

# ADDENDUM NO. 2

Date: October 10, 2017

**RFQ &P for Districtwide Underground Utility Mapping & Condition  
Assessment Services**

**SOCCCD - BID No. 356D**

South Orange County Community College District

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General-All project documents including contract documents, drawings, and specifications, shall remain unchanged with the exception of those elements added, revised, deleted, or clarified by this addendum.

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## 2-1 Questions and Answers

Q1: Under the scope of work of the RFQ &P, phase one, Item No. 17, (page 15 of 40), it calls for “All mapped utilities will be tied to a campus benchmarks or baselines with distance and station.” Furthermore, items No. 18 - VII requires to “Establishing a campus centerline or baseline with distance and station.” (Page 16 of 40).

Please clarify Campus centerline? Of the private roads, or Set TBMs?

A1: Use College private street centerline monuments to establish the project horizontal control lines for the purpose of plotted site investigation. At this time, there is no scope to set any TBMs at either College; the District may consider in the future as part of the project allowance.

Q2: Under the scope of work of the RFQ &P, Phase one, Item No. 18 –I (page 15 of 40), it calls for a “Sufficient elevation to develop 15-foot contours.”

What is the existing contour interval use for Saddleback College? Will IVC Campus have a smaller contour interval? Perhaps 1-Ft. contour interval?

A2: Refer to the Topographic Survey Maps for Saddleback College prepared by Penco Engineering, Inc. dated 08/05/2014, that was issued as part of RFQ&P attachments package on September 21, 2017. 15-foot contour interval should be considered in your proposal fees. However, the final interval will be determined with the successful consultant based upon the needs to establish sufficient details to facilitate the investigation process and development of new background for both campuses.

Q3: Under the scope of work of the RFQ &P, Phase one, Item No. 18 –V (page 16 of 40) it requires to “Provide spot elevations for all parking and ramps. Include outline of buildings and adjacent lots and indicate setbacks”.

Are the building setbacks required? From property line? Do we need to perform a boundary survey of the campus?

A3: The building setbacks are only required for structures that are adjacent to the legal boundaries of the Colleges. A boundary survey of each of the Colleges is

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not required; the provided legal description will suffice. The main purpose of this scope of work is to establish current overall College surveys/backgrounds. The AutoCAD files for each College legal description can be accessed via the following Dropbox link:

<https://www.dropbox.com/sh/djkj54uqog0ntf3/AABz-iReK6g8tk0k96qzHLwFa?dl=0>

Q4: Under the scope of work of the RFQ &P, Phase one, Item No. 18 –IX (page 16 of 40) it requires to “Review and correct all plan sheets against all records, field sketches, CADD drafting and field notes”. Do we need to do redlines of the existing utility plans?

A4: No. However, consultant is required to review all available As-Built drawings to facilitate the investigation process at both campuses as well as to assist in the development of the new deliverables pursuant to the scope of services requested in the RFQ &P.

Q5: Under the scope of work of the RFQ &P, Phase four, what scale was used to show the collected information for the 2014 survey at Saddleback College? Do we use the same scale at IVC? If so, what is the scale to be implemented?

A5: Refer to the Topographic Survey Maps for Saddleback College prepared by Penco Engineering, Inc. dated 08/05/2014 that was issued as part of RFQ &P attachments package on September 21, 2017. Final scale will be determined with the successful consultant upon the development of project deliverables for each College due to their differing sizes.

Q6: Under the Instruction for Submitting Proposals, Format Requirements, it states that hard copies shall be formatted on standard 8 ½ x 11 white paper. We will like to create a chart but it may read best if the sheet of paper is 11 x 17, which will be folded down to 8 ½ x 11 to fit into the proposal document? Is this acceptable?

A6: Yes.

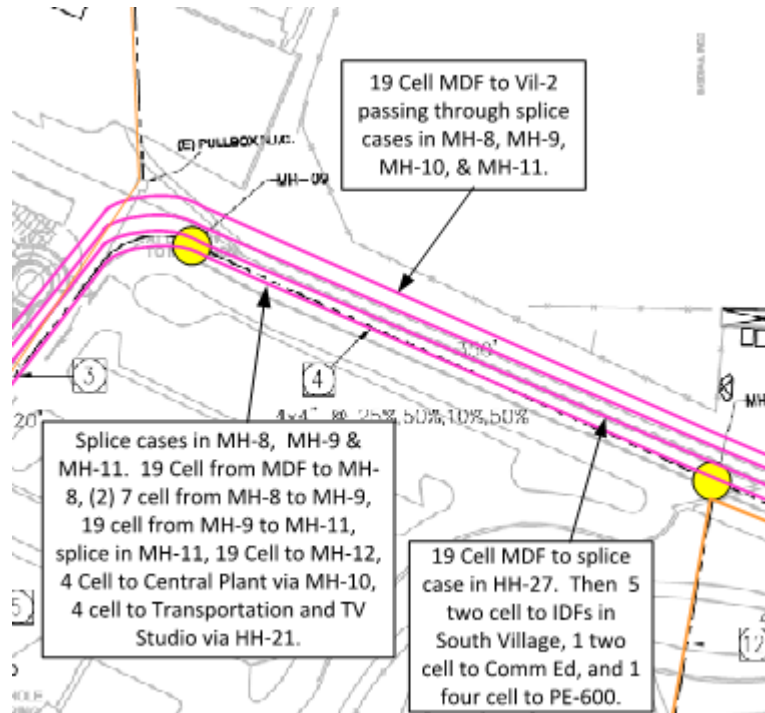
- Q7: Can the District provide a document specifying the exact project limits for each campus (Either via aerial or existing campus wide record document)?
- A7: Refer to the Dropbox link provided above to download the AutoCAD files that indicate the legal boundary for each College. At the minimum, your proposal fee should extend to the legal boundaries at each College. However, known utilities may not extend to the full perimeter, thus, the final project limits will be determined with the successful consultant by conducting a field walk to ensure that the investigation process will encompass the entire property of both Colleges.
- Q8: Based on the significant impact that in-situ soil conditions can have on certain geophysical prospecting techniques, can the District furnish soils reports for each campus?
- A8: Geotechnical investigation reports are available for some building projects implemented in the past as part of the design process to investigate the soil conditions within the vicinity of each particular project. However, these reports may not reflect the soil conditions across the Colleges. Electronic copies of the available geotechnical investigation reports can be provided to the successful consultant upon request.
- Q9: Can the District explain the details on its expectations for the mapping required for its irrigation system? Does the District expect any irrigation lines extending beyond control valves to be greater than 2 inches in diameter?
- A9: For the irrigation system, the investigation process shall include all mainlines and laterals that are 2 inches in diameter and larger. This shall include, but not limited to, the location of irrigation control valves, isolation valves, irrigation controllers, pump stations, etc. All available controller zone station maps will be provided to the successful consultant to aid the investigation process of the irrigation system. It should also be noted that the Life Sciences (B400) and Liberal Arts (A400) buildings at Irvine Valley College are dual plumbed with reclaimed water, so it is important that this system not be

