

SECTION 012300 - ALTERNATES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes administrative and procedural requirements for alternates.

1.3 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to or deducted from the base bid amount if the Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
 - 1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
 - 2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternates into the Work. No other adjustments are made to the Contract Sum.

1.4 PROCEDURES

- A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 - 1. Include, as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation, whether or not indicated as part of alternate.
- B. Execute accepted alternates under the same conditions as other Work of the Contract.
- C. Schedule: A Part 3 "Schedule of Alternates" Article is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

Replace Water-Cooled Chiller
Mobile County Health Department
251 N Bayou Street, Mobile, AL 36603
SCE Project Number: 23037

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

- A. Additive Alternate No. 1: Pipe & valve work and chilled water pump replacement related to existing water-cooled chiller, CH-1.
1. Base Bid: Perform Phase 1 demolition and new work as indicated on sheet M1.1, which includes the installation of the new water-cooled chiller, replacement of one existing chilled water pump associated with the new chiller, and pipe and valve work associated with the installation of the new chiller. Base bid also includes the work to provide a refrigerant leak detection system and mechanical room exhaust/purge fan. New equipment shall be integrated into the existing Trane BAS.
 2. Alternate: Perform Phase 2 demolition and new work as indicated on sheet M1.2, which includes replacing the existing chilled water pump serving existing chiller, CH-1, as well as pipe and valve work associated with the existing chiller and new chilled water bypass shown on the plans. The new chilled water pump & VFD, as well as the new automatic isolation valves and chiller bypass valve, shall be tied into the existing Trane BAS. After the Phase 2 work is complete, the chiller plant shall be in a variable-primary configuration with 100% redundancy between the two chillers and two variable speed chilled water pumps.

END OF SECTION 012300