1 GENERAL

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1. This section details the Contractor's responsibilities in preparation, submission and maintenance of construction schedules with form and requirements for periodic revisions.

.2 REQUIREMENTS INCLUDE

1. Schedule, form, content.
2. Stages/Phased Construction.
3. Schedule Revisions.
4. Weekly schedule updating.

.3 RELATED REQUIREMENTS

1. Section 01 77 00 - Project Closeout.

.4 SCHEDULES REQUIRED

1. Submit the following schedules:
    1. Construction Progress Schedule
    2. Weekly Schedule and Manpower Loading
    3. Submittal Schedule for Shop Drawings and Product Data and Samples
    4. Product Delivery Schedule if applicable

.5 SUBMITTALS SCHEDULE

1. Include schedule for submitting shop drawings, product data, and samples. Co-ordinate with Section 01 33 00 requirements. Incorporate into Preliminary Progress Schedule and Weekly Schedule updates.
2. Indicate dates for submitting, review time, resubmission time, float time, and last date for meeting fabrication schedule.
3. Include dates when SUBMITTALS and delivery will be required for the Owner-furnished products if applicable.
4. Include dates when reviewed submittals will be required from the Consultant.

.6 PRODUCT DELIVERY SCHEDULE

1. Include dates for delivery of products specified in Section 01 21 00 - Allowances, if applicable.
2. Include dates for products furnished by Owner, if applicable.
3. Submit a schedule of required equipment order dates and delivery dates for products and/or assemblies which involve insignificant production time or fabrication time and/or will significantly affect the project schedule if not available when needed.

.7 CONSTRUCTION PROGRESS SCHEDULE

1. Submit a bar-chart progress schedule a minimum of seven (7) days before first progress application for payment.

2. On schedule indicate a time bar for each major construction activity to be performed at the site, properly sequenced and co-ordinate with other activities of work. Itemize activities in sufficient detail that no one bar exceeds two months in duration (separate long running trades such as Masonry into Logical Sub-Sections). Allow sufficient space below planned time bar for another time bar to record actual progress. Provide identification of critical path activities and linkages.

3. Show dates for commencement and completion of all activities. Estimate duration period and float (contingency) time for each activity.

4. Show projected percentage of completion for each activity as of the date of submission of monthly progress payment applications and/or to the date of submission of schedule when requested.

5. Indicate actual progress of each activity to date of submission of schedule. Indicate current status of all activities to date of submissions of schedule by showing where behind, on or ahead of planned schedule.

6. Show changes occurring since previous submission of schedules:

    1. Major changes to scope

    2. Activities modified since previous submission

    3. Revised projections of progress and completion

    4. Other identifiable changes.

7. Confirm commencement, duration and completion dates of all activities with subcontractors, subtrades and suppliers.

8. Deliver to the Consultant, at the end of each calendar month with progress application a project status report derived from evaluation of Schedule.

9. Include in this report updated schedule together with such supporting narrative and such graphical presentations necessary to clearly outline the progress of Work, areas of current and anticipated problems, effect of changes on schedules of major trade subcontractors and proposed corrective action.

.8 STAGED/PHASE CONSTRUCTION

1. Prepare and submit sub-schedules for each separate stage of Work when pertinent to the project.

2. Provide sub-schedules to define critical portions of prime concern to master schedule.

3. Describe start and stop, float time and affected other work.

.9 WEEKLY SCHEDULE UPDATE AND MANPOWER LOADING

1. Use the Construction Progress Schedule as a basis for reporting on a weekly basis the complete status of construction progress, scheduled activities and manpower loading on the project.

2. There will be an Owner/Consultant/General Contractor/Trade Contractor meeting every

second week to review the project status. Provide a detailed 2 week work schedule (based upon the Construction Progress Schedule) outlining work activities and manpower requirements planned for that period.

3. Identify current and anticipated problems and delays with respect to the past work period the effects of said problems on the overall schedule and proposed corrective measures.

4. Submit to the Consultant two days prior to site meetings (every second week) the following:

    1. Updated Construction Progress Schedule.

    2. Outline of anticipated work activities for the forthcoming period.

    3. Outline of required and/or anticipated manpower levels (by trade) for the forthcoming period.

    4. Problems or delays experienced and/or anticipated.

    5. Proposed corrective measures to react to problems or delays.

End of Section 01 31 10