CAPE CANAVERAL SPACE FORCE STATION (CCSFS)

Demolition Indefinite Delivery/Indefinite Quantity (IDIQ)

Statement of Work

For

CCSFS, Patrick Space Force Base (PSFB) and Annexes

15 JULY 2026

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1. OVERVIEW

1.1 SCOPE OF WORK

1.1.1 The Scope of Work to be performed under this project is located at Cape Canaveral Space Force Station (CCSFS), Patrick Space Force Base (PSFB) and various facilities operated by Space Launch Delta (SLD) 45 in other parts of Brevard County and Martin County, Florida. CCSFS is located at the end of State Road 401, north of Port Canaveral. PSFB is located approximately three miles south of Cocoa Beach on State Road A1A.

1.1.2 The Contractor must provide all planning, including work plans and testing, labor, materials, equipment, design, hazardous materials' abatement, and supervision necessary for the demolition and/or deconstruction of buildings/infrastructure under the existing Demolition Indefinite Delivery/Indefinite Quantity (IDIQ) contract at CCSFS. All work must be done in accordance with the requirements contained in the original contract specifications and any Government provided existing as-built drawings, if available.

1.1.3 The Contractor must make no alterations, additions, or deletions unless approved by the Contracting Officer (CO). The Contractor must thoroughly review the request for constructability and notify the CO of any potential problem areas prior to negotiations.

1.1.4 The Contractor must perform all work in accordance with the contract specifications unless the Contractor receives expressed written permission from the CO for any deviations. The Contractor must, under no circumstances, begin any work on the delivery order (DO) until the Contracting Officer issues the Notice to Proceed (NTP).

1.1.5 The Contractor must demolish foundations/footers five (5) feet below grade or as directed by the Government.

1.1.6 The Contractor must coordinate with 45 Civil Engineering Squadron (CES) Environmental office prior to construction start and ensure all environmental checks are completed prior to demolition beginning.

1.1.7 Where utilities are present, the Contractor must disconnect and cap utilities and communication conduit as recommended by the Government or five (5) feet from building perimeter if not specified.

1.1.8 Where electrical connections are present, the Contractor must remove all electrical connections back to transformer. The Contractor must coordinate outage and remove wires to low voltage side of transformer.

1.1.9 The Contractor must back fill with compactable materials all holes and other depressions resulting from demolition and/or deconstruction of buildings.

1.1.10 The Contractor must leave the site in safe, restored condition, including but not limited to grading and sodding, repair of sidewalks, curbs, and paving, and reinstallation of any facilities or appurtenances which were temporarily removed to facilitate demolition.

1.2 CONTRACT DRAWINGS

1.2.1 The Government will furnish, if available, contract drawings, maps, and specifications either via hard copy or electronic at the Government's discretion.

1.2.2 The Contractor must immediately check furnished drawings and notify the CO of any discrepancies.

1.2.3 The drawings indicate the general location and arrangement of existing conditions. Field measurements may be necessary to determine the size and quantity of materials. Conditions which are obvious/visible or which should be reasonably anticipated by the Contractor on inspection will not be considered under the Differing Site Conditions clause of this contract.

1.2.4 The Contractor must verify dimensions and elevations indicated in the layout of work. The Contractor must refer discrepancies between the drawings, specifications and/or existing conditions to the CO in writing, for review, before the affected work is performed. Failure to make notification must place the responsibility upon the Contractor to carry out the work in a satisfactory and workmanlike manner.

1.3 WORK SCHEDULING

1.3.1 Work Schedules for all on-site activities will be reviewed and approved by the CO prior to start of the project; and all activities coordinated with the CO once work has begun. Due to the critical nature of the work location, the Contractor must complete all work pertaining to this contract without disrupting and formal outage request for minimal disruption to any utility system operation.

1.3.2 The Contractor must allow for non-access days where construction activity is prohibited due to hazardous operations or launch activity. When possible, the Government will provide 24-hour notification each time the restrictions are invoked.

