

## **SECTION 01 21 50**

### **MOBILIZATION ITEM**

#### **PART 1 – GENERAL**

##### **1.01 SUMMARY**

- A. This Specification Section outlines those responsibilities of the Contractor that are scheduled to be performed for both mobilization and demobilization.
- B. The Contractor shall be fully compensated in the fixed amount indicated in Section 00 41 10 for “Mobilization” and “Demobilization” upon completion of the applicable items listed in Article 1.02.C and 1.02.D of this Section, respectively.
- C. Related Sections:
  - 1. Section 00 41 10 – Schedule of Bid Prices
  - 2. Section 00 72 00 – General Conditions
  - 3. Section 01 11 00 – Summary of Work
  - 4. Section 01 31 00 – Project Management and Coordination
  - 5. Section 01 32 16 – Construction Progress Schedule
  - 6. Section 01 33 00 – Submittal Procedures
  - 7. Section 01 52 13 – Field Office
  - 8. Section 01 71 33 – Protection of Adjacent Construction
  - 9. Section 01 77 00 – Closeout Procedures

##### **1.02 CONTRACTOR’S RESPONSIBILITIES**

- A. Mobilization shall include the obtaining of permits (exclusive of actual permit fee payments), preparing and furnishing specified submittals, moving onto the Site all equipment necessary for the Work; furnishing and erecting plants, temporary buildings, and other construction facilities; and implementing security requirements; all as required for the proper performance and completion of Work.
- B. Prior to the mobilization of all plant, equipment, offices or temporary facilities to the Site, the Contractor and City Representative shall jointly perform a site survey of the existing conditions per the requirements of Section 01 71 33.
  - 1. The survey shall include but not be limited to:
    - a. Photographs duly annotated.
    - b. Sketches, measurements and notes.
    - c. Areas which are to be disturbed and restored.
    - d. Adjacent properties.
    - e. Condition of streets and access route to the site.

- f. Trees, shrubs, lawns, walks, pavement, roadways, structures or signs, and utilities not indicated to be removed, relocated and replaced.
  - g. Mobilization items requiring physical work at the construction site shall not proceed until the site survey has been completed.
- C. Mobilization shall include, but not be limited to, the following principal work items:
  - 1. Attend pre-construction meeting.
  - 2. Sign all Contract Documents necessary to proceed.
  - 3. Submit pre-construction submittals, including construction schedule, submittal schedule, joint survey to establish authenticity of possible claims, schedule of values, and others as specified.
  - 4. Mobilizing and moving onto site the Contractor's equipment, tools, materials and labor required for the first sixty days of work.
  - 5. Assigning the Contractor's Project Manager and/or Project Superintendent, and the Contractor's Site Safety Representative to be present at the Project site full time, following Notice to Proceed.
  - 6. Obtaining and paying for all required insurance and bonds.
  - 7. Installing temporary construction power, wiring, and lighting facilities.
  - 8. Developing and installing construction water supply, including fire protection system, and paying any required deposit.
  - 9. Providing field offices for Contractor including all furnishings as specified in Section 01 52 13.
  - 10. Providing on-site sanitary facilities and potable water facilities.
  - 11. Arranging for and erection of any Contractor's work and storage yard and off-site parking.
  - 12. Posting all OSHA-required notices and establishing safety programs as defined in Contractor's Cal-OSHA approved Safety Program.
  - 13. Performing and documenting joint survey of existing conditions, if required by other portions of the Contract Documents.
  - 14. Fabricating and erecting project signs, construction area signs, traffic handling and detour signs, and temporary traffic control devices.
  - 15. Providing submittal of the Contractor's Site-Specific Health and Safety Plan.
  - 16. Preparing all plans and training required by Section 01 41 00 that are required prior to Work beginning on the site.
  - 17. Providing onsite communication facilities, including telephones.
  - 18. Constructing and implementing safety and security features and requirements complying with SFPUC and Contractor safety and security programs.
  - 19. Time and labor associated with obtaining of permits, including actual permit fee payments, except for Excavation Permit fee which will be paid out under Cash Allowance Bid Item SW-39.

- D. Demobilization 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 including Contractor's and City Representative's field office 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. Performing all required training sessions.
  6. Performing and submitting all manufacturer installation checkouts.
  7. Furnishing all information and completing all formalities required by the San Francisco Contract Monitoring Division (CMD).
  8. Preparing and submitting all final documents, including certified payroll, and other records of payments to suppliers and subcontractors, and lien releases/claims waivers needed to close the contract within the time requirements.
  9. Furnishing the Contractor's Final Updated Construction Drawings (Record Drawings).
  10. Finishing all punch list work within the time requirements.
  11. Furnishing to the City post-construction pipeline TV DVDs and logs.
  12. Performing final site cleanup and restoration as required.
  13. Providing signoffs from affected property owners and permitting agencies confirming that their requirements have been met.
  14. Completing all specified close-out requirements.
  15. Requesting final payment.

### **1.03 PAYMENT PROCEDURES**

- A. The retention of funds provisions of Article 9 of the General Conditions shall apply to the sum of all the Contract Work completed, including that under the Bid Item "Mobilization".
- B. Any extension of the Contract Time that may be granted shall not of itself constitute grounds for a claim for additional payment under the Bid Item "Mobilization".
- C. Payment for "Mobilization" shall be the fixed amount shown in the Schedule of Bid Prices.
- D. Items of Demobilization work not completed by the Contractor or not satisfactorily completed will have one and one half times their value (as determined by the City Representative) withheld from the final payment.

#### **1.04 PROJECT-SPECIFIC REQUIREMENTS**

- A. The City reserves the right, in case the Contractor defaults on the contract, to retain and use, or have used the Contractor's plant, equipment, tools materials and other property for, and until, completion of the work.

**PART 2 – PRODUCTS (Not Used)**

**PART 3 – EXECUTION (Not Used)**

**END OF SECTION**