

PART 1 GENERAL

1.01 WORK INCLUDED

1. The contractor shall furnish all labor, materials, tools, supervision and equipment and perform all operations necessary to accomplish work in place, specified herein, or as needed to upgrade the 823rd RED HORSE weight scale system. The work shall be fully complete in accordance with the Contract Documents and Design Build requirements. The project is located on Hurlburt Field, FL in the 823rd RED HORSE compound by Bldg. 91142.

1.02 WORK DESCRIPTION

1. The work to be performed includes, but is not limited to, the following:
 - a. Demolish and remove the existing inoperable pit scale system in its entirety, including all associated components, and legally dispose of all construction debris off-site.
 - b. Demolish and remove seven (7) linear feet of the existing scale foundation nearest the scale house to facilitate the relocation of the new scale.
 - c. Backfill the existing 2' Wide x 4' Deep trench parallel to the scale with compacted fill and cap with 12" structural concrete.
 - d. Scale System Characteristics
 - i. The Contractor shall procure and install a complete above-ground, heavy-duty truck scale system (Centurion steel-deck or equivalent) meeting these specifications:

<u>Feature</u>	<u>Specification</u>
Dimensions	70' L x 14' W
Configuration	3 multi-platform setup with 4 modules (10-20-40)
Capacity	100,000 lb rating
Decking	Concentrated Load Capacity (CLC) 3/8" tread deck
Load Cells	CPD-M 77K stainless digital load cells (standard placement)
Primary Indicator	DD1050i digital indicator (required for multi-platform operation)
Interface	DD1010 SKYNET secondary analog scale interface
Printer	TM-U295 (15-3/4")
Safety	Single-pipe sight rail, 8" height, safety yellow
Mounting	Above-ground installation (required for stormwater management)

- e. The Contractor shall complete the following foundation and assembly requirements:

<u>Task Area</u>	<u>Requirement Description</u>
Foundation	Relocate the new scale foundation 7 feet away from the scale house footprint. Incorporate the remaining section of the existing foundation into the new structure.
Approaches Ramps	Pour 10' flat, level concrete approaches on both ends of the scale. Construct 30' ramps on both ends of the scale to accommodate the above-ground elevation.
Equipment	Provide all heavy machinery, including crane support and rigging equipment, necessary for platform assembly and system installation.
Electronics	Install, terminate, and calibrate all electronic components including indicators, load cells, and printers to ensure full system functionality and multi-platform accuracy.

- f. Develop and implement a site-specific Traffic Control Plan to manage the safe movement of vehicles and personnel around the work zone, ensuring minimal disruption to facility operations throughout the project duration
- g. Contractor shall coordinate all work with Contracting Officer, 1 SOCES, and 1SOSFS before conducting any work.

1.03 CONTRACTOR USE OF SITE AND PREMISES

1. The construction site shall be kept neat and orderly at all times. The contractor shall remove debris from the site on a daily basis.

1.04 DISPOSAL

1. All demolition materials and debris shall be loaded onto trucks immediately for removal from site as required. It shall be the responsibility of the contractor to provide the trucks and for the selection of the dumpsite. Provide Contracting Officer with name of approved dumpsite, if requested.

1.05 STORAGE AREA

1. Storage area or areas will be coordinated at the Pre-Construction conference.
2. The Contractor is solely responsible for the security of materials located within the storage area.

1.06 SAFETY

1. The pertinent sections of the following publications are applicable to all work on this project.
 - A. U.S. Army Corps of Engineers: EM 385-1-1, Safety and Health Requirements Manual.
 - B. Air Force Instruction (AFI) 91-301.
2. The Contractor shall safety barricade as necessary all excavations and hazards.

1.07 HAUL ROUTE

1. The Contractor shall utilize the most direct route to the construction site. The haul route will be discussed at the pre-construction conference.

1.08 PERMITS

1. AF Form 103, Civil Engineering Work Clearance Request

1.09 PHASING AND TRAFFIC CONTROL

1. The Contractor shall work continuously and sequentially on this project.
2. The Contractor will submit a proposed project schedule for approval within 5 calendar days of the Notice to Proceed.

PART 2 PRODUCTS

2.01 ACCEPTABLE MATERIALS

1. Contractor shall provide specifications for guidance in selecting appropriate materials to accomplish the work.

2.02 ALTERNATIVE MATERIALS

1. If Contractor suggests the use of a specific material, which the Government might consider to lessen the cost or increase the utility or appearance, the contractor may submit that material listed as a substitution for the Government to evaluate.

PART 3 EXECUTION

3.01 INSPECTION

1. The contractor shall make a representative available to the Government on site to answer questions, which may arise.
2. The Government representatives will be allowed free access to the site in its entirety.

3.02 HOURS OF WORK

1. The normal hours of a workday shall be between 8:00 A.M. and 4:00 P.M., Monday through Friday, excluding military family days and holidays. The contractor may choose, at their option, to work hours other than normal duty hours if approved by the Contracting Officer and 1 SOCES. All work times, other than normal working days, shall be requested in writing, 5 days in advance.

3.03 PHOTOGRAPHS

1. It is not required but it is recommended to take photographs before and after work is accomplished.

3.04 QUALITY CONTROL

1. The contractor shall establish and maintain quality control to assure compliance with Contract Documents, and provide records of his quality control for materials, equipment and construction operations.
2. The Contractor is solely responsible for quality control on this project. A quality control representative will be appointed by the Contractor and will be on-site daily to assure the work accomplished meets the specifications.

3.05 AS-BUILT DRAWINGS

1. Prior to final inspection the contractor shall:
 - A. Submit original record drawings to Contracting Officer. Contractor is advised to have a reproduced copy of the original record drawings made for their records.
 - B. Obtain Disc copies of the contract drawings in AUTOCAD 2024 format. Correct drawing files (sheets) to reflect all as-built conditions based on the changes made as per item C. above. Add the words "AS BUILT" to the revision block of each sheet title block, the date the drawings were changed and the initials of the person making the change.
 - C. Submit one set of full-size prints of the corrected contract drawing files to allow Base Civil engineer to verify accuracy of the corrected drawings against the record documents.
 - D. Upon review and approval of the corrected contract drawing files, provide disc copies to the government for their records.

END OF STATEMENT OF WORK