

Section C – 1601000  
Utility Management

| <b>1601000 – Utility Management</b> |                                                             |
|-------------------------------------|-------------------------------------------------------------|
| <b>Spec Item</b>                    | <b>Title</b>                                                |
| 1                                   | General Information                                         |
| 1.1                                 | Concept of Operations                                       |
|                                     |                                                             |
| 2                                   | Management And Administration                               |
| 2.1                                 | Definitions and Acronyms                                    |
| 2.2                                 | Personnel                                                   |
| 2.2.1                               | Certification, Training, and Licensing                      |
| 2.3                                 | Special Requirements                                        |
| 2.3.1                               | Utility Management Strategy                                 |
| 2.4                                 | References and Technical Documents                          |
|                                     |                                                             |
| 3                                   | Recurring Work                                              |
| 3.1                                 | Utility Service Orders                                      |
| 3.1.1                               | Emergency Utility Service Orders                            |
| 3.1.2                               | Urgent Utility Service Orders                               |
| 3.1.3                               | Routine Utility Service Orders                              |
| 3.2                                 | Utility Operations Management                               |
| 3.2.1                               | Contingency Planning                                        |
| 3.2.2                               | Utility Mapping                                             |
| 3.2.3                               | Utility Outage Scheduling and Coordination                  |
| 3.2.4                               | Meter Reading                                               |
| 3.2.5                               | Utility Location Services                                   |
| 3.3                                 | Utility Infrastructure Condition Assessment (UICAP) Support |
| 3.3.1                               | Inventory Management                                        |
| 3.3.2                               | Condition Assessment                                        |
|                                     |                                                             |
| 4                                   | Non-Recurring Work                                          |

Section C – 1601000  
Utility Management

| <b>1601000 – Utility Management</b> |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Spec Item</b>                    | <b>Title</b>          | <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 1                                   | General Information   | The Contractor shall provide all labor, management, supervision, tools, materials, and equipment necessary to perform utility management services at the U.S. Naval Research Laboratory, Washington D.C., 20375.                                                                                                                                                                                                                                                                                                                                                                                                          |
| 1.1                                 | Concept of Operations | <p>The intent of 1601000 Utilities Management is to specify the requirements common to management and support of utility systems to include electrical, wastewater, and water.</p> <p>Points of demarcation between utility systems and facility systems are provided in J-1601000-01. The service points of demarcation are the points of connection between the serving utility and the facility and is where funding source changes. Maintenance and operation of utility systems covered within the Annex 16 specifications. Sustainment of facility assets is included in Sub-annex 1502000 Facility Investment.</p> |

Section C – 1601000  
Utility Management

| <b>1601000 – Utility Management</b> |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Spec Item</b>                    | <b>Title</b>                           | <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 2                                   | Management and Administration          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2.1                                 | Definitions and Acronyms               | Definitions and Acronyms provided in J-1601000-02.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 2.2                                 | Personnel                              | The Contractor shall provide personnel with the qualifications, technical knowledge, experience and skills required to provide utility management services.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 2.2.1                               | Certification, Training, and Licensing | Personnel operating Utility Control Systems shall be trained and certified Building or Utility Systems Automation Systems Technician and complete DOD Cyber Awareness training and complete a SAAR-N. DOD Cyber Awareness training must be completed annually. In addition, personnel must have demonstrated experience at a minimum of five (5) years of similar size and complexity of the Naval Research Laboratory.                                                                                                                                                                                                                                                                                                                                                                                                      |
| 2.3                                 | Special Requirements                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2.3.1                               | Utility Management Strategy            | <p>The Contractor shall align its utility management strategy, operations and maintenance practices with Utilities and Energy Management (UEM) Product Line objectives. These objectives are summarized as the delivery of safe, reliable, cost-effective utility services in compliance with environmental and energy security requirements. The Contractor shall support UEM Product Line objectives to focus investment in sustainment activities, e.g., preventive maintenance, extend the life of equipment, increase reliability, and decrease cost. Additionally, maintenance and repair planning shall utilize risk assessment.</p> <p>The Contractor shall coordinate with any additional entities named by NRL who are supporting NRL utilities that are not part of this contract to minimize mission impact.</p> |
| 2.4                                 | References and Technical Documents     | References and Technical Documents provided in J-1601000-03.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Section C – 1601000  
Utility Management

