submittal description.

Submittals shall be provided in electronic format unless available only as a hard copy. Electronic submittals shall be sent in accordance with instructions provided by the Procurement Specialist. Electronic formats must be non-password protected in one of the formats noted on the Procurement Website located at the following web address:

http://www.hanford.gov/tocpmm/files.cfm/APPROVED_ELECTRONIC_RECORD_FOR_MATS.pdf
5.0 Acceptance Criteria

Subcontract work products and services shall meet applicable standards as referenced in 6.2 below. All deliverable documentation shall be complete, accurate, legible, and reproducible. Before delivery, design media and documents shall be reviewed by qualified Subcontractor personnel for technical adequacy and appropriate content. The Subcontractor shall attest, in writing, to the accuracy and completeness of the information contained in the final deliverables.

All equipment fabricated shall comply with the applicable design media and applicable fabrication specifications. All Non-conformance reports shall be dispositioned and accepted by TOC prior to the delivery of the equipment. Attachment E contains the delivery dates for each task.

6.0 Configuration Management and Standards

6.1 Configuration Management Requirements

Design Analysis documentation shall include (1) through (6) below: (1) definition of the objective of the analysis; (2) definition of analysis inputs and their sources; (3) results of literature searches or other applicable background data; (4) identification of assumptions and indication of those that must be verified as the design proceeds; (5) identification of any computer calculation including computer type, computer program (e.g., name), revision identification, inputs, outputs, evidence of or reference to computer program verification and the bases (or reference thereto) supporting application of the computer program to the specific physical problem; (6) review and approval.

6.2 Applicable Standards

See applicable Codes and Standards within Task 4, RPP-SPEC-61352.

7.0 ESH&Q Requirements

7.1 Quality Assurance Requirements

The Contractor shall have a documented and implemented Quality Assurance Program. The Contractor’s program shall be submitted for review/approval against the requirements identified on site form A-6006-661 Quality Assurance Requirements dated 11/5/19.

7.1.1 Supplier Quality Assurance Program

The Subcontractor's Quality Assurance Program shall be subject to review at all times, including prior to award.

7.1.2 Supplier Quality Assurance Program Changes

The Subcontractor shall, during the performance of this subcontract, submit proposed changes to their approved quality assurance program to the WRPS Buyer for review and concurrence prior to implementation.

7.1.3 Quality Assurance Oversight

WRPS personnel will co-ordinate with the supplier to conduct scheduled and periodic oversight of activities or products associated with this scope of work.
7.1.4 Quality Assurance Requirements for Analytical Laboratory Services

Reserved.

7.2 Price-Anderson Amendments Act Requirements

The Subcontractor shall comply with Article 2.11 entitled, Price-Anderson Amendments Act (PAAA), contained in the General Provisions and shall have a process in place to ensure that noncompliance documentation that affects work performed for WRPS, is submitted to WRPSPAAA@RL.Gov. The subcontract/PO number must always accompany the material being provided.

Subcontractor personnel shall be trained to the nuclear safety rules consistent with their specific position and assigned work.

7.3 Special ESH&Q Requirements

Access to the Hanford Site is required for delivery of items only.

8.0 Verification/Hold Points

As part of the subcontract submittal process and unless otherwise specified, TOC will review Subcontractor prepared documents and designate all required TOC review, inspection, witness, and notification points.

9.0 Reserved

10.0 Work Location/Potential Access Requirements

Access will be required for 218-A & 2101-HV (marshalling yard) to deliver large items.

11.0 Training

Not Applicable.

12.0 Qualifications

- The fabricator shall be an experienced SolidWorks user; the development of shop drawings derived from models will be the responsibility of the fabricator. SolidWorks shall be used as the primary platform for working with provided models.

- The fabricator shall have a minimum of 20 years of experience with the design, fabrication and testing of unique prototype equipment, this experience shall detail problem solving ability and comprehensive understanding of manufacturing techniques. The fabricator shall provide resume(s) with the proposal. This/these experienced individual(s) shall support the fabrication throughout the duration of the contract and be included within the proposed costs.

- The fabricator shall have a minimum of 5 years experience with fabricating remotely installed rigid jumper assemblies with PUREX connectors that have been installed and used successfully within the Hanford waste tanks.
13.0 Special Requirements

Use of Government Vehicles

There is no anticipated need for any Subcontractor employees to use a Government-furnished vehicle in the performance of this statement of work. The Subcontractor’s employees, therefore, are specifically prohibited from driving any Government-furnished vehicles under the performance of this statement of work unless this statement of work is formally so modified by the parties and the employee(s) will present a valid driver’s license to the BTR for review.