1.3.3 Working hours will normally range between the hours of 7:30 AM and 4:00 PM (0730-1600) excluding Saturdays, Sundays and Federal Holidays. If work must be done during periods other than above, additional Government inspection and Range Support personnel may be required. The Contractor must notify the CO five (5) working days in advance of intention to work during other periods to allow assignment

of additional inspection forces when the CO determines that they are reasonably available. If such support is reasonably available, the CO may authorize work to be performed during periods other than normal duty hours/days. Work beyond normal hours/days may be required for major utility outages. It is the Government's discretion to request copies of contractor inspection records for periods worked on holidays and weekends (RFO 52.246-12 Inspection of Construction).

1.3.4 The Contractor must not work over the Christmas/New Year holiday period. This period will start one (1) full work day before the Federal Christmas holiday and end the first work day after the Federal New Year Holiday. The Contractor may request to work during this time at the discretion of the Contracting Officer, however no base support will be available.

1.3.5 The Contractor must submit a schedule of proposed work to the Contracting Officer using AF Form 3064 for approval. The schedule must show the proposed activities, including locations where work is planned and planned shutdown of equipment. All work sequencing and phasing is subject to the approval of the CO.

1.4 OCCUPANCY OF PREMISES/ACCESS REQUIREMENTS

1.4.1 Building(s) will not be occupied during performance of work under this contract.

1.4.2 Only material and construction equipment designated for performance of contract work may be stored at the construction site or located in Government-controlled warehouses or shop facilities.

1.4.3 The Contractor must park job and support vehicles for workers in designated parking areas within reasonable access to the worksite. All vehicle operators must comply with all traffic laws including mandatory seat belt usage, speed limits and hauling restrictions. Contractor must repair or replace any facility/grounds damaged areas.

1.5 STORAGE, TRANSPORTATION, AND PROTECTION

1.5.1 At Government discretion, the Government Contractor will assign a storage area upon submitting written Storage Area Request to the CO. The Contractor's Storage Area Request must indicate dimensions of trailer, storage area size, and utilities required. The Contractor must provide all trailers in good and safe condition. Storage space is normally co-located with construction site, at the CO’s discretion. Storage areas may require fence and screening as required by Government. The Contractor must secure storage areas during inclement weather situation.

1.5.2 The Contractor must submit a Work Order Management System (WOMS) through CE to request a telephone number and line for their office trailer. Commercial Internet service is available through local Internet service provider at Contractor cost.

1.5.3 Office trailers and long term (longer than one year) storage trailers must be painted to match the base “approved color”, as noted in the base Facilities Sustainment guide. Trailers located on site for short term storage, less than one year, will not need to meet this requirement. In addition, all office trailers and long term storage trailers must be skirted along the entire perimeter with a wood lattice material. This skirting must be painted to match the same trailer color as described above. The Contractor must store and protect all of their materials and equipment, whether incorporated into the job or not.

1.5.4 The Contractor must store and protect products in accordance with manufacturer's instructions. Store products with seals, labels intact and legible. Store sensitive products in weather tight, climate controlled, enclosures in an environment favorable to the product. Products acceptable for exterior storage must be on sloped supports above ground. The Contractor must not use swales, drainage ditches, or any other storm water permitted area to store materials or equipment. If swales, drainage ditches or any other storm water permitted areas must be used for storage, the Contractor must get special permission from the CO.

1.5.5 The Contractor must transport and handle products in accordance with manufacturer's instructions. The Contractor must promptly inspect shipments to ensure the products comply with requirements, quantities are correct, and products are undamaged. The Contractor must protect products subject to deterioration with impervious sheet covering. The Contractor must provide ventilation to prevent condensation and degradation of products. The Contractor must store loose granular materials on solid flat surfaces in a well-drained area. The Contractor must prevent mixing with foreign materials.

1.5.6 The Contractor must submit an Air Force Form 3952 (AF 3952), Chemical/Hazardous Material Request Authorization if hazardous materials & petroleum product will use on site. The Contractor must store Hazardous Materials & petroleum product containers on an impervious surface with containment. The Contractor must segregate Incompatible materials and have separate containment systems. Additional HAZMAT requirements are provided in Section 01 57 19 TEMPORARY ENVIRONMENTAL CONTROLS.

1.5.7 The Contractor must protect structures, utilities, sidewalks, pavements, and other facilities immediately adjacent to excavations must be protected against damage. The Contractor must comply with "RFO 52.236-9, Protection of Existing Vegetation, Structures, Equipment, Utilities, and Improvements" and is required to protect areas adjacent to the construction site.

