

Pre-bid RFI Response Summary		
RFI #	QUESTION	Response
1	Is there a Geotechnical report available for the site?	No soils are required to be off hauled, any excess soils to be dispersed in landscaping. Any demolished concrete and/or asphalt to be off hauled.
2	Are there any soil analytics on the soil in the work area? If not how should we classify spoils for off-haul? (Class #?)	No soils are required to be off hauled, any excess soils to be dispersed in landscaping. Any demolished concrete and/or asphalt to be off hauled.
3	What will be the lay-down area for this project? Can we get that location on the campus map?	The District will be provide a 10X20 lay down area. To be coordinated with the District.
4	The contract completion time is 75 calendar days noted in 00 52 13. The procurement of this pre-insulated steam line will be much longer than that contract duration. Will there be a procurement window for this work followed by a 75 day execution period?	Contractor must select products and materials that can be furnished and installed within the 75 calendar day project duration. Factory fabricated and pre-assembled system is acceptable but not required.
5	Upon release of the steam lines for fabrication there will be no room for deviation in this system, as it will come pre-cut to length and engineered for the expansion and contraction required by the temperature of the system. Will there be any exceptions to the open trench limitations on this project to allow for staggering of the work to occur in the 75 day execution window? (per 33 6300 3.8 B <i>Backfilling must not commence until elevations have been surveyed and accepted and system has been satisfactorily pressure tested including hydrostatic testing of carrier pipes and air testing of casings.</i>)	Contractor must select products and materials that can be furnished and installed within the 75 calendar day project duration. Factory fabricated and pre-assembled system is acceptable but not required.
6	What are the operating pressures of the Steam and Condensate lines?	Operating pressure of steam supply line is approximately 100 psi, the condensate return is approximately 30 psi. Follow specifications for pipe steel grade, etc.
7	33 6300 3.15 H calls for radiographic testing of the welds by the contractor, and 33 6300 3.19 I has a note about both contractor and Owner engaging a testing firm. Can you please clarify the contract requirements for testing these systems? Will radiographic examinations be required? Who will hire the testing agency?	Testing firm will be procured and contracted by the District. Radiographic testing requirements as specified in the specifications.
8	Is backfilling of the open pit adjacent to Cloud Hall required?	Backfilling of existing open condition is not required, backfill any areas where new trenching occurs.
9	Can Cloud Circle be closed when we are trenching across the street ? The road is only 18' wide and it will be very difficult to work safely with traffic passing. If not can this work be performed at weekends ? Will a traffic plan be required ?	Cloud Circle must remain open during school hours. Roadwork to be staggered to maintain a traffic lane. Road closure may be available on weekends and off hours with ample notice to District. Contractor is responsible for a traffic and pedestrian plan.
10	Does the sign need to be salvaged and replaced ? (see sketch attached)	Campus map sign to be salvaged and reinstalled.
11	Does the ADA ramp need to be kept open during construction ? (see sketch attached)	Yes, all ADA ramps and access must be maintained for accessibility.
12	Does the concrete seat wall need to be replaced ? (see sketch attached)	Yes concrete seat wall adjacent to walkway to be replaced.
13	Can the area at the top of the stairs be closed during construction ?	A pedestrian path needs to be maintained throughout the duration of the project.
15	Does the street section have concrete street base below ? Do we need to T-trench when restoring ? Detail 2 shows AB	Follow typical details in Exhibit C.
16	For all concrete areas, do we just patch back the trench or we need to go to the nearest score joint ? Do we need to match the exposed aggregate concrete finish near Cloud Circle ?	For concrete, patch back to score joint. Concrete finish does not need to be matched.
17	Is a GPR / potholing required prior to performing any trenching work ?	Yes, potholing/ gpr/ hand digging is required before performing any trenching.
18	Will irrigation be turned off adjacent to the stairs ? Does the irrigation need to be replaced in kind ?	Irrigation will be shut off. Replace irrigation if damaged.
19	Will a staging area be provided ?	The District will be provide a 10X20 lay down area. To be coordinated with the District.

EXHIBIT A

Scope of Work

Furnish and install new underground high-pressure steam and condensate return pipe to replace the existing high pressure steam line between Cloud Hall and Creative Arts building at Ocean Campus.

Furnish and install approximately 275 feet of 6" high pressure steam steel pipe per specifications. Furnish and install approximately 275 feet of 4" condensate return steel pipe per specifications. Contractor to field verify existing pipe thickness, final pipe lengths and coordinate optimal pipe routing to avoid existing utilities and infrastructure. Contractor to maintain all ADA path of travel and existing utility lines. Provide required temporary structures such as trench plates, temp stairs, barricades, and temporary ramps to maintain vehicular and pedestrian traffic. Scope includes necessary insulation, banding, all pipe supports, corrosion resistance, fittings and weld fittings, anchors, indicator/warning tape, end seals and gland seals for a fully functional steam system from Cloud Hall to Creative Arts. Include hardscape, landscape, and asphalt restoration per suggested pipe routes. Contractor to assume shoring is required for any trenches through existing asphalt or concrete. Contractor to assume 3' coverage from finish grade to top of pipe.

Contractor to demolish last 5 feet of existing steam pipe outside of vault to allow for new connection points at Creative Arts vault and Cloud Hall vault existing connection points. New supply and return connection points to be located inside existing vaults.

Trenching to follow all trenching detail requirements per Exhibit C.

Verify field measurements prior to any fabrication.

ADDENDUM #2

Safe-off of existing high-pressure steam and condensate lines. Abandoned steam pipes should be backfilled with slurry cement conforming to Caltrans standard specifications.

Coordinate any deliveries to the jobsite, including receiving deliveries, all required handling and transportation, and necessary storage until installation.

Contractor is responsible for all labor, materials, equipment, required testing and coordination for all deliveries and rigging material to final installed location.

Contractor is responsible for field verifying all existing utility line routing, dimensions, and depths prior to any excavation. Contractor to hand dig around existing utilities. Coordinate location for new proposed piping before installation. Existing utility surveys are available for reference only in Exhibit D.

Perform work in accordance with ASME Section IX for welding materials and procedures. Submit required welding documentation and submittals.

All Submittals per specifications.

Contractor is required to furnish and install temporary protection per general conditions.