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**The TEXT indicated with < > is to be selected or filled in by the Specifier to meet the requirements of the project.**

**If any of the SECTIONS (i.e. 1.02, 1.03, etc.) below are not required for the project do NOT delete the Section, but rather change the title of the Section to “NOT USED” (i.e. 1.02 NOT USED) so that numbering of specification references is preserved, and delete the specification language in this Section below the title.**

## **PART 1 GENERAL**

### **1.01 SECTION INCLUDES**

- A. General.
- B. Examination of site.
- C. Work covered by Contract Documents.
- D. Optional work.
- E. Work by others.
- F. Work sequence.
- G. General conditions.
- H. Contracts to be assumed by CONTRACTOR.
- I. CONTRACTOR use of Site.
- J. UTILITIES occupancy.
- K. UTILITIES-furnished items

### **1.02 GENERAL**

- A. Unless otherwise directed by UTILITIES, costs related to these Specification shall be considered inherent to Work, and be incorporated within the costs provided (i.e., no separate measurement and payment).
- B. Unless expressly otherwise stated, all Work required by the Specifications and Drawings or to deliver the completed Project shall be the responsibility of CONTRACTOR. Specifications are of an abbreviated, simplified or streamlined type and include incomplete sentences. Omissions of certain words or phrases such as “the CONTRACTOR shall,” “shall be,” “as indicated on the Drawings,” “a,” “the,” are intentional. Revert back to the executed contract for order of precedence of documents.
- C. When reference is made to specifications, societies, institutes, associations or manufacturer’s directions, they are, except as may be inconsistent herewith, made part of specifications, to same extent as if written out in full herein. Use latest edition, at time of bidding, if a date is not given.

1.03 EXAMINATION OF SITE

- A. Failure to visit site will in no way relieve the CONTRACTOR from the necessity of furnishing materials or performing work that may be required to complete work in accordance with the Contract Documents without additional cost to UTILITIES.

1.04 WORK COVERED BY CONTRACT DOCUMENTS

- A. The Work for this Contract comprises the provision by the CONTRACTOR of the general construction for the <Project Title> Project located in <City, State>. The project includes the tasks described herein.
- B. < The UTILITIES assets and facilities shall remain on-line and occupied throughout the entire duration of the project. If an interruption of UTILITIES assets and facilities normal function is required to complete the work, It is the CONTRACTOR's responsibility to coordinate the installation of the various project elements with UTILITIES to minimize impacts to UTILITIES assets and facilities.>
- C. The Work shall be performed in accordance with the Contract Documents and include the following:
  - 1. <Project Description>
  - 2. <Project high level summary of statement of work.>
- D. Documentation
  - 1. The CONTRACTOR shall create documentation as a part of this project. All documents contained herein shall be created and submitted to UTILITIES <and Engineer> for review and acceptance or filed for record.

1.05 OPTIONAL WORK

- A. UTILITIES may request additional project scope for the CONTRACTOR to execute in accordance with the Contract Documents. These items and their description are as follows:
  - 1. <Description>

1.06 WORK BY OTHERS

- A. Work which will be executed prior to start of Work of this Contract, and which is excluded from this Contract, as follows:
  - 1. <Description>.
- B. Work which will be executed during the Work of this Contract, and which is excluded from this Contract, as follows:
  - 1. <Description>.
- C. Work which will be executed after completion of Work of this Contract, and which is excluded from this Contract, as follows:
  - 1. <Description>.

1.07 WORK SEQUENCE

- A. Construct Work in <stages> <phases> <to accommodate UTILITIES' occupancy requirements> < > during the construction period, coordinate construction schedule and operations with UTILITIES <and Engineer:>
  - 1. <Stage> <Phase> 1: <Description>.
  - 2. <Stage> <Phase> 2: <Description>.
  - 3. <Stage> <Phase> 3: <Description>.