| <b>1601000 – Utility Management</b> |                        |                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Spec Item</b>                    | <b>Title</b>           | <b>Performance Objective</b>                                                                                                                                                               | <b>Related Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Performance Standard</b>                                                                                                                                                                                                                                                                                                   |
| 3                                   | Recurring Work         | The Contractor shall provide utility management services to ensure utility systems and infrastructure supports installation mission requirements.                                          | <p>Installation utility maps provided in J-1601000-04.</p> <p>The Contractor shall be knowledgeable of and comply with installation utility management reporting and coordination requirements identified within applicable NAVFAC and NRL processes provided in J-1601000-05.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <p>Utility management services performed as specified.</p> <p>Utility management services completed within the specified time.</p>                                                                                                                                                                                            |
| 3.1                                 | Utility Service Orders | The Contractor shall perform utility service order work in a timely manner to ensure utility systems and equipment are restored to a safe, normal working condition and function properly. | <p>The Contractor shall receive utility service orders in accordance with the work reception requirements in Annex 2.</p> <p>The Contractor shall schedule and perform service orders in a way that minimize disruptions to customers and Government operations.</p> <p>The Contractor shall perform service orders to accomplish any work identified within the points of demarcation for utility systems. Service orders are not limited to work performed on existing utility systems and equipment identified in the respective Section J attachments or spec items for each Annex. Additional utility systems and equipment added during the course of the contract will become part of the service order program at no additional cost to the Government.</p> <p>The Contractor shall maintain sufficient materials and equipment on hand to support service order work requirements. Lack of availability of material or equipment will not relieve the Contractor from the requirement to complete service order work within the time limits specified.</p> <p>The Government may combine multiple repair requirements received for the same location at</p> | <p>Utility service orders are responded to and completed within the specified time.</p> <p>Utility systems and equipment restored to normal working condition, including recertification if applicable.</p> <p>When repair is complete the utility system or equipment does not present danger to personnel or equipment.</p> |

Section C – 1601000  
Utility Management

| <b>1601000 – Utility Management</b> |                          |                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Spec Item</b>                    | <b>Title</b>             | <b>Performance Objective</b>                                                                                                                                                      | <b>Related Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Performance Standard</b>                                                                                                                                                                                                                                                                                                                      |
|                                     |                          |                                                                                                                                                                                   | <p>the same time into one service order as long as the service order limits of liability are not exceeded.</p> <p>The Contractor shall notify the KO upon identification that the service order will exceed the liability limits specified below in accordance with reporting requirements in Annex 2.</p> <p>If Non-Recurring work is issued for repairs, the Government will only pay for the portion of labor and/or material that exceeds the service order limits.</p> <p>The Contractor shall submit a monthly summary of completed service orders per Section F.</p>                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                  |
| 3.1.1                               | Emergency Service Orders | The Contractor shall respond to emergency service orders and arrest emergent conditions to minimize and mitigate damage to utility systems and equipment and danger to personnel. | <p>The Contractor shall perform emergency service orders 24 hours a day, seven days a week throughout the contract period.</p> <p>The Contractor shall respond to emergency service orders with the appropriate service personnel and equipment to commence work immediately.</p> <p>Emergency service orders are limited to a FFP ceiling of \$2,500 in direct material and labor cost.</p> <p>The Contractor shall remain at the work site until the emergency has been arrested.</p> <p>If follow-up work is required (after the emergency condition is arrested) to complete the restoration and ensure utility systems, ground structures and other assets are fully functional and in normal working condition, the Contractor may request a time extension equal to a Routine Service Order to the KO. The emergency mitigation</p> | <p>Emergency service orders responded to within one hour of receipt of call.</p> <p>Emergency service orders are arrested within 24 hours of receipt of call.</p> <p>Work continued without interruption until the emergent condition is arrested and damage to utility systems, ground structures, other assets and personnel is mitigated.</p> |