Government Property

Pursuant to the Subcontract Special Provision 12 (SP-12) – Management of Government Property, the following Government-owned property will be furnished to the Subcontractor. The Subcontractor will be responsible for managing the Government-Furnished Property (GFP) below and/or Contractor-Acquired Property (CAP) as required in the Subcontract Special Provision, (SP-12) and in accordance with its Property Management program.

<table>
<thead>
<tr>
<th>Government Furnished Property/Material Description</th>
<th>Quantity</th>
<th>Unit Of Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>3” Vertical Connector Assembly Item 2, Gasket Type 1; H-2-32430-020</td>
<td>3</td>
<td>EA</td>
</tr>
<tr>
<td>3” Horizontal Connector Assembly Item 1, Gasket Type 1; H-2-32430-010</td>
<td>1</td>
<td>EA</td>
</tr>
<tr>
<td>3” Male Nozzle, Item 2; H-2-90186</td>
<td>2</td>
<td>EA</td>
</tr>
<tr>
<td>3” 2-Way Ball Valve, PBM C-SPH-K5B-S -G02--K283</td>
<td>2</td>
<td>EA</td>
</tr>
<tr>
<td>3” 3-Way Ball Valve, PBM C-MPH-K4B-S05G02- -K285</td>
<td>1</td>
<td>EA</td>
</tr>
<tr>
<td>U-Joint, 2” OD, Solid Hub 304 or 316 SST; SM652 or SS652</td>
<td>4</td>
<td>EA</td>
</tr>
<tr>
<td>Jig Nozzle – 3”</td>
<td>4</td>
<td>EA</td>
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<tr>
<td>Kick Plate</td>
<td>4</td>
<td>EA</td>
</tr>
<tr>
<td>Jig-Use Gasket</td>
<td>4</td>
<td>EA</td>
</tr>
<tr>
<td>Jig-Use PUREX connector Assembly – 3” Vertical</td>
<td>3</td>
<td>EA</td>
</tr>
<tr>
<td>Jig-Use PUREX connector Assembly – 3” Horizontal</td>
<td>1</td>
<td>EA</td>
</tr>
<tr>
<td>Mock-up Vertical Turbine Pump (Approximately 23-feet of 4-inch column length and 4-feet of discharge head/motor above the base plate).</td>
<td>1</td>
<td>EA</td>
</tr>
<tr>
<td>Encapsulation Device (lower section), provided for Task 6</td>
<td>1</td>
<td>EA</td>
</tr>
<tr>
<td>PVC Vent and fasteners</td>
<td>1</td>
<td>Assy</td>
</tr>
<tr>
<td>Sleeving</td>
<td>AR</td>
<td>feet</td>
</tr>
<tr>
<td>Top Hat Assembly</td>
<td>1</td>
<td>EA</td>
</tr>
<tr>
<td>Harness/Midpoint rigging</td>
<td>1</td>
<td>EA</td>
</tr>
<tr>
<td>NLB Integrated Pressure Washer System (IPWS) 40 GPM @ 3,000 psig pressure washer. To include hoses.</td>
<td>1</td>
<td>EA</td>
</tr>
</tbody>
</table>

14.0 Reporting/Administration

The Subcontractor shall submit to TOC for approval a Subcontract Schedule. This approved Subcontract Schedule will become the Project Baseline Schedule. No progress payments will be made until the Subcontractor’s Schedule has been accepted by TOC. The schedule shall contain sufficient detail to identify critical schedule activities, TOC interface, submittals required, inspection points, deliverables, long lead procurement items and any other information pertinent to the performance of this Subcontract.

The Subcontract Schedule shall include the following information for each activity:
<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>Activity ID</td>
</tr>
<tr>
<td>2.</td>
<td>Activity Description</td>
</tr>
<tr>
<td>3.</td>
<td>Durations (Original and Remaining)</td>
</tr>
<tr>
<td>4.</td>
<td>Percent Complete</td>
</tr>
<tr>
<td>5.</td>
<td>Start and Finish Dates</td>
</tr>
<tr>
<td>6.</td>
<td>Budgeted Cost (BCWS)</td>
</tr>
<tr>
<td>7.</td>
<td>Earned Value Cost (BCWP)</td>
</tr>
</tbody>
</table>

The Subcontractor shall promptly inform TOC of any proposed change in the schedule and shall furnish TOC with a revised schedule within seven (7) calendar days after approval by TOC of such change.

The schedule shall be kept up-to-date, taking into account the actual work progress and shall be revised as required.

The Subcontractor shall provide a weekly progress report via email.

### 15.0 Workplace Substance Abuse Program Requirements

A Workplace Substance Abuse Program is not required for this SOW