1.5.8 Should warnings of high winds or lightning be issued, the contractor must take every practical precaution to minimize danger to persons, to the work, and to adjacent property. These precautions must include closing all openings, removing all loose materials, tools, and equipment from exposed locations, and removing or securing scaffolding and other temporary work.

1.6 ON-SITE PERMITS

1.6.1 The Contractor must schedule work to hold outages to a minimum.

1.6.2 The Contractor must arrange utility outages and connection requests required during the execution of work that affect existing systems at the convenience of the Government, which may require scheduling outside of the regular working hours or on weekends, at no additional cost to the Government.

1.6.3 Each utility outage and connection request must state the system involved, area involved, approximate duration of outage, and the nature of work involved.

1.6.4 The Contractor must submit a written request for a utilities outage (electricity, communication, water, compressed air, gas, steam, air conditioning, fire detection and suppression systems, etc.) to the CO at least 14 calendar days in advance of the desired outage. Approval is required prior to scheduling any outage. The Contractor must carefully observe all limitations noted on the approved outage authorization. A utilities outage without prior approval and coordination is prohibited.

1.6.5 The Contractor must provide a fire watch for utility outages affecting fire alarm, fire detection, fire suppression, fire pumps and water supplies to fire protection systems greater than four (4) hours.

1.6.6 Since many systems are critical to facility operations, the Contractor must keep the number and duration of utility outages to an absolute minimum. The Contractor must coordinate all work efforts and must provide sufficient manpower, materials, and equipment to complete the work within the authorized outage window.

1.6.7 Existing utility services may be interrupted only when approved by the CO. The Contractor must schedule the interruption at a time of minimum demand on the utility, convenient to the Government. The Contractor must perform outages on weekends, holidays, or evenings at no additional cost to the Government.

1.6.8 The Contractor must make all necessary arrangements to schedule and provide connections to existing utilities and to cause minimum interruption to system operation. The Contractor must make all temporary utility hook-ups and disconnects.

1.6.9 If the Contractor fails to comply with a scheduled outage, the cost to reschedule the outage will be deducted from the final contract payment.

1.6.10 All construction work requires a Work Clearance Request, AF Form 103. This permit is processed by the Government and provided to the Contractor. It is required prior to the start of any construction at the project site and must be posted in a conspicuous location on site during all construction activities.

1.6.11 The Contractor must obtain (from technical representative), prepare, and properly complete "Base Civil Engineering Work Clearance Request" AF Form 103. Prior to submitting the AF Form 103 for review and approval, the Contractor must mark in white paint all locations requiring utility locates and must obtain a commercial utility locate ticket number by calling SUNSHINE at 1-800-432-4770. Contractor must provide coordination for location of buried structures and utility lines before beginning any work involving digging/excavation. The Contractor must contact the Government Technical Representative to schedule locates prior to any excavation. The Technical representative will be the first and the last to coordinate on the AF Form 103. After excavation permit has been obtained and prior to any excavating, the Contractor must verify with Cape Support (853-5211) that there are no "Critical Days" that would prevent excavation.

1.6.12 The Contractor must temporarily halt any machine excavation work or other surface penetration when approaching within five (5) feet of the existing utility line until the Contractor has exposed the utility line by hand excavation to fix its location.

1.6.13 Burn permits are required for any spark, flame, or welding activity. The Contractor must obtain Burn Permits with technical representative guidance thru the CES Customer Service for all hot work on the project site. The Contractor must post permits at a conspicuous location in the construction area.

1.6.14 Burning of trash or rubbish is not permitted on any USSF facility.

1.7 SALVAGE AND DISPOSAL OF MATERIAL AND EQUIPMENT

1.7.1 The Contractor must remove and/or relocate only those materials or items of equipment specifically indicated in the drawings and specifications. The Contractor must perform removal operations in such a manner that adjacent areas, installed equipment, or existing utilities are not damaged. The Contractor must repair all openings that occur due to removal or demolition operations to match adjacent, existing surfaces. The Contractor must repair any damage incurred during removal operations at no additional cost to the Government.