Section C – 1601000  
Utility Management

| <b>1601000 – Utility Management</b> |                            |                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                 |
|-------------------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Spec Item</b>                    | <b>Title</b>               | <b>Performance Objective</b>                                                                                                                                                                                                     | <b>Related Information</b>                                                                                                                                                                                                                                                                                                                                                       | <b>Performance Standard</b>                                                                                     |
|                                     |                            |                                                                                                                                                                                                                                  | and follow-up work shall be considered part of the original service order.                                                                                                                                                                                                                                                                                                       |                                                                                                                 |
| 3.1.2                               | Urgent Service Orders      | The Contractor shall complete urgent service orders in a timely manner and ensure utility systems and equipment are restored to a safe, normal working condition and function properly.                                          | <p>The Contractor shall perform urgent service orders to repair deficiencies without extended delay, therefore preventing further damage to utility systems and equipment.</p> <p>Urgent service orders are limited to a FFP ceiling of \$2,500 in material and direct labor cost.</p>                                                                                           | Urgent service orders are completed within five working days.                                                   |
| 3.1.3                               | Routine Service Orders     | The Contractor shall complete routine service orders in a timely manner and ensure utility systems and equipment are restored to a safe, normal working condition and function properly.                                         | <p>The Contractor shall perform routine service orders to repair deficiencies and return utility systems and equipment to normal working condition.</p> <p>Routine service orders are limited to a FFP ceiling of \$2,500 in material cost and direct labor costs.</p> <p>Performance of routine service orders is not required outside of Government regular working hours.</p> | Routine service orders are completed within 30 calendar days.                                                   |
| 3.2                                 | Utility Operations Support | The Contractor shall provide support services to ensure timely and accurate coordination and support of utility operations.                                                                                                      | The Contractor shall provide status and updates on utilities operations support services upon request.                                                                                                                                                                                                                                                                           | Services are properly documented and updated as specified.                                                      |
| 3.2.1                               | Contingency Planning       | The Contractor shall develop and implement a Contingency Plan to ensure timely restoration of utility services, minimal outage duration, and minimize mission impact in the event of asset failure, cyber-attack, control system | The Contractor shall submit the Contingency Plan per Section F.                                                                                                                                                                                                                                                                                                                  | Interruptions in utility services are minimized such that mission requirements are met 100 percent of the time. |

Section C – 1601000  
Utility Management

| <b>1601000 – Utility Management</b> |                                            |                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                         |
|-------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Spec Item</b>                    | <b>Title</b>                               | <b>Performance Objective</b>                                                                                                                                                          | <b>Related Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Performance Standard</b>                                                                                                                                                                             |
|                                     |                                            | failure, natural disasters, or loss of personnel.                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                         |
| 3.2.2                               | Utilities Mapping                          | The Contractor shall maintain and update utility maps and engineering drawings to ensure technical information is accurately documented in a timely manner.                           | <p>The Contractor shall verify for accuracy, completeness and update utility maps, tables of equipment, and engineering drawings within 10 calendar days following notification of need or discovery of changed conditions.</p> <p>The Contractor shall maintain the utility maps in the same format as provided by the Government.</p> <p>Utility maps and information shall be maintained in the ESRI ARCGIS geodatabase. Required attributes will be provided by the Government.</p>                                                                                                                                                                                                                                                                                                                                              | <p>Maps and drawings are current and accurate.</p> <p>Maps and drawings are updated within specified time.</p> <p>Updated maps and drawings are provided to the government within a specified time.</p> |
| 3.2.3                               | Utility Outage Scheduling and Coordination | The Contractor shall schedule and coordinate utility outages to ensure customer and mission operation disruptions are minimized and proper notifications are made in a timely manner. | <p>The Contractor shall receive requests for, coordinate, plan, and schedule utility outages with construction and service work providers to minimize customer operational impact.</p> <p>The Contractor shall plan and coordinate outages with affected customers no later than ten calendar days prior to a scheduled outage for routine requests and four calendar days for urgent requests.</p> <p>The Contractor shall monitor scheduled and unscheduled utility outages and keep affected customers informed of the outage status and time or date the interrupted utilities are anticipated to be restored.</p> <p>The Contractor shall report information related to utility outages per the Service Desk Guide for Reporting Utility System Outages and Utility Outage Reporting requirements provided in J-1601000-06.</p> | <p>Affected customers notified within the specified time prior to a scheduled outage.</p> <p>Affected customers kept notified of the outage status.</p>                                                 |

