



SECTION 16 – MOBILIZATION - DEMOBILIZATION**16-1 GENERAL**

Mobilization shall consist of obtaining all required insurance, bonds and permits; preparatory work and operations necessary for the movement of personnel, equipment, supplies, and incidentals to the project site; preparation of a construction schedule; furnishing and erecting field offices, laboratory, batch plants, and other facilities necessary for work on the project; badging and training of flaggers, escorts, gate guards and other employees as specified herein; and all other work which must be performed or cost incurred prior to beginning work on the various contract items at the project site.

A. Principal Items of Mobilization

Mobilization shall include the following principal items:

- (1) Insurance as required by Subsections 7-3 and 7-4 of these specifications.
- (2) Bonds as required by Subsection 2-4 of these specifications.
- (3) Permits for this project, including **[Building Permits,] [Electrical Permits,] [CalTrans permits,] [water use permits,] [FAA 7460-1 permit,]** and as otherwise required by Subsection 7-5 of these specifications.
- (4) The schedule of costs breakdown of the Bid as required in Subsections 9-2 and 19 of these Specifications.
- (5) The Contractor's approved Baseline Construction Schedule as required by Section 19.
- (6) Contractor's Operation and Storage Yard (Staging Area), including the complete installation of all field offices and laboratories**[, with utilities, [fencing and gates], [anti-tracking plates,]**and supplies as required by Subsections 8-2 and 8-3 of these specifications.
- [(7) Installation of [multiple] [concrete batch] [asphalt batch] [crusher] plants and all appurtenances necessary for fully functional facilities of adequate combined capacity to meet project production needs.]**
- (8) Moving onto the Site all equipment required for the first thirty (30) days of construction.
- (9) Posting all required OSHA notices and establishing on-site safety programs.



(10) Submittals of Shop and Coordination Drawings and Job Mixes for the first thirty (30) days of construction.

(11) Security badging and training of all [flaggers,] [gate guards,] [escorts] [and other] employees [and subconsultants][, including any escort training,] [driver's training] [and insurance for vehicles] as required for the first thirty (30) days of construction.

[(12) Procurement and transport of long lead construction materials to the job site.]

[(13) Procurement of barricades, flag lines and fences as depicted in the construction drawings.]

[(14) Pre-demolition work.]

[(15) Pre-construction work.]

B. Demobilization

Demobilization shall include removal of construction facilities, including all utilities, and equipment off the Site and final cleanup of the Site after completion of the Project.

16-2 METHOD OF MEASUREMENT

["Mobilization – Demobilization" will be measured as a complete item for payment when requirements of Section 16-1A and 1.1B are completed. Ninety percent (90%) of the unit price will be paid when the principal items described in Items 16-1.1A above have been completed so that work can commence on other pay items. The balance will be paid when the items listed in paragraph 16-1.2 are complete.]

["Mobilization - Insurance, Bonds, Permits" will be measured as a complete item for payment when Items 1, 2, and 3 of Section 16-1.1.A are completed.]

["Mobilization - Plants, Batch and Crushing" will be measured as a complete item for payment when Item 7 of Section 16-1.1A is completed.]

["Mobilization - Field Offices and Contractor Site Improvements" will be measured as a complete item for payment when Items 6, 8, 9 and 11 of Section 16-1.1A are completed. 25% of the contract lump sum bid amount will be paid when the office and site improvements are in place and accepted. The remaining 75% will be prorated and paid over the course of the project schedule.]

["Mobilization - Scheduling and Cost Breakdown Submittals" will be measured as a complete item for payment when Items 4 and 5 of Section 16-1.1A are completed.]



["Mobilization - Job Mix and Shop Drawing Submittals" will be measured as a complete item for payment when Item 10 of Section 16-1.1A is completed.]

16-3 BASIS OF PAYMENT

Payment for mobilization will be made when the items described above, have been completed.

The right is reserved to require submittal of invoices, receipted bills, payrolls, and other appropriate documents to justify any or all payment under this item. When contract items are altered as provided in the Standard Specifications, no additional mobilization costs will be allowed.

Payment will be made under:

- [Bid Item 16.1 Mobilization – Demobilization..... per lump sum]
- [Bid Item 16.1 Mobilization - Insurance, Bonds, Permits..... per lump sum]
- [Bid Item 16.2 Mobilization - Plants, Batch and Crushing..... per lump sum]
- [Bid Item 16.3 Mobilization - Field Offices and Contractor Site Improvements per lump sum]
- [Bid Item 16.4 Mobilization - Scheduling and Cost Breakdown Submittals per lump sum]
- [Bid Item 16.5 Mobilization - Job Mix Formulae Laboratory Work and Submittals..... per lump sum]

END OF SECTION 16



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