1.7.2 The Contractor must provide sufficient personnel and equipment to ensure compliance with all housekeeping requirements. The Government will not allow work in those areas that do not comply with the requirements of Section 14.C of EM 385-1-1. The Contractor must keep job sites clean on an ongoing, daily basis. The Contractor must thoroughly clean all areas are prior to leaving the jobsite at completion of project work.

1.7.3 All salvageable materials or items to be removed will remain the property of the Government. Salvageable items are listed below in the paragraph entitled, "Salvage Items". The Contractor must transport salvageable items to and deposit them at the Defense Logistics Agency Office - Disposition Services (DLA) collection point Building 1623, CCSFS at the contractor's expense. The Contractor must coordinate with the CO and DLA Disposition Service Representative for required documentation prior to transportation for disposal.

1.7.4 The Contractor must segregate and separate salvageable material into categories before transport. The Contractor must palletize material or make it moveable by forklift (maximum 10,000 lbs.). For material that is not palletized, the Contractor must provide labor support for material removal.

1.7.5 The Contractor must schedule deliveries to DLA through the CO a minimum of 72 hours in advance. The Contractor must accompany all salvageable items delivered to DLA with a properly prepared DD Form 1348. The CO will furnish this form. The Contractor must furnish a DLA signed copy reflecting the turn in materials to the CO.

1.7.6 The Contractor must maintain property control records for material or equipment designated as salvage. Contractor's system of property control may be used if approved by the CO. The Contractor must store and protect all salvaged materials and equipment until disposition by the CO.

1.7.7 The Contractor must protect material to be salvaged and reinstalled during removal and stored to prevent damage. For reference purposes salvageable is defined as: items, material, equipment which can be refitted, reworked, and restored and put to use or sold. The CO will have sole discretion as to determining whether any particular item is salvageable.

1.7.8 The CO will inspect any additional items to determine whether salvageable or debris. The Contractor must deliver all salvageable materials to the DLA facility within CCSFS at the Contractor's expense. The Contractor must also accompany salvageable material delivery with a properly prepared DD Form 1348.

1.7.9 The Contractor must remove non-salvageable material and debris from work areas and disposed of daily. The Contractor must dispose of C&D at a State approved disposal site. Refer to Section 01 57 19 TEMPORARY ENVIRONMENTAL CONTROLS in the contract specifications for further waste disposal and record keeping requirements.

1.7.10 The Contractor must haul all waste materials, except indicated salvaged items, generated by the construction off U.S. Government property at the end of each work day and deposited at a Contractor selected disposal site. The Contractor must dispose all waste materials in accordance with federal, state, county and city ordinances and at the expense of the Contractor.

1.7.11 Upon completion of the construction each day, the Contractor must leave the work premises in a clean, neat and workmanlike condition, satisfactory to the CO.

1.7.12 The Contractor must maintain and submit quarterly and at the completion of the project the SOLID WASTE DISPOSAL DIVERSION TRACKING form to the CO of all materials removed from the job site. This inventory must include waste materials disposed in landfills and materials reused on the job, sold for salvage and recycled.

1.8 RADIO FREQUENCY MANAGEMENT PROCEDURES

1.8.1 The Contractor must follow the following procedures in obtaining radio frequency authorization:

The Contractor must follow the policy and procedures contained in AFI 17-220 to obtain frequency allocation approval of electronic devices and USAF Radio Frequency Assignment.

1.9 COMMUNICATION SECURITY (COMSEC)

1.9.1 Government telecommunications networks are continually subject to interception by hostile/unfriendly intelligent organizations. Therefore, the DOD has authorized the military departments to conduct COMSEC monitoring and recording of telephone calls from, or terminating at, DOD organizations. The Contractor must assume the responsibility for ensuring frequent dissemination of this information to all employees dealing with official DOD information.

1.10 ACCESS REQUIREMENTS

1.10.1 All on-site project work is confined to non-restricted areas. That is, no restricted area badge must be necessary to accomplish the on-site work. However, normal access requirements into CCSFS must still be accomplished. The on-site project work maybe located within a restricted area. The restricted area requirement must be accomplished in order to access the construction site.