Section C – 1601000  
Utility Management

| <b>1601000 – Utility Management</b> |                                                             |                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                         |
|-------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Spec Item</b>                    | <b>Title</b>                                                | <b>Performance Objective</b>                                                                                                                                           | <b>Related Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Performance Standard</b>                                                                                                             |
| 3.2.4                               | Meter Reading                                               | The Contractor shall read and record data from utility meters to ensure accurate information is available for proper and timely utility billing.                       | <p>The Contractor shall read utility meters monthly at U.S. Naval Research Laboratory.</p> <p>All meter readings are to be completed on the scheduled day.</p> <p>Meters shall be read per schedule at all sites. The meter inventory and schedule is provided in J-1601000-07.</p> <p>The Contractor shall submit a Monthly Meter Reading Report per Section F.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>Meter readings are recorded accurately and provided to the NRL Energy Manager.</p> <p>All meters are read according to schedule.</p> |
| 3.2.5                               | Utility Location Services                                   | The Contractor shall provide utility location services to ensure underground utilities are protected from damage and proper notifications are made in a timely manner. | <p>The Contractor shall provide utility location services in support of excavation permits per NRLINST 11010.3.</p> <p>The Contractor shall request identification and marking of applicable utilities from Washington D.C. One Call.</p> <p>The Contractor shall mark the areas at the intended work site to identify any underground electrical, water, and wastewater utilities and provide documentation to the excavation permit office.</p> <p>The Contractor shall mark utilities within five calendar days from receipt for routine requests and within 24 hours for urgent requests.</p> <p>The Contractor will coordinate dig permits with NRL and other entities managing, repairing or constructing NRL infrastructure to ensure timely completion of all NRL work and minimization of damage to any utility system.</p> | <p>Utility location documentation is accurate.</p> <p>Utility location services are completed within the specified times.</p>           |
| 3.3                                 | Utility Infrastructure Condition Assessment (UICAP) Support | The Contractor shall perform UICAP services to ensure accurate asset inventory and                                                                                     | The Contractor shall perform UICAP services by maintaining an accurate asset inventory within MAXIMO and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MAXIMO asset data is complete and accurate.                                                                                             |

Section C – 1601000  
Utility Management

| <b>1601000 – Utility Management</b> |                      |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                        |
|-------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Spec Item</b>                    | <b>Title</b>         | <b>Performance Objective</b>                                                                                                      | <b>Related Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Performance Standard</b>                                                                                                                                            |
|                                     |                      | condition information to properly support utility maintenance planning.                                                           | <p>performing equipment condition assessments.</p> <p>Utility Asset descriptions provided in:</p> <ul style="list-style-type: none"> <li>• J-1601000-10 Electrical</li> <li>• J-1601000-11 Wastewater</li> <li>• J-1601000-12 Water</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <p>Asset condition assessment is complete and accurate.</p> <p>MAXIMO data is updated within the specified time.</p>                                                   |
| 3.3.1                               | Inventory Management | The Contractor shall manage asset inventory to ensure asset information is available for effective management of utility systems. | <p>The Contractor shall be responsible for all changes to utilities asset inventory updates within MAXIMO including adding, deactivating, and updating utilities assets.</p> <p>The Contractor is responsible for updates to asset data for all utilities equipment regardless of whether or not they are maintained under this contract or identified in Section J at no additional cost to the Government.</p> <p>For assets installed, removed, or replaced outside of this contract, the Contractor shall receive and validate inventory information provided by the Government and update asset data within MAXIMO.</p> <p>The Contractor shall update MAXIMO upon identification of discrepancies in inventory (e.g., assets with incorrect data elements, assets that no longer exist, or assets found that are not within current inventory).</p> <p>Utility asset data shall include every Navy-owned operating utility asset that meets one or more of the following requirements:</p> <ol style="list-style-type: none"> <li>1. Asset requires Recurring or Preventive Maintenance.</li> <li>2. Asset performs a critical function within the system.</li> </ol> | <p>MAXIMO asset data is updated within 10 days of identification or notification of change.</p> <p>Asset data fields required in MAXIMO are complete and accurate.</p> |

