

SECTION 01 32 00 - CONSTRUCTION PROGRESS SCHEDULES

PART 1: GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. The coordinating contractor will create a construction schedule of the Critical Path Method (CPM) type to monitor the project. Each assigned contractor must provide a critical path schedule for their work for the coordinating contractor's use. Each contractor (coordinating and assigned) will be responsible for providing all information concerning the sequencing and durations of all activities as well as providing the initial CPM logic diagram. Once the initial logic diagram is accepted by UIUC, the coordinating contractor will be responsible for maintaining and providing periodic updates. Each assigned contractor must provide updates to their coordinating contractor for their work.
- B. The schedule should be broken down by meaningful areas, especially areas affecting University activities.
- C. This schedule shall be the Contractor's working schedule and used to plan, organize and execute the work, record and report actual performance and progress and outlines how the Contractor plans to complete all remaining work.

PART 2: PRODUCTS

2.1 SOFTWARE

- A. The following software package is acceptable:
 - 1. Microsoft Project or other software with agreement from UIUC PM
- B. Owner supported activities shall be provided and updated in Microsoft Excel format.

PART 3: EXECUTION

3.1 SCHEDULE DETAILS

- A. Detailed Schedule Diagram: The detailed network diagram shall show all activities required to complete the project and their dependency relationships. Include intermediate milestones as necessary to track important events such as phased completion dates, permanent power, outages, owner furnished equipment delivery, etc., and all items specified in the "Other Conditions" of the contract. Each activity should have an associated activity identification, activity description, duration, early and late start and finish dates, and total float. Each activity shall have at least one precedent and/or successor activity.
- B. Calendar: List all non-work days to include weekends and holidays. Include other days that university personnel will not be available (refer to current University Academic calendar).

- C. Required Activities: Activities to be included in the network shall be: construction activities; submittal/shop drawing preparation activities; submittal/shop drawing review activities; purchase, manufacture/fabricate, and delivery for major equipment and materials activities; critical inspection activities; utility shutdown activities; and close-out activities.
- D. Activity Detail: The activities shall meet the following criteria:
 - 1. Coordinate tasks with the schedule of values.
 - 2. Whole day units.
 - 3. Construction activities shall have a maximum duration of 15 days.
 - 4. Resource loading in man-hours for each activity. Include proposed resource flow of subcontractors through the building.
 - 5. Detail should reflect lowest observable and measureable tasks and reasonable areas, to satisfy UIUC's needs.

3.2 UPDATING

- A. The updates will cover the project schedule and the milestones. Update will be compared to the baseline schedule (or accepted revised baseline schedule). Previous months' schedule update will not be used. Update shall include as a minimum the following:
 - 1. Actual start/finish dates
 - 2. Projected remaining durations for activities in progress
 - 3. Logic changes to correct out-of-sequence progress only
 - 4. Narrative to include: reasons for changes and associated impact, progress on the critical path and critical path shifting, total float usage, average number of days activities started early/late, activities which did not start but should have, added/deleted activities.
 - 5. If schedule has slipped, a recovery schedule indicating the logic changes and duration changes required to recover the schedule shall be provided.

3.3 CHANGE ORDERS

- A. If a change in scope influences the project schedule, then a revised project schedule will be submitted with the request for change in contract amount. This revised project schedule will show the change or delay on the current contract schedule completion date. This revised project schedule shall be submitted by the Contractor for review by UIUC.

END OF SECTION 01 32 00

This section of the *U of I Facilities Standards* establishes minimum requirements only.
It should not be used as a complete specification.