1.10.2 Access to construction sites located in restricted areas requires a Black & Blue Restricted Area Unescorted Badge. The Contractor must satisfy the prerequisites for unescorted entry and/or providing escorted entry to a restricted area for all their personnel and subcontractor personnel. The Government will not provide Escort services. The Contractor must determine the minimum number of personnel needed and obtain the required badges with escort authority in order to meet the contract requirements. Failure to do so could result in denied access to the construction site, interruption of performance and negatively impact timely contract completion. Individuals meeting the 45 SWI 31-1 security requirements will be allowed to acquire restricted area badges. If the Contractor has proper clearance in JPAS, the Contractor must complete an AF Form 2586 "Unescorted Entry Authorization

Certificate" (signed by the CE Security Manage in signature block #2) and transmit it to the Facility Manager of the restricted area for signature. After obtaining signatures, the individual must make an appointment with Visitor Control Center (321-853-5261) to obtain a Restricted Area Badge.

1.10.3 In order for Contractor personnel to enter restricted areas, a Restricted Area Badge (RAB) for the area is required. Those individuals not in possession of a RAB must remain under the surveillance of the escorts at all times while working in the restricted area. Escorts are subject to having their base access privileges revoked if it is found that they are not in visual contact with the employees they are escorting. All Contractor and subcontractor personnel must adhere to the required responsibilities and duties of an escort. 45 SWI 31-1 and Restricted Area Badge Processing Guide outline the requirements and procedures in obtaining a restricted area badge.

1.10.4 Contingent upon the location and nature of the work, a construction site "Free Zone" may be established by the Commander of the restricted area site. If the area is designated as a construction site "Free Zone", only normal access requirements will apply.

1.10.5 The project operations may fall within or require access through an Explosives Clear Zones (ECZ) denoting storage and/or operations involving the potential exposure to explosive items. If this occurs, SLD 45 Weapons Safety (SEW) and Civil Engineering Squadron will assist the Contractor in developing a Deliberate Risk Assessment (RA) to identify, access, develop controls, implement controls, and supervise. Upon acceptance by the contractor and concurrence of CES and SEW, the contractor must comply with the terms of the RA and ensure the controls are implemented. The “PERMIT(S)/ENVIRONMENTAL AND SLD 45 ACTIONS” box on the project plans, cover sheet will denote occurrence of this project requirement.

1.11 CCAFS VEHICLE INSPECTION

1.11.1 The Oversized Vehicle Search Area is located on State Road 401 near the Visitor Control Center. Manned Operating hours are scheduled from 0600-1700. For after-hours access, call CCSFS Security Forces at (321) 853-2121 to coordinate entry. Mandatory inspection is required for all: Commercial Vehicles, Tractor Trailers, Trailers, RVs and Boats. Allow ample time for inspections, especially for the critical delivery period of mixed concrete. The Government will not be responsible for rejected batches, caused by Contractor delays. Advance coordination is highly recommended.

1.12 PSFB VEHICLE INSPECTION

1.12.1 The Oversized Vehicle Search Area is located on State Road A1A approximately 1 mile north of Pineda Causeway. Manned Operating hours are scheduled from 0600-1700. For after-hour’s access, call PSFB Security Forces at (321) 494-2000 to co-ordinate entry. Mandatory inspection is required for all:

Commercial Vehicles, Tractor Trailers, Trailers, RVs and Boats. All other passenger vehicles will be turned away from this gate and are required to enter at either the Main Gate or South Gate. Allow ample time for inspections, especially for the critical delivery period of mixed concrete. The government will not be responsible for rejected batches, caused by Contractor delays. Advance coordination is highly recommended.

1.13 CCSFS DELIVERIES

1.13.1 All deliveries of construction material and equipment to job sites (including cement trucks) must use the CCAFS South Gate for access. To the maximum extent possible, the Contractor must schedule deliveries between 1000 and 1500 hours to avoid the peak traffic volume times. The driver of each delivery vehicle and their passengers must have the following:

a. A valid photo ID; and
b. A valid bill of lading; and
c. A known delivery point on CCAFS; and
d. An on-base or local phone number and POC to vouch for delivery

1.13.2 Only deliveries that can be verified will be allowed to proceed. The Contractor must coordinate special deliveries, deliveries after normal business hours, or deliveries that cannot negotiate through the barricades in advance. Security Forces personnel will inspect all delivery vehicles prior to being allowed to proceed onto the installation.

