

## **SECTION 01700 - CONTRACT CLOSEOUT**

### **1.0 INSTRUCTION MANUALS**

All Instruction Manuals shall be submitted to, and approval by the Construction Manager obtained, prior to seventy-five (75) percent of the work being completed, or prior to the City taking beneficial occupancy of any equipment or facility, whichever occurs first. Incomplete or unacceptable Instruction Manuals as determined by the Construction Manager shall constitute justification for withholding all or any portion of progress payments.

### **2.0 EQUIPMENT START-UP**

After all acceptance tests have been completed by the Contractor and City, but prior to final acceptance, the Contractor shall recheck all equipment for proper alignment, adjustment, and calibration, check oil levels, relubricate all bearing and wearing points, and in general assure that all equipment is in proper condition for regular continuous operation.

### **3.0 FINAL CLEANING**

#### **3.1 Final Clean Up**

Before final inspection of the Work, the Contractor shall clean the construction area, material sites, adjacent property and streets, and all ground occupied by the Contractor in connection with the Work of all rubbish, excess materials, form lumber, etc. All parts of the Work shall be left in a neat and presentable condition.

#### **3.2 Final Building Clean-Up**

On all building projects and wherever else applicable, besides general broom cleaning, the following special cleaning shall be performed at completion of the Work:

- a. Putty stains and paint shall be removed from glass; glass shall be washed and polished, inside and outside. Care shall be exercised so as not to scratch glass.
- b. Marks, stains, fingerprints, and other soil and dirt shall be removed from painted, decorated, or stained work.
- c. Waxed woodwork shall be cleaned and polished.
- d. Hardware shall be cleaned and polished of all traces; this shall include removal of stains, dust, dirt, paints, and blemishes.
- e. Spots, soil, paint, plaster, and concrete shall be removed from tile; tile work shall be washed afterwards.
- f. Fixtures and equipment shall be cleaned, and stains, paint, dirt, and dust shall be removed.

- g. Temporary floor protections shall be removed; floors shall be cleaned, waxed, and buffed.
- h. Dust, cobwebs, and traces of insects and dirt shall be removed.

#### **4.0 PROJECT COMPLETION**

##### **4.1 Substantial Completion**

Substantial Completion is the date upon which written acceptance by the Owner has occurred stating that the construction of facilities is sufficiently completed in accordance with the Contract Documents, such that specific facilities can be utilized for the purpose for which they are intended, and the Owner thereupon takes beneficial occupancy of each facility.

##### **4.2 Final Completion**

Final Completion is the date upon which written acceptance by the Owner has occurred stating that the Construction of all remaining Work as required by the Contract Documents, has been completed in accordance with the Contract Documents. The following items as they pertain to all remaining Work of the Project are included in the requirements which shall be completed prior to Final Completion being certified:

- a. Removal and disposal of all non-salvageable materials, and clean-up of the project area.
- b. Correction of all work deficiencies and/or non-compliance items. The punch list for the entire Contract shall be resolved to the Owner's satisfaction prior to Final Completion.
- c. Written certification by the Contractor stating that all the above items have been accomplished and a request that the Owner accept the project as having attained "Final Completion".

#### **5.0 GUARANTEE**

The Contractor shall guarantee that the equipment, materials and workmanship furnished under this Contract, including all work and materials provided by subcontractors or manufacturers of packaged equipment components, will be as specified and will be free from defects for a one-year guarantee period, starting from the date of Substantial Completion of the Work, unless a longer period of time is prescribed by law or required by special provisions elsewhere in the Contract Documents and except as otherwise noted herein. In addition, the equipment furnished by the Contractor shall be guaranteed to be free from defects in design. The Contractor also agrees to indemnify, defend, and hold the City harmless from liability of any kind arising from damage due to said defects. The Contractor shall execute and submit a completed Warranty Form prior to the Substantial Completion date or the final acceptance of the project or within five (5) days of the occupancy or use of a portion of the Work, whichever is applicable.

If a specific item (or items) of equipment or material cannot be utilized by the City at Substantial Completion because the Work is incomplete or defective, the guarantee for that item (or items) shall begin when the City is provided beneficial use. Beneficial use for any such items shall be provided prior to Final Completion. In the event warranty work involves repair or replacement of parts, machine work, or any other work which affects the equipment or materials installed under this Contract, the

Contractor's guarantee on such items and work shall be extended for a period of one year from the date of installation of said replacement items, or the performance of said repair or replacement work.

Within the guarantee period and upon notification of the Contractor by the City, the Contractor shall promptly make all needed adjustments, repairs or replacements arising out of defects, failure or abnormalities which, in the judgment of the City, become necessary during such period. The cost of all materials, parts, labor, transportation, supervision, special tools and supplies required for correction of defects, failure or abnormalities shall be paid by the Contractor and its Surety. If, within ten (10) days, unless specified otherwise by the City, after the City gives the Contractor notice of a defect, failure, or abnormality of the Work, the Contractor neglects to make the necessary repair or adjustments, the City may make the repair or adjustments or order the Work to be done by a third party, with the cost of the Work to be paid by the Contractor and its Surety. In the event of an emergency where, in the judgment of the City, delay would cause serious loss or damage, repairs or adjustments may be made by the City, without giving notice to the Contractor, and the cost of the work shall be paid by the Contractor and its Surety.

The City and the Contractor agree that guarantee period on the parts of the work possessed and used by the City in accordance with Paragraph 00700-3.5, **City's Right to Use or Occupy**, shall commence on the date that the City takes possession of such work and so notifies the Contractor in writing. The City and Contractor further agree that such possession, and use of the work shall not be deemed as Substantial Completion or acceptance of any other part of the Work.

Prior to the expiration of the guarantee period, the City reserves the right to hold a meeting and require the attendance of the Contractor. The purpose of the meeting is to review warranties, bonds and maintenance requirements and determine required repair or replacement of defective items.

For the purpose of this section, acceptance of the Work or a portion of the Work by the City, shall not extinguish any covenant or agreement on the part of the Contractor to be performed or fulfilled under this Contract which has not, in fact, been performed or fulfilled at the time of such acceptance. All covenants and agreements shall continue to be binding on the Contractor until they have been fulfilled.

**\*\*\*\* END OF SECTION \*\*\*\***