

Part 1 General

1.1 RELATED REQUIREMENTS

- .1 Section 01 11 01 – Work related general information.
- .2 Section 01 14 00 – Work restrictions

1.2 DEFINITIONS

- .1 Activity: element of Work performed during course of Project. Activity normally has expected duration, and expected cost and expected resource requirements. Activities can be subdivided into tasks.
- .2 Bar Chart (GANTT Chart): graphic display of schedule-related information. In typical bar chart, activities or other Project elements are listed down left side of chart, dates are shown across top, and activity durations are shown as date-placed horizontal bars. Generally Bar Chart should be derived from commercially available computerized project management system.
- .3 Baseline: original approved plan (for project, work package, or activity), plus or minus approved scope changes.
- .4 Construction Work Week: Monday to Saturday, inclusive, will provide six day work week and define schedule calendar working days as part of Bar (GANTT) Chart submission.
- .5 Duration: number of work periods (not including holidays or other nonworking periods) required to complete activity or other project element. Usually expressed as workdays or workweeks.
- .6 Master Plan: summary-level schedule that identifies major activities and key milestones.
- .7 Milestone: significant event in project, usually completion of major deliverable.
- .8 Project Schedule: planned dates for performing activities and the planned dates for meeting milestones. Dynamic, detailed record of tasks or activities that must be accomplished to satisfy Project objectives. Monitoring and control process involves using Project Schedule in executing and controlling activities and is used as basis for decision making throughout project life cycle.
- .9 Project Planning, Monitoring and Control System: overall system operated by contractor to enable monitoring of project work in relation to established milestones.
- .10 Critical path: Sequence of activities that determines the duration of the project.

1.3 REQUIREMENTS

- .1 Ensure Master Plan and Detail Schedules are practical and remain within specified Contract duration.
- .2 Plan to complete Work in accordance with prescribed time frame, from notice of acceptance of offer to the end of the work.

- .3 Limit activity durations to maximum of approximately 10 working days, to allow for progress reporting.
- .4 Ensure that it is understood that Award of Contract or time of beginning, rate of progress, Interim Certificate and Final Certificate as defined times of completion are of essence of this contract.

1.4 ACTION AND INFORMATIONAL SUBMITTALS

- .1 Provide submittals in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Submit to Departmental Representative within fifteen (15) working days after reception of notice of acceptance of offer, a Bar Chart will serve as Master Plan and will be used for planning, and monitoring.
- .3 Submit Project Schedule to Departmental Representative within five (5) working days of receipt of acceptance of Master Plan.

1.5 MASTER PLAN

- .1 Structure schedule to allow orderly planning, organizing and execution of Work as Bar Chart (GANTT).
- .2 Departmental Representative will review and return revised schedules within five (5) working days.
- .3 Revise impractical schedule and resubmit within five (5) working days.
- .4 Accepted revised schedule will become Master Plan and be used as baseline for updates.

1.6 PROJECT SCHEDULE

- .1 Develop detailed Project Schedule derived from Master Plan.
- .2 Ensure detailed Project Schedule includes as minimum milestone and activity types as follows:
 - .1 Award.
 - .2 Shop Drawings, Samples.
 - .3 Permits.
 - .4 Mobilization and site organization.
 - .5 Demolition of asphalt at the chainings (0+015 to 0+120).
 - .6 Excavation at the chainings (0+015 to 0+120).
 - .7 Stone production in quarry.
 - .8 Delivery of stone and temporary storage.
 - .9 Excavation and disposal of contaminated of soils (ch, 0+015 to 0+120).
 - .10 Sorting round natural stones (400 to 1000 mm) to reuse / ch. 0+015 to 0+120.
 - .11 Demolition reinforced concrete – chainings (0+120 to 0+355).
 - .12 Excavation – chainings (0+120 to 0+355).
 - .13 Sorting round natural stone (400 to 1000 mm), and of the part of stone 8-12 t and 5-8 t. to reuse.
 - .14 Excavating and disposal of contaminated soils (ch. 0+120 to 0+355).

- .15 Demolition reinforced concrete and steel – chainings (0+355 to 0+434).
- .16 Excavation – chainings (0+355 to 0+434).
- .17 Put in place new stones – all categories.
- .18 Excavation and disposal contaminated soils – (ch. 0+355 to 0+434).
- .19 Characterization of soils – cells 1-2-3-4 and in the approach.
- .20 Demolition reinforced concrete and steel (cells 6 to 8 and dolphin).
- .21 Excavation – chainings (0+434 to roundhead).
- .22 Land development.
- .23 Shoreline protection.
- .24 General cleaning.
- .25 End of project.

1.7 PROJECT SCHEDULE REPORTING

- .1 Update Project Schedule once in a week, reflecting activity changes and completions, as well as activities in progress.
- .2 Include as part of project schedule, narrative report identifying work status to date, comparing current progress to baseline, presenting current forecasts, defining problem areas, anticipated delays and impact with possible mitigation.
- .3 Provide to Departmental Representative an update copy of the schedule two days before each site meeting or at the request of the Departmental Representative.

1.8 PROJECT MEETINGS

- .1 Discuss Project Schedule at regular site meetings, identify activities that are behind schedule and provide measures to regain slippage. Activities considered behind schedule are those with projected start or completion dates later than current approved dates shown on baseline schedule.
- .2 Weather related delays with their remedial measures will be discussed and negotiated.

Part 2 Products

2.1 NOT USED

- .1 Not used.

Part 3 Execution

3.1 NOT USED

- .1 Not used.

END OF SECTION