1.13.3 Deliveries of fuel, large volume of chemicals, or other hazardous materials must comply with this section. All hazardous deliveries must enter through the same gates as non-hazardous delivers and have the information required for non-hazardous deliveries. Only deliveries that can be verified will be allowed to proceed. In addition, the Contractor must schedule hazardous deliveries a minimum of 48 hours in advance for escort by Security Forces to and from job site. Contractors must contact CCSFS Security at 321-853-2121 to arrange for hazardous delivery escorts. Security Forces escorts will turn away deliveries that have not been arranged in advance and must be re-scheduled.

1.14 RESPONSIBILITIES

1.14.1 The Government reserves the right to revoke badging authority, escort authority and/or base access privileges for any person, at any time and for any reason. The Contractor must understand that the Government has made every attempt to identify potential delays associated with background checks and badging requirements and those delays have been considered in the construction schedule. Delays resulting from the Contractor's failure to follow the badging guidelines above must not be considered grounds for contract extension or compensation.

1.15 EXCAVATION

1.15.1 Excavation must be accomplished only after the Dig Permit is received and utility locates accomplished and then with extreme caution to prevent damage to the existing buried utilities in the area. All open trenches must comply with OSHA regulations. All excavation must be further approved by daily contact with Cape Support (321-853-5211).

1.15.2 Accurately locate and stake structures and utility lines indicated by the Government provided Utility Locators on CCSFS. If unidentified underground utilities are encountered during excavation, the Contractor must notify the CO and cease operations until they are properly identified.

1.15.3 The Contractor must open only those trenches for which material is ready to be placed. As soon as approved by the Technical Representative, the Contractor must backfill and tamp trenches as required by the drawings and specifications. As a minimum, the Contractor must replace the topsoil and must grass the disturbed area by seeding, watered and maintained for a minimum of 60 calendar days. The Contractor must comply with all excavation in accordance with OSHA regulations. Mark or barricade construction work which may present a hazard.

1.15.4 The Contractor must repair roads, streets, and paved parking areas which require surface cutting under this project within 10 calendar days after initial cutting. The topping must be a minimum of two (2) inches of asphalt and match existing (concrete topping on asphalt areas is not allowed). The Contractor must mark, barricade, and illuminate construction work on or near roads or streets which may present a traffic hazard per OSHA 29 CFR 1910. The Contractor must provide signaling, lighting, and barricades in the construction area conforming to the Manual on Uniform Traffic Control Devices, OSHA 29 CFR 1926.201 and 1926.202. Closures of Streets, parking lots, and other traffic areas will not be permitted unless approved by the CO after written request 14 calendar days before the scheduled closure.

1.15.5 Excavation at the work site may be accomplished with machinery only after underground utilities have been identified and with approval by the CO. The Contractor must hand dig within five (5) feet of located underground utilities.

1.15.6 The Contractor must secure and safely support all new excavation and trenching work during installation with temporary, but substantial, shoring, bracing, hangers and other supports as required by OSHA regulations. After new work is completed and completely cured (if required) and all permanent fasteners, anchors and supports are properly installed, the Contractor must remove the temporary supports.

1.15.7 The Contractor must place guardrails, fences or other suitable barricades and warning lights at all open excavations/trenches which are adjacent to paths, walkways,

sidewalks, vehicle parking areas, and other pedestrian or vehicle thoroughfares. The Contractor must coordinate with 45 CE Environmental prior to placing warning lights.

1.16 LAND SURVEYING REQUIREMENTS

1.16.1 The project as-built survey submittal is required to be prepared in two separate datums and as separate submittals. The Contractor must prepare and depict The US Space Force record as-built in horizontal WGS1984 and vertically EGM96. The Contractor must prepare and depict federal, state, municipality permit as-built submittal in horizontal Florida State Plane Coordinates, and vertical NAVD 88. A table shall be provided on each survey denoting benchmarks and control points in both datums.

1.16.2 Land surveying, to include all projections and datum points, must be required for all modifications affecting civil site plans (e.g., utilities, additions, new construction or storm water modifications). The survey must be performed by a State of Florida Professional Licensed Surveyor (PLS) and must be submitted by the Contractor in digital and hard copy format.