Section C – 1601000  
Utility Management

| 1601000 – Utility Management |                      |                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                        |
|------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Spec Item                    | Title                | Performance Objective                                                                                                                            | Related Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Performance Standard                                                                                                                                                                                                                   |
|                              |                      |                                                                                                                                                  | <p>3. Asset could be repaired rather than replaced if it fails.<br/>Note: For support structures that do not meet any of these three criteria, group them into a single asset with the appropriate quantity.</p> <p>The Contractor shall submit a Summary of MAXIMO Asset Changes report per Section F monthly.</p> <p>The Contractor shall ensure that utility assets are properly tagged. The format for utilities asset tags and utility asset tagging guidance are in J-1601000-08.</p> <p>Required data fields for updates to asset and specification information are indicated in J-0200000-06/07/08. Attributes required for specification information are listed in J-1601000-09.</p> <p>The Government will provide format requirements for nomenclature of assignment of new asset numbers.</p> <p>The process for providing MAXIMO asset updates are specified in Spec Item 2.6.6 in Annex 0200000.</p> |                                                                                                                                                                                                                                        |
| 3.3.2                        | Condition Assessment | The Contractor shall assess and document asset condition to ensure accurate condition information is available for utility maintenance planning. | <p>The Contractor shall perform condition assessments on all utility assets associated with systems identified in:</p> <ul style="list-style-type: none"> <li>• J-1601000-10 Electrical</li> <li>• J-1601000-11 Wastewater</li> <li>• J-1601000-12 Water</li> </ul> <p>The Contractor shall assess equipment condition annually and document the degradation index (DI) following the most intrusive Preventive Maintenance performed on the</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <p>Characteristic Meter Reading updates for all required assets do not exceed 365 days.</p> <p>Characteristic Meter Reading data fields required in MAXIMO are complete and accurate.</p> <p>Direct condition rating is reflective</p> |

Section C – 1601000  
Utility Management

| <b>1601000 – Utility Management</b> |              |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                             |
|-------------------------------------|--------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| <b>Spec Item</b>                    | <b>Title</b> | <b>Performance Objective</b> | <b>Related Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Performance Standard</b> |
|                                     |              |                              | <p>utility asset; a corrective maintenance is performed on the asset; an engineering evaluation is performed on the asset; or the asset is replaced.</p> <p>The description of the Utilities Energy Management-Degradation Index (UEM-DI) meter group and the direct condition rating guidance provided in J-1601000-13.</p> <p>Required data fields for updates to characteristic meter reading information are indicated in J-0200000-08.</p> <p>The process for providing MAXIMO characteristic meter reading updates are specified in Spec Item 2.6.6 in Annex 0200000.</p> | of current asset status.    |

Section C – 1601000  
Utility Management

| <b>1601000 – Utility Management</b> |                    |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                 |                             |
|-------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| <b>Spec Item</b>                    | <b>Title</b>       | <b>Performance Objective</b>                                                                                                                                                                                                                                                                                                  | <b>Related Information</b>                                                                                                                                                                                                                                                                      | <b>Performance Standard</b> |
| 4                                   | Non-Recurring Work | Non-Recurring work may be ordered utilizing DoD FEDMALL in accordance with Section H or on a task order in accordance with the PROCEDURES FOR ISSUING ORDERS clause in Section G. The order will specify the exact locations and types of work to be accomplished. The period of performance will be specified in each order. | Refer to Non-Recurring work ELINs for task listings, descriptions and related requirements. All periods of performance are measured from issue date of order to acceptance of the work. Performance Standards for Non-Recurring work will be the same as those in Spec Item 3 where applicable. |                             |