

## **BID PACKAGE 10-003 – OLIVE GARDEN SITE UTILITIES WORK**

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TULALIP, WASHINGTON

### **SECTION 015100 – TEMPORARY UTILITIES**

#### **PART 1 - GENERAL**

##### **1.01 REQUIREMENTS INCLUDED**

- A. Furnish, install and maintain temporary utilities required for construction, remove on completion of entire project.
- B. Provide temperature, ventilation, and lighting requirements as specified in each individual Section.

##### **1.02 RELATED REQUIREMENTS**

- A. Drawings and general provisions of Contract, including General and Special Conditions.
- B. Section 010100 – SCOPE OF WORK
- C. Section 015900 – TEMPORARY FACILITIES

##### **1.03 QUALITY ASSURANCE**

- A. Regulations: Comply with industry standards and applicable laws and regulations of authorities having jurisdiction including, but not limited to, the following:
  - 1. Building code requirements
  - 2. Health and safety regulations
  - 3. Utility company regulations
  - 4. Police, fire department, and rescue squad rules
  - 5. Environmental protection regulations
- B. Standards: Comply with NFPA 241 “Standard for Safeguarding Construction, Alterations, and Demolition Operations”, ANSI A10 Series Standards for “Safety Requirements for Construction and Demolition,” and NECA Electrical Design Library “Temporary Electrical Facilities”.
  - 1. Electrical Service: Comply with NEMA, NECA, and UL standards and regulations for temporary electric service. Install service in compliance with NFPA 70 “National Electric Code”.
- C. Design Standards: Requirements for temporary facilities are minimum standards. Provide additional facilities as required for proper execution of Work and to meet responsibilities for protection of persons and property.
  - 1. NOT USED.

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2. NOT USED.

3. NOT USED.

4. NOT USED.

D. Inspections: Arrange for authorities having jurisdiction to inspect and test each temporary utility before use. Obtain required certifications and permits.

### 1.04 REQUIREMENTS OF REGULATORY AGENCIES

A. Comply with National Electric Code.

B. Comply with Federal and local codes and regulations and with utility company requirements.

## PART 2 - PRODUCTS

### 2.01 MATERIALS, GENERAL

A. Materials may be new or used, but must be adequate in capacity for the required usage, **MUST NOT** create unsafe conditions, and **MUST NOT** violate requirements of applicable codes and standards.

### 2.02 TEMPORARY ELECTRICITY AND LIGHTING

A. Contractor shall coordinate all activities with the electric utility company to bring power to the staging area sufficient to supply the field offices. Contractor shall pay all associated fees and perform all work not performed by the electric utility company.

B. Contractor(s) will be required to monitor their electrical consumption at the staging area, via individual meters or otherwise, and coordinate payment of monthly bills with the electric utility company or with the other trades. Contractor will be responsible to pay for their own electric use at the staging area.

C. Temporary Service: This service shall be established in the name of the Contractor and consumption bills will be paid for by the Contractor.

D. NOT USED.

E. NOT USED.

F. NOT USED.

G. Any Contractor requiring service other than specified above shall arrange for, provide maintenance and pay all costs incurred.

### 2.03 TEMPORARY HEAT / WEATHER PROTECTION AND VENTILATION – NOT USED

### 2.04 TEMPORARY WATER

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- A. Contractor shall make the necessary provisions needed to provide water to the site from existing and or new utility lines. Contractor will coordinate temporary water sources and locations with the Construction Manager. Contractor shall provide water sources at locations determined by Contractor to adequately service the needs of the Project.
- B. The Owner shall pay for all water consumption bills.
- C. Any excessive consumption of water that results in unusually high utility bills will be back charged to Contractor or contractors responsible for the consumption. "Excessive Consumption" shall be defined as: "Any quantity that exceeds the normal amount required to complete the scope of work assigned."

#### 2.05 TEMPORARY SANITARY FACILITIES

- A. Contractor shall provide, maintain and clean as necessary, a minimum of one (1) temporary sanitary facility per ten (10) all on-site employees for the entire Contract duration, with location(s) determined by Contractor. Contractor shall clean and maintain temporary sanitary facility(ies) including paper for the use of authorized parties. Contractor shall provide applicable temporary sanitary facility types and number(s) for male and female employees. Separate temporary sanitary facilities shall be provided for each gender. Enclosures for temporary sanitary facilities shall be:
  - 1. Weatherproof, opaque, sturdy temporary enclosures
  - 2. Ventilated to meet applicable Federal requirements
- B. Contractor shall provide temporary sanitary facilities and enclosures in quantities needed to service all on-site employees of all contractors.

#### 2.06 FIRST AID

- A. Contractor shall provide all articles necessary for first aid treatment.
- B. Contractor shall make arrangements with the nearest hospital for treatment of seriously injured workmen.
- C. Contractor shall provide one (1) basket stretcher non-metal type with four-point heavy-duty sling attachment. The stretcher will be located at Contractor's field office.

#### 2.07 HAZARDOUS MATERIALS

- A. When the use of storage of hazardous materials or equipment is necessary for the execution of the Work, Contractor shall exercise the utmost care and shall carry on such activities under the supervision of properly qualified personnel. Such use and storage shall also be in accordance with governing authority. The use of explosives shall not be permitted.

#### 2.08 ENVIRONMENTAL PROTECTION

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- A. In order to prevent and to provide for abatement and control of environmental pollution arising from the construction activities of Contractor and his subcontractors in the performance of this Contract, they shall comply with applicable federal and local laws, and regulations concerning environmental pollution control and abatement as well as the specific requirements stated elsewhere in the Contract Documents.
- B. Items having apparent historical or archaeological interest that are discovered in the course of construction activities shall be carefully preserved. Contractor shall leave the archaeological find undisturbed and shall immediately report the find to the Construction Manager so that the proper authorities may be notified.
- C. No contractor shall pollute water resources with fuels, oils, bitumen, calcium chloride, acids or harmful materials. It is the responsibility of each contractor to investigate and comply with applicable federal, county, and municipal laws concerning pollution of rivers and streams. Work under this Contract shall be performed in such a manner that objectionable conditions will not be created in water resources through or adjacent to the project areas.
  - 1. Spillages: Throughout the duration of the Project, special measures shall be taken to prevent chemicals, fuels, oils, grease, bituminous materials, waste washings, herbicides and insecticides, and cement from entering water resources.
  - 2. Disposal: If waste material is dumped in unauthorized areas, Contractor shall remove the material and restore the area to the condition of the adjacent undisturbed area. If necessary, contaminated ground shall be excavated, disposed of as directed by the Project Engineer, through the Construction Manager, and replaced with suitable fill material, compacted and finished with topsoil, at the expense of Contractor.
- D. Each contractor will be required to minimize dispersed dust at required excavations, embankments, stockpiles, haul roads, permanent access roads, plant sites, waste areas, borrow areas, and other work areas on or off site to minimize dispersed dust.

### PART 3 - EXECUTION

#### 3.01 GENERAL

- A. Comply with applicable requirements.
- B. Maintain and operate systems to assure continuous service.
- C. Modify and extend systems as work progress requires.

#### 3.02 REMOVAL

- A. Contractor who installed temporary facilities and or utilities shall be responsible to completely remove temporary materials and equipment when their use is no longer required.

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- B. Contractor who removes the temporary materials and equipment shall be responsible to clean and repair damage caused by temporary installations or use of temporary facilities.
- C. NOT USED.

**END OF SECTION 015100**