1.16.3 Record drawings must reflect all civil site developments such as new facility and/or land modifications, external structural changes to aboveground structures, and changes to underground structures and utilities external to facilities located on lands owned by or held in leasehold interest of the federal government. Information in record drawings must include, but not be limited to: location of all new lines, conduits, valves, fittings, fire hydrants, meters, terminal points using at least two ties to permanent points (manholes, power poles, curbs, or storm water inlets), or GPS coordinates with accuracy to 1 foot or better unless more stringent accuracy requirements are specified in other sections of this contract. Locate manhole, catch basin, and storm water control structures noting top of rim, inverts, weirs, dimensions and conduit sizes and material entering the structure. An acceptable station and offset system may be used for service lines and fittings only. Location of new lines from property easement lines or edges of pavement at intervals of 300 feet.

1.16.4 All utility routing and interface changes must be reflected on the drawings to scale and defined with sufficient dimensions. Locate with elevation all improvements constructed or modified including but not limited to pavement, striping, curbs, sidewalks, signs, gutters, walls, fences, buildings, pads, open storm water conveyance systems, storm water retention/detention ponds, etc. Elevation information should be adequate to illustrate flow patterns, retention capacity and overflow levels. Ground contours at intervals of one (1) foot in elevation must be shown on unpaved areas of the site on the sketch of survey.

1.16.5 The Contractor must facilitate the receipt of surveyed coordinates for facility footprint corners coordinates and underground structures and utilities external to facilities by submitting digital data using the spatial reference identified below to 45

CES through the CO within five (5) working days of foundation construction, or open excavation.

1.16.6 The Contractor must draw record drawing prints at a minimum scale of 1 inch = 100 feet. Areas requiring additional detail must be enlarged as necessary. The Contractor must provide record drawings in digital format (AutoCAD Civil 3D, version 2012 or later). Information should be provided in separate layers/levels as specified by GIS/GeoBase Development Manager and in at least the same degree of separation as the design drawings that were provided. Designation for naming of layers/levels must adhere to current DOD, A/E/C CAD Standards with strict adherence to layer format. https://cadbim.usace.army.mil/. New like items must be contained in the same levels to permit easy conversion to ArcGIS layers.

1.16.7 All Civil features contained within the drawing package must be drawn in ArcGIS layers conforming to the most current SDSFIE schema standard. All applicable attribution must be filled in prior to final delivery. Layers must be in shape file, personal geodatabase or file geodatabase. Upon completion of survey, the as-built drawings must be certified by professional licensed surveyor.

1.16.8 All lines, letters, and details shall be sharp, clean, and fully legible.

1.16.9 (Five) reproducible print and one digital copy in an electronic storage media (AutoCAD Civil 3D, version 2012 or later, drawn in ArcGIS layers conforming to the most current SDSFIE schema standard) and PDF of the Contractor Survey Record Drawings are required for submittal.

1.16.10 All surveys must be referenced to WGS1984 17 North UTM (G1674) – 2012 aligned to with ITRF08 (epoch date 2005.0), unless specified otherwise by the GIS/GeoBase Development Manager.

1.16.11 All surveys must be referenced to EGM96, unless specified otherwise by the GIS/GeoBase Development Manager. The survey must include a description of the reference benchmarks from which the EGM96 has been determined.

1.17 HOISTING AND LIFTING

1.17.1 The Contractor must have a Lifting Operation Plan and procedure that is fully in accordance with the requirements of OSHA regulations, and must include drawings/sketches of lifting slings, lifting equipment, and tag lines. The plan must show weights, center of gravity, and clearances of load over entire lift. Plans must have details showing any structural mounting of hoisting equipment on sheaves or structural steel, and must show loading calculations on any such structural mounting showing forces, weights, turning moments, etc. A procedure must accompany the drawings describing all lifting operations. Use spreader bars wherever necessary to prevent hoisting cables from contacting equipment/material.