confused with irrigation and also be mapped pursuant to the scope of services.

Q10: In the RFQ &P, there is a requirement that any empty or abandoned utility, vault or maintenance hole be recorded. What is the extent of empty conduit mapping (including spare communication and power conduits) and at what standard of care (QL-D through A)?

A10: Refer to scope of work section of the RFQ&P, phase one, item #19 – 2 a & b, for the minimum requirement for the Special Scope items. The quality level shall be determined by the District based upon the field conditions and pursuant to the criteria identified in the RFQ&P. The communications systems at each College have previously been surveyed and the As-Builts provided as part of the recent Air Blown Fiber Upgrade project. These documents have been provided as part of the original RFQ&P documents.

Q11: With regards to the telecommunications and power vault inventory requested, can the District provide its preferred template for this report, or will the below example meet the District's needs?



A11: SOCCCD has no current template for these scope of services. The final format for each College will be determined with the successful proposer. As it relates to the sample provided above, the notes regarding the splice cases are confusing, as they do not specify the number, size of splice cases, or the routing. Additionally, the condition assessment will need to be addressed, whether it be compiled or separate. Lastly, each building should be identified by its descriptive codes assigned by each College.

Q12: As a part of the CCTV scope for the Sanitary Sewer system for both Colleges, will the District require CCTV of sewer laterals in addition to sanitary mains?

A12: It is the expectation of SOCCCD that both main and lateral lines will be scoped. Provide itemized pricing to show the proposed cost for the mainlines separate from the building laterals

Q13: Regarding the mapping component of the Storm and Sanitary Sewer system, what standard of care (QL-D through A) is expected for storm or sanitary laterals tying in at wye's to their respective main?

A13: The same scope requirements shall apply on the main and lateral lines of both systems.

Q14: In answer question No. 4 in addendum #01 dated October 03, 2017, the District mentioned potential access to FUSION allowing its consultant access to date of utility installation data. Will the District require its consultants to include installation dates in the Telecommunication or Power Inventory reports?

A14: The FUSION database is building specific and will only provide the general information as to when the original building and associated utility laterals were constructed. For assessment purposes, dates should be included; SOCCCD will work with the successful consultant to assist with dates for structures not shown on the building as-built documents.

Q15: Will feeds for walkway lights that are mounted on retaining walls be required be included in the mapping scope?

A15: It depends on the size and location of such retaining walls. The extent of the mapping scope for such particular item shall be confirmed with the District in the field. If the lighting is a single circuit from a building for a site light, then, no, it would not be required. If it is for a series of path of travel or parking lot lighting, then yes, it would be required.

Q16: Will the District expect that its consultant access every site light, electrical pedestal, and above ground electrical enclosure to inventory and assess? Based on the Primary and Secondary Electrical System scope of work there appears to be only a requirement of assessment and verification in lieu of inventory requirements.

A16: Building Equipment inventory is not part of the scope of services. Note that the mapping scope shall apply to the primary and secondary system. Upon award, a meeting will be held do discuss College owned and utility owned equipment.

Q17: The RFQ &P requires the CONSULTANT to “exhaust all reasonable means of electronically and visually locating all underground utility systems.” Can the District elaborate in detail on this statement and its expectations of the CONSULTANT?

A17: Refer to quality levels definitions and investigation criteria indicated on page 11 & 12 of the RFQ&P. Some of this will have to be identified in the field based on what is encountered and authorized by SOCCCD. Proposers are to use their judgement on proposal pricing.

Q18: With regard to the alternate pricing to perform services in Revit in lieu of AutoCAD, should it be assumed that the model deliverable will be decided prior to the start of work?

A18: Yes.

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Q19: Will the District be able to provide CAD files for each of the PDF documents attached to the RFQ &P?

A19: No. The most recent facilities at each College will have AutoCAD files; however, some files may not be available.