## 1.08 GENERAL CONDITIONS

- A. The CONTRACTOR shall furnish all engineering, supervision, labor, tools, special tools, equipment, staging, rigging, and incidental material necessary for the complete design, construction, and installation of all equipment to complete the Work required by these Specifications.
- B. Minimal staging and storage of materials and equipment, and parking for working vehicles on the site is available at all times. Any staging and storage of materials and equipment, and parking shall be fully coordinated with UTILITIES and shall be approved in writing.
- C. The CONTRACTOR's responsibilities include, but is not limited to the following:
1. <All receiving, unloading, sorting, storing, loading, and hauling of materials and equipment from the point of shipment to the storage area and/or to the project site.>
  2. <All materials and equipment shall be handled, stored, and protected in such a manner as to ensure proper operation, alignment, and finish.>
  3. <All required temporary blocking, stiffening, covering, weather protection, etc.>
  4. <All shoring, rigging, dewatering equipment, cable, rope, blocks, chain hoists, etc.>
  5. <Scaffolding, temporary stairs, floors, ladders, platforms, railings, toe boards, etc.>
  6. <Grading equipment, cranes, manlifts, and other equipment required to perform the construction.>
  7. <Welding machines, cable, welding rod, solder, flux, and burning equipment.>
  8. <All nuts, bolts, gaskets, etc., required for complete piping and equipment installation.>
  9. <Piping and hoses for equipment and site cleaning and delivering water to equipment and piping for pressure testing and disposal of water after testing.>
  10. <Labor and equipment required for the Work.>
  11. <Site office, storage trailers, site security and fencing, sanitary facilities.>
  12. <High speed internet, cameras, site radios, or other such site technologies to perform the project.>
  13. <Testing, licensing, and permitting, including but not limited to, inspection fees, license fees, government charges, field tests, bacteriological tests, material tests, compaction tests, and concrete tests.>
  14. <Labor and equipment for testing of process piping, equipment, and systems.>
  15. <Labor and equipment for electrical testing of cables, equipment, and systems.>
  16. <Small tools and equipment, such as wrenches, hammers, turnbuckles, extension cords, jacks, rollers, generators, temporary lighting, etc.>
  17. <Oxygen, acetylene, oil, fuels, cleaning fluids, and other miscellaneous supplies required during installation and equipment commissioning and startup.>
  18. <Any other tools, equipment or services necessary to accomplish a complete and expeditious installation.>
  19. <Personnel protection equipment (PPE) including, but not limited to, hard hats, safety glasses with side shields, safety toed boots, gloves, hearing protection, goggles, fire retardant coveralls, fall protection equipment, oxygen and air monitoring equipment, dust masks, respirators, self-contained breathing apparatus (SCBA), arc/flash clothing, and etc.>
  20. <Start-up and testing, including, but not limited to, chemicals, testing and sampling equipment, laboratory tests and analysis, and other related task.>
  21. <Removal at completion of work all trash and waste created by the CONTRACTOR during execution of Work. Used or replaced equipment shall be returned to UTILITIES, if UTILITIES want to retain it. If UTILITIES do not want to retain used or replaced equipment, the CONTRACTOR shall dispose of the equipment. All waste management and disposal shall be in accordance with Section 01 74 19.>

## 1.09 CONTRACTS TO BE EXECUTED BY CONTRACTOR

- A. Contracts on this Project which shall be executed by the CONTRACTOR prior to the start of demolition or construction are as follows:

1. Procurement of equipment and materials not furnished by UTILITIES including but not limited to the following:
  - a. <Description of Equipment and Materials>.
  - b. <Bill of Material.>

#### 1.10 CONTRACTOR USE OF SITE

- A. CONTRACTOR shall have complete and exclusive use of the Site for execution of Work, except that UTILITIES shall have unlimited access to the Site.
- B. CONTRACTOR shall not have complete and exclusive use of the Site for execution of the Work. CONTRACTOR shall be obligated to provide priority to existing operations by UTILITIES. The CONTRACTOR shall:
  1. Coordinate use of Site under direction of UTILITIES. CONTRACTOR shall confine construction equipment, storage of materials and equipment and operations of workers to areas permitted by law, ordinances, permits, or requirements of Contract Documents, and shall not unreasonably encumber premises with construction equipment or other material or equipment.
  2. Assume full responsibility for protection and safekeeping of items under this Contract, stored on site.
  3. Move any stored items, under CONTRACTOR's control, which interfere with operations of UTILITIES or separate contractor.
  4. Obtain and pay for use of additional storage or work areas needed for operations.

#### 1.11 UTILITIES OCCUPANCY

- A. UTILITIES will utilize premises during entire period of construction for conduct of its normal operations. CONTRACTOR shall cooperate with UTILITIES in all construction operations to minimize conflict, and to facilitate UTILITIES usage.
  1. CONTRACTOR shall maintain existing utility, plant, facility, and building services in substantially continuous operation during construction, making and removing temporary connections as necessary to support UTILITIES work.
  2. CONTRACTOR shall always conduct its operations as to ensure minimal interruption to existing utility services, and least inconvenience to UTILITIES.
  3. UTILITIES may perform hazardous work, change existing utility operations or require interruption of service at times.
- B. CONTRACTOR shall always conduct its operations as to ensure the safety of, and least inconvenience to, the general public.

#### 1.12 UTILITIES-FURNISHED ITEMS

- A. Products furnished and paid for by UTILITIES.
  1. UTILITIES furnished products:
    - a. <Description>
  2. UTILITIES' responsibilities:
    - a. Arrange for and deliver necessary Shop Drawings and Samples to CONTRACTOR.
    - b. Arrange and pay for delivery of UTILITIES-furnished products to Site, in accordance with construction schedule.
    - c. Deliver supplier's bill of materials to CONTRACTOR.
    - d. Inspect deliveries jointly with CONTRACTOR.
    - e. Submit claims for transportation damage.
    - f. Arrange for manufacturer's warranties, Bonds, service, inspections, as required.
  3. CONTRACTOR's responsibilities:
    - a. Designate delivery date for each UTILITIES-furnished product in Construction Schedule.
    - b. Assist in the replacement of damaged, defective, or missing items as required by UTILITIES.

- c. Review Shop Drawings and Samples. Submit notification to UTILITIES <and Engineer> of any discrepancies or problems anticipated in use of UTILITIES-furnished products.
- d. Receive and unload UTILITIES-furnished products at Site.
- e. Promptly inspect UTILITIES-furnished products jointly with UTILITIES, record shortages, damages, or defective items.
- f. Handle UTILITIES-furnished products at Site, including uncrating and storage.
- g. Protect UTILITIES-furnished products from exposure to elements, and from damage.
- h. Assemble, install, connect, adjust, and finish products, as stipulated in respective Section of Specifications.
- i. Repair or replace items damaged by CONTRACTOR.

**PART 2 PRODUCTS**

NOT USED

**PART 3 EXECUTION**

NOT USED

END OF SECTION