1.18 QUALITY CONTROL

1.18.1 The Contractor must provide, inspect and document the level of quality that has been established by all applicable standards, codes and guidelines. The Contractor must use skilled workers, an adequate number of which are thoroughly trained and have a minimum of three (3) years' experience in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for the proper performance of the work in each section of these specifications. The Contractor must submit Superintendent Contact and Qualifications to the CO.

1.18.2 The Contractor or their subcontractors must be licensed by the State of Florida or have an equivalent out-of-state license in all areas applicable to this contract or as otherwise stated elsewhere in this contract. The Contractor must provide copies of licenses and certificates to the CO. Asbestos Abatement Contractor must be licensed by the State of Florida.

1.18.3 The Quality Control Manager must direct the execution of the Contractor's approved Quality Control Plan with exclusive responsibility for administration of the plan and inspections of work. The Quality Control Manager must be available during normal duty within 30 minutes after notification to meet with the CO, or designated representative. The Quality Control Manager must be a different individual than the project superintendent.

1.18.4 When the Contractor considers that the work is acceptable to the Government and is complete, the Contractor must inform the CO, or designated representative, and the Government Project Manager that the work is complete and ready for inspection. In the event that the work is not acceptable, the Contractor must record a list of items noted by the Government Project Manager. A subsequent inspection may take place in order to review the corrected items. The Government is not required to inspect all work.

1.18.5 The Contractor must keep inspection files for all projects. Files must include on site records of all inspections conducted by the Contractor and the necessary corrective actions taken. Daily Reports must be kept and made available to the Government throughout the contract performance period and for the period after completion until final settlement of any claims made under this contract.

1.19 SUPERINTENDENT

1.19.1 The Contractor must provide name and qualifications and past experience for review. The Contractor must designate a competent superintendent who must have full authority to act for the Contractor and who must be the primary contact with the Government until acceptance. The Contractor's superintendent must be at the job site at all times when work is taking place and must have full authority to act for the Contractor.

1.20 CONSTRUCTION SCHEDULING REQUIREMENTS

1.20.1 The Contractor must attend weekly project meetings, not to exceed three (3) hours, scheduled by the Government. The Contractor's Superintendent must attend the scheduled coordination meetings. Subcontractor representatives must attend as required. Discussion must address the progress schedule, potential factors of delay, deficiencies, material delivery schedules, submittals, and safety issues.

1.20.2 The required work must be performed in a sequence to minimize the time when potable water, air conditioning, panelboards, transformers, power supply, etc. are inoperative or out-of-service. Remove a single item of equipment, install the new replacement item, tie-in required utilities, test, and restore the new item of equipment to fully operational status before removing subsequent equipment.

1.21 SUBMITTALS

1.21.1 The Contractor must submit five (5) copies of submittal information (or electronic PDF files of the submittal package) for all listed items on an AF Form 3000. The Contractor must submit material submittals as a complete package for each specification section, ready for the CO's approval.

1.22 HAZARDOUS MATERIALS

1.22.1 The Government will perform a Hazardous Materials' Survey to include asbestos containing material (ACM), lead-based paint (LBP), and polychlorinated biphenyl (PCBs). Once completed, the Government will provide a copy of the survey to the CO. If hazardous materials have been identified as being present, the Contractor, if certified and licensed for hazardous materials' abatement or their certified and licensed hazardous materials' abatement subcontractor, must prepare and provide an abatement plan for removal of these existing hazardous materials for Government review.

1.22.2 The Contractor, if certified and licensed for hazardous materials' abatement or their certified and licensed hazardous materials' abatement subcontractor, must perform hazardous materials' abatement to remediate any existing hazardous materials located throughout the building. The Contractor, or their certified and licensed hazardous materials' abatement subcontractor, must properly dispose of all hazardous materials at an approved hazardous materials' accepting landfill in accordance with Federal, State, local laws and regulations, and USAF/USSF instructions and guidelines.

1.22.3 The Contractor or subcontractor must submit a "Notice of Demolition or Asbestos Renovation" (DEP Form 62-257.900(1)) to the FDEP with the updated

quantities and types of surface material being abated, and provide a copy of the form to the USAF/USSF for review and records.

1.22.4 If a Bill of Lading is required by the landfill accepting the asbestos waste, then the Contractor must provide a copy of the Bill of Lading to the Government for record purposes.

----END STATEMENT OF WORK----