

SECTION 01 21 53

MOBILIZATION / DEMOBILIZATION ITEMS

PART 1 - GENERAL

1.1 SUMMARY OF WORK

- A. This Specification Section outlines the Contractor's responsibilities for both mobilization and demobilization.
- B. The work under the Mobilization Bid Item consists of preparatory work including, but not limited to, work necessary for the mobilizing and furnishing at the site, equipment, materials, supplies and incidentals; for the establishment of all offices, buildings and other temporary facilities necessary for work on the project; cost for pre-paid bonds and insurances; and for all other work and operations which must be performed or costs incurred to begin work on the various Bid Items at the project site. It is inclusive of all work in Sections 01 35 45 Health and Safety Criteria, Section 01 35 49 Minimum Environmental Procedures, Section 01 35 50 Additional Environmental Procedures, 01 41 00 Regulatory Requirements, 01 57 13 Stormwater controls, 02 81 10 Environmental Management of Excavated Materials, and 31 23 19 Dewatering. Compensation for mobilization includes, but is not limited to, the following principal items:
 - 1. Permits: Refer to Section 00 73 00 - Supplementary Conditions; including Bureau of Street Use and Mapping (BSM) Excavation Permit and Bureau of Urban Forestry (BUF) Tree Removal or Relocation Permit.
 - 2. Moving onto the site of all Contractors' equipment required for operations.
 - 3. Installing temporary construction power and wiring.
 - 4. Developing and installing construction water supply.
 - 5. Providing all on-site communication facilities, including telephones.
 - 6. Providing on-site sanitary facilities and potable water facilities.
 - 7. Arranging for and erection of Contractor's work and storage yard(s), and installation of temporary construction fence.
 - 9. Obtaining and paying for all required bonds and insurances including the bond required by Article 2.4 of the Public Works Code.
 - 10. Posting all OSHA-required notices and establishing safety programs.
 - 11. Having the Contractor's superintendent at the job site full time, whenever construction is in progress.
 - 12. Submitting a Schedule of Values in accordance with Section 01 29 73 – Schedule of Values.
 - 13. Preparation of plan and schedule for work affected by operations and events as required by Section 01 31 13 – Project Coordination.

14. Submitting preconstruction submittals, including Construction Schedule as specified in Section 01 32 16 – Construction Progress Schedule.
15. Photographic or video documentation of existing historic details prior to demolition as required by Section 01 32 33 – Photographic Documentation.
16. Developing, submitting, implementing, maintaining, and enforcing of a site-specific health and safety program and Injury and Illness Prevention Program (IIPP), designating a Project Safety Representative (PSR), and preparation of all submittals required as Section 01 35 45 Health and Safety Criteria.
17. Complying with Section 01 35 48 – Additional Clean Construction Requirements and preparation of all submittals required.
18. Complying with the Minimum Environmental Procedures – Refer to Section 01 35 49 and Additional Environmental Procedures – Refer to Section 01 35 50
19. Complying with regulatory criteria as per Section 01 41 00 – Regulatory Requirements.
20. Fabrication and erection of Project Signs as required by Section 01 50 00 – Temporary Facilities and Controls.
21. Complying with all applicable Federal, State, and local regulations in regards to Stormwater Pollution Prevention Controls, Stormwater Best Management Practices (BMP's), and erosion and sediment controls as per Section 01 57 13.
22. Implementation of all mitigation measures as per Section 01 57 19 / 01 57 30 – Environmental Mitigation Measures and preparation of all submittals required in this Section.
23. Conducting the pre-construction property survey required by Section 01 71 33 – Protection of Adjacent Construction.
24. Excavating, handling and management of site contaminated and hazardous soils, groundwater and storm water controls, environmental mitigation controls, imported backfill, and preparation of all submittals as required by Section 02 81 00 / 02 81 10 – Environmental Management of Excavated Materials.
25. Preparation of Dewatering as required by Section 31 23 19.
26. Complying with Section 33 24 00 - Groundwater Wells and preparation of all submittals required in this Section.
27. Determining and complying with all applicable health and safety requirements in accordance with applicable laws, rules, and regulations. The Contractor's responsibility for the health and safety, training, personal protective equipment (PPE), and monitoring and protection from exposure risks of its employees and subcontractors, as per federal, state and local statutes, laws and regulations.
28. Complying with the applicable provisions of current laws, regulations, codes, safety rules, and permits of the City and County of San Francisco, the State of California, the Federal Government, governing utility districts, and any other applicable authorities having jurisdiction over construction and completion of the Work, including but not limited to, the State Fire Marshall, Cal/OSHA and the

