

SECTION 01310

PROGRESS SCHEDULE AND REPORT

PART 1 – GENERAL

1.01 DESCRIPTION OF WORK

- A. A Progress Schedule shall be submitted to the County for approval within ten (10) calendar days after Notice to Proceed. The schedule shall include sequence and dates of construction operations for all major stages of work, order and delivery of materials and equipment, and a time of completion of less than or equal to 120 calendar days. Changes in the approved schedule will not be allowed without written order. If the construction progress does not adhere to the schedule, as approved or revised, measures shall be taken to make up for lost time so completion of the work is in accordance with the schedule.
- B. Procedures for preparation and submittal of construction progress schedules and periodical updating.

1.02 FORMAT

- A. Progress schedules shall be accomplished by a program, which develops a Critical Path giving data similar and equivalent to PRIMAVERA “Sure Trak” or Microsoft Project.
- B. Content: Identify for each major and minor construction stage, portion of work or operation, with initial start dates and durations. The critical path shall be indicated on the network together with the cumulative number of calendar days to complete the project.
- C. Sequence of Listing: The chronological order of the start of each item of work.
- D. Cost Data: Include a cost estimate for each activity, based on and compatible with the project Bid Quantity line items.
- E. Scale and Spacing: To provide for notations and revisions.
- F. Sheet Size: Minimum 11 x 17 inches.

1.03 CONTENT

- A. Show complete sequence of construction by activity, with dates for beginning and completion of each element of construction including dewatering, ECW installation, excavation, fill, Landfill Gas Header System installation, liner subgrade completion, liner component installations, leachate pump station, force main, electrical conduit, substantial completion, final completion, County holidays, and any weekdays the Contractor will not be scheduled to work.
- B. Each event or note of the network shall be uniquely numbered and each activity shall be labeled with a suitable description together with an estimate of the number of working days required for the activity.
- C. With the approved network, the Contractor shall submit two (2) copies of each of two (2) different tabulations giving the type of information: Starting Node, Ending Node, Duration in working days, Description, Earliest Start, Earliest Finish, Latest Start, Latest Finish, Total Float, Free Float.

- D. One tabulation shall be a listing of activities in order of ascending starting node numbers. If there is more than one activity with the same starting node number, than all such activities shall be listed in order of ascending ending node numbers. The second tabulation shall be a listing of all activities in order of ascending "latest starts" as related to the start of the Project. If there is more than one activity with the same "latest start," all such activities shall be listed in order of ascending node numbers.
- E. Show accumulated percentage of completion of each item, and total percentage of work completed, as of the first day of each month.
- F. Computer services, if used to process the tabulation, shall be furnished by the Contractor.

1.04 REVISIONS TO SCHEDULES

- A. Indicate progress of each activity to date of submittal, and projected completion date of each activity.
- B. Identify activities modified since previous submittal, major changes in scope, and other identifiable changes.
- C. Provide narrative report to define problem areas, anticipated delays, and impact on schedule. Report corrective action taken, or proposed, and its effect, including effect of changes on schedule of separate contractors.
- D. If in the opinion of the Engineer, the Contractor falls behind in scheduled progress, the Contractor shall take steps as required to improve their progress and shall submit their revised network diagram, tabulations, and operational plans to demonstrate the manner in which the lost progress will be regained, all without any time loss or additional cost to the County.
- E. Lack of satisfactory progress, as adjusted by the Engineer, shall be considered grounds for the withholding of payment until necessary changes have been made.
- F. If the Contractor fails to meet scheduled milestones, the County may request weekly schedule updates.

1.05 SUBMITTALS

- A. Submit preliminary outline schedules within 10 days after Effective Date of the Agreement for coordination with work of separate contracts. After review, submit detailed schedules within 10 days, modified to accommodate revisions recommended by the County.
- B. Submit revised progress schedules and progress site photographs with each application for payment.
- C. Submit number of opaque reproductions, which Contractor requires, plus three copies retained by the County.

PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION (NOT USED)

END OF SECTION

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