Site Logistics Plan – WAM/MM

Prior to the start of the overall project, the team headed by McCarthy Building Companies will be implementing the below listed Logistics Plan:

A Mitigation of construction noise, vibration dust, traffic controls, etc. affecting the surrounding facilities.

- Phase 1- Decant Measures for U. C. Hall Temporary Occupancy (not in scope)
  - UCSF will remove existing bus stop adjacent to U. C. Hall
  - Covered Egress gates in same area
  - Gated access to new staging area and dumpster / truck delivery area (Items 1-5 and 10-12 of bid documents logistics plan)
  - There are established entrances for pedestrian and material traffic into U. C. Hall. There is also rear access to the hall with prior application to and approval from UCSF.
  - During the CSB Seismic Renovation, there will be pedestrian circulation both north and south of the Construction Laydown Area that will provide access and egress to the School of Nursing. These areas must remain clean at all times.

- Deliveries and Parking
  - Noise & Traffic Controls
    - Work hours and work periods will be restricted to 8am-7pm (Monday to Friday) and 9am-7pm (Saturday). All non-conforming work hour requests are subject to UCSF approval in advance.
    - UCSF Noise restrictions will be strictly enforced and stressed during the weekly construction meetings.
  - Deliveries
    - Large Trucks, such as tractor trailers, are not permitted on the published Truck Route Plan (Document M2615 dated 6-18-2014). Mid-sized to medium sized stake or flat-bed trucks will be utilized to transport tools and materials. Boxed trucks not requiring cranes for unloading may be used to transport materials.
    - Deliveries to the site shall be 7am-9am and 4pm-6pm. These earlier delivery window is outside of the normal work time and must be coordinated with McCarthy. To facilitate this coordination, McCarthy requires a 72 hour Material Delivery Request (Exhibit F-F3 dated 6-16-2014 of the bid documents) be turned in prior arrival on site. It is imperative that this be executed correctly and timely. A direct consequence of procedural failure would be critical material being turned away.
Parking

- There is limited onsite parking at the time of bid. Currently discussions are on-going between the team members and UCSF with respect to a possible designated remote parking and a shuttle bus occurring post bid. However, at bid time Western Allied Mechanical (WAM) has provided sufficient monies for use of the BART system, car pools and limited remote parking.

Post bid, this will be further developed with McCarthy Companies to ensure sufficient workers arriving on time for work. It is further understood that there will be limited minimal parking for Trade Project General Foreman at the Construction Laydown area behind U.C. Hall and adjacent to the School of Nursing Building.

B Planned equipment utilization and staging locations

- Equipment
  - A forklift / grade-all will be used for the majority of the loading and unloading of transport trucks for all stages of the work.
  - A Tower Crane will be utilized by McCarthy to unload and to place material and equipment inaccessible by fork lift.
  - McCarthy Bid Document Exhibit F-F1 Site Logistics map clearly indicates the tower crane radius and lifting weight restrictions. This document also indicates where proposed hoisting bays and man lifts are to be located. It is understood that these locations will be finalized between the team members during the pre-construction or design phased of the project.
  - The Western Allied Team shall procure and deliver equipment within the documented lift capacities and opening dimensions.

- Staging Area
  - There is a limited amount of site staging area, in acknowledgement of this, the Western Allied Team (WAM) shall endeavor to deliver and stage the amount of material scheduled to be erected or installed during the next two (2) construction days. To facilitate this goal, WAM shall maximize the allowable off site pre-fabrication and transport the product to site in mobile containers. The tower crane and lifts will be utilized to load the work space with material and remove expended cages. Final details of stocking of floors will be collaborative effort between all the stake holders during the design phase. This will ensure proper execution and choreography during the construction phase.
C Site Logistics

- It is acknowledged that the CSB Seismic Renovation Project is part of a UCSF Building program that is inclusive of twelve individual Construction Projects that may be concurrently in various stages of construction and fabrication. This means that delivery vehicles, visitor vehicles and materiel must be contained to minimum sizes. WAM shall endeavor to ensure that all site vehicles are clean and in good repair so as not to leave any vegetative and foreign debris on the vehicle path.

- Our Jobsite project office shall be located in an area as designated by McCarthy Building Companies. This office shall be provided with phone, and computer communication capabilities. All WAM controlled Emergency Response supplies and equipment shall be located at that location.

- Temporary Utilities
  - Temporary Utilities shall be provided by McCarthy Building Companies. WAMT may be asked to provide assistance with the connection of those utilities that are normally under sphere of influence.
  - Welding machines will be powered by their own portable generators and shall have working mufflers attached.
  - All welding or flame cutting activities will have fire extinguishers at the local work area. (Further detailed information will be included in WAMT Site Specific IIPP Plan)
  - Toilet Conveniences will be provided and maintained by McCarthy Building Companies. It is assumed that no existing and working building services shall be considered or used.
  - Materials stored on site that may be damaged by weather, shall be maintained or protected against weather damage.
  - Dust Control of the site shall be maintained by the McCarthy Building Companies. WAMT shall endeavor to keep clean on a daily basis its immediate work area. Debris and trash from the area shall be deposited in supplied dumpsters.
  - All potable for site workers will be provided from a potable water location or supplied by WAMT. This shall comply with the latest CAL-OSHA published guidelines.

D Removal of Temporary Construction Installations

- At the conclusion of WAMT participation in the project, the temporary construction installations and devices shall be dismantled and removed from the construction site. WAMT construction site shall be returned to McCarthy Building Companies in a condition and states so as to comply with McCarthy Building Companies commitments to UCSF.