1. RELATED SECTIONS

.1 Contract Time: Section [01110] [01115].
.2 Work sequence: Section 01110.
.3 Products supplied by Owner: Section 01110.
.4 Allowances: Section 01210.
.5 Shop Drawings, Product Data and Samples: Section 01340.
.6 Facility Start-Up Procedures: Section 01811.

2. CONSTRUCTION PROGRESS SCHEDULE

.1 Form of Schedule:

.1 Horizontal bar chart of sufficient size to clearly indicate all required information.
.2 Divide time into months, weeks and days. Identify first work day of each week.
.3 Allow space for revisions.

.2 Content of Schedule:

.1 List and provide a separate bar for each activity.
.2 Indicate start and completion dates for each activity and for milestones specified in Section 01115.
.3 Indicate projected percentage of completion for each activity as of first day of each month.
.4 Include a separate bar, coordinated with sub-schedules, for Contractor Start-Up for:

.1 Each mechanical system.
.2 Each electrical system.
.3 Each architectural system.
.4 Each structural system

.5 Provide dates for commissioning activities on the schedule provided at the end of this section for the following:

.1 The date for “installation (static) complete” is the date the check sheets have been completed for Static checks and are ready for verification by the commissioning agent. Refer to the example check sheet in section01335

.2 The “testing (balancing) to start” is the date the complete system is ready for testing or balancing.

.5 Include a milestone to mark commencement of the following activities:
1. Commencement and finalization of air and water balance testing
2. Fire alarm verification
3. Area of refuge test
3. Ductwork cleanliness test - use of Hospital Personnel required
4. Z32 Test program start and completion
5. Medical Gas Certification - Purity Test
6. Control system verification
7. Other test as required for substantial performance

.6 Include separate bars for the Static Review and Performance Testing phases of Facility Start-Up.

.7 Indicate activities delayed due to seasonal considerations.

.3 Progress Revisions:
1. Keep schedule on site and up-to-date for duration of Contract.
2. Indicate actual progress of work.
3. Indicate major changes in scope.
4. Revise projections of progress and completion as required.

.4 Submissions:
1. Within 15 Days after date of commencement of Contract, submit a copy of an initial construction schedule for review and acceptance at the pre-construction meeting.
2. Revise and resubmit schedule as required.
3. Submit copy of updated schedule when requested.

3. SUBSCHEDULES
1. Provide sub-schedules to define the following portions of prime Construction Progress Schedule in greater detail:
   1. Mechanical.
   2. Electrical.
   3. Architectural.
   4. Structural.

.2 Form of Sub-schedules is the same as Construction Progress Schedule.

.3 Content of Mechanical, Electrical, Architectural and Structural Sub-schedule are the same as Construction Progress Schedule, except more detailed.
.4 Content of Contractor Start-up Sub schedules:

.1 List and provide a parent bar for the following:

.1 Each mechanical system.
.2 Each electrical system.
.3 Each architectural system.
.4 Each structural system.

.2 Include milestone dates for the completion of Construction Progress Schedule tasks which are linked to the start dates for Contractor Start-up tasks.

.3 Group Contractor Start-up tasks by system and provide a separate bar for the one or more tasks within each of the following activities:

.1 Pre-start tests and inspections.
.2 Start-up procedures, including manufacturer’s site services where required.
.3 Testing, adjusting and balancing.
.4 Completion of commissioning manual.
.5 Milestone review of systems and reports.
.6 Contract Deficiency correction.

.4 Indicate start and completion dates for each activity.

.5 Progress Revisions is the same as the Construction Progress Schedule. Ensure that sub-schedules remain coordinated with Construction Progress Schedule.

.6 Submissions: submit sub-schedules together with Construction Progress Schedule.

4. SUBMITTALS SCHEDULE

.1 Prepare a schedule of shop drawings, product data and samples which are proposed to be submitted during the course of the Contract.

.2 Submit Submittals Schedule for review within 15 days after date of commencement of Contract.

.3 After review, owner may require submission of additional information or request that some proposed submittals not be submitted. Submittals not requested may not be processed or reviewed by owner.

.4 Submittals Schedule may be part of Construction Progress Schedule.