State Construction Safety Orders, and the California Labor Code. Complying with regulatory criteria as per Section 01 41 00 Regulatory Requirements.

29. Handling and management of site contaminated and hazardous soils, mandatory training in HAZWOPER, Cal/OSHA Asbestos Class II asbestos operations, Silica, and other environmental training and preparation of all submittals as required by Section 02 81 10.

C. Demobilization work shall include, but not be limited to, the following principal items:

1. Demobilizing and removal of the Contractor's facilities and equipment.
2. Removing all project signs from project site, and removing all construction area signs, traffic handling and detour signs, and temporary traffic control devices from project vicinity.
3. Removing all temporary construction facilities and other equipment and utilities from the site as Contractor's property within fourteen (14) calendar days after Final Completion. Cleanup of all debris and restoring the site as specified.
4. Furnishing all required equipment installation certification forms, warranty documents and Operations and Maintenance (O&M) data and manuals and spare parts, special tools and keys.
5. Complying with all applicable Cal/OSHA training requirements including the OSHA Certified 30-Hour Construction Training for the Project Safety Representative (PSR).
6. Performing and submitting all manufacturer installation checkouts.
7. Furnishing all information and completing all forms required by the San Francisco Contract Monitoring Division (CMD).
8. Reconcile any outstanding payroll issues with the Office of Labor Standards Enforcement (OLSE).
9. Reconcile any outstanding local hire issues with Office of Economic and Workforce Development (OEWD).
10. Preparing and submitting all final documents, including certified payroll, and other records of payments to suppliers and subcontractors, and lien releases/claims waivers required to close the contract within the time requirements.
11. Furnishing the Contractor's Final Updated Construction Drawings (Record Drawings).
12. Finishing all punch list work within the time requirements.
13. Furnishing all post-construction pipeline TV DVDs and logs.
14. Performing final site cleanup and restoration as required.
15. Providing signoffs from affected property owners and permitting agencies confirming that their requirements have been met.

16. Completing all specified close-out requirements per Specification Section 01 77 00 – Closeout Procedures.
17. Requesting final payment.

1.2 RELATED SECTIONS

- A. Section 01 33 00 – Submittal Procedures
- B. Section 01 50 00 – Temporary Facilities and Controls
- C. Section 01 77 00 – Closeout Procedures

1.3 SUBMITTALS

- A. Contractor shall submit drawings to scale indicating materials, details, and calculations for all permits in a format as required by the San Francisco Department of Public Works.

1.4 PAYMENT PROCEDURES

- A. Payment for “Mobilization” shall be the fixed amount shown in the Schedule of Bid Prices and will be paid as a lump sum payment over the course of the project based on a percentage of completion.

<u>Percentage Bid Item</u> <u>Mobilization</u>	<u>Percentage Project</u> <u>Completion</u>
25%	2%
50%	5%
75%	10%
100%	20%

- B. The retention of funds provisions in Paragraph 9.06 – Withholding Payment of the General Conditions apply to the sum of all the contract work done, including that under the Schedule of Values Bid Items “Mobilization & Demobilization.”
- C. Any extension of the contract time that may be granted will not of itself constitute grounds for a claim for additional payment.
- D. Payment for “Demobilization” shall be the fixed amount shown in the Schedule of Bid Prices and will be paid upon completion of all items specified in section 1.1.C. No partial payments for demobilization will be made.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION