

**SUPPLEMENTAL SPECIFICATION
REVISIONS TO ARTICLE 108.02 OF THE GENERAL PROVISIONS**

108.02 Progress Schedule

This article is revised to read as follows:

- a. The Contractor shall submit for the approval of the Regional Office Director, not later than five calendar days after the date the Notice to Proceed (NTP) is issued, a construction progress schedule in a chart form. A Critical Path Method (CPM) using Primavera Software shall be used to develop said progress schedule through the total construction time.
- b. The Contractor's progress schedule will be used to evaluate the progress of the work. It shall be updated monthly during the life of the contract subject to the approval of the Regional Office Director. The Contractor shall maintain the progress schedule and charts up to date.
- c. Failure to comply with any of the above paragraphs a. or b., will be considered justification to withhold partial payments.
- d. The Contractor shall preface each progress schedule with the following information:
 - (1) Project name
 - (2) Contract Number (AC & Oracle)
 - (3) Contractor
 - (4) Original contract time
 - (5) Revised contract time
 - (6) Type of progress schedule (initial or updated)
 - (7) Effective date of the schedule
 - (8) Percentage of work completed in dollars amount
 - (9) Percentage of time use
 - (10) Original contract amount
 - (11) Revised contract amount
- e. The Critical Path Method (CPM) shall consist of a diagram, a tabulated schedule and a written narrative of the activities displayed.
 - (1) For the diagram, the "activity-on-arrow" format for arrow diagrams or the "activity-on-mode" format for precedence diagrams shall be used. It shall include the following:
 - i. A time scale to graphically show the percent of work scheduled for completion by any given date during the contract time.

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- ii. The activities shall be work activities, not contract pay items. Nevertheless, they shall be defined and related to the corresponding contract pay items. Activities shall be identified by location, units or work areas. If the activity is not continuous, it shall be shown by an interruption in the corresponding bar.
- iii. Permits, endorsements, coordination with governmental and private agencies or entities required to start or finish an activity.
- iv. The sequence and interdependence of all activities including permits, endorsements, coordinations, submittals, submittal reviews, fabrication and delivery.
- v. All activity nodes, activity descriptions and durations.
- vi. All network dummies (on arrow diagrams only).
- vii. The critical path.

(2) The tabulated schedule shall include:

- i. Activity beginning and ending node numbers for arrow diagrams.
- ii. Activities lead or lag times for precedence diagrams.
- iii. Activity duration.
- iv. Activity description.
- v. Early start and finish dates.
- vi. Late start and finish dates.
- vii. Status (critical or not)
- viii. Total float

f. Written narratives for CPM shall include the following:

- (1) A description of the logistics of the work and the basic general schedule of the project including the type and quantity of equipment and labors to be used, with emphasis on critical activities and on the strategies considered to achieve the complete construction of the project within the contracted time frame.
- (2) An estimated of any periods during which an activity will be idle or partially idle showing the beginning and end dates or idle time.
- (3) Expected and critical delivery dates for equipment or materials that can affect timely completion of the project.
- (4) A description of critical completion dates for maintaining the progress schedule.

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- (5) An identification of the vendor, supplier, or subcontractor performing the activity. Include all assumptions made in the scheduling for subcontractor's or supplier's work.
- g. No time extensions will be granted unless a revised progress schedule is approved by the Authority.
- h. Complying with all the requirements under this section will not be measured directly for payment but shall be a subsidiary obligation of the Contractor with its costs included under the pay items included in the proposal schedule