

SPECIFICATIONS – SUPPLEMENTARY CONDITIONS**1. SPECIFIC BIDDING AND CONSTRUCTION REQUIREMENTS:**

- 1.1. The Geotechnical Evaluation titled “Proposed Improvements Adjacent to the T-Building, Palomar College, San Marcos, CA” as prepared by Ninyo & Moore and dated July 18, 2014, CGS Review of the Geotechnical Evaluation dated June 25, 2018, and clarification letter dated May 25, 2018 are attached to these Bid Documents for reference. Additionally, Ninyo & Moore provided a Supplemental Letter dated 10/09/2018, and also provided additional Geotechnical Reports for the adjacent T Building Improvements Project (Rev June 29, 2010) and IT Building Project (January 29, 2009) for reference. Beside the above geotechnical reports, potholing was performed by Underground Solutions (see Subsurface Utility Report dated July 19, 2018, attached). Also attached are Electrical sheets from the T Modernization Project. The Contractor is responsible to become familiar with these reports, utilize all information for bid preparation, and to adhere to all recommendations and directives provided. Granitic rock is present on the project site and it is the Contractor’s responsibility to remove rock required for the construction of the project. A 12,000 pound breaker should be expected to be required based on previous project experience.
- 1.2. Contractor is to secure the construction site by installing a perimeter 6ft high fence with screening while leaving a 20’-0” fire lane drive aisle. See Construction Staging Plan RF-1 included herewith for work areas available to Contractor. Contractor shall submit final Staging Plan for review and approval.
- 1.3. Palomar Community College is seeking separate funds from the California Strong Workforce Program for all costs (including demolition, grading, paving, utilities and construction) associated with the Fabrication Building 3 and all costs associated with the new natural gas and compressed air lines. The Contractor’s Bid Form reflects this separation of construction costs for these items. This is not intended as an Additive or Deductive dollar amount but is to be included in the Final Base Bid total cost. The contractor’s bid shall include a total dollar amount for all costs to construct Fabrication Building 3, including all grading, surfaces and utilities.
- 1.4. Contractor shall hang sound absorption blankets to be provided by Palomar on the existing property line chain link fence in areas of noisy earthwork at the direction of Palomar College. The blankets shall be relocated as necessary to buffer areas of noisy work throughout the project site as needed.
- 1.5. Include all traffic control and trained flagmen required to receive your materials on site. Notify District’s Representative a minimum of forty-eight (48) hours prior to any deliveries that will require traffic to be stopped or re-directed or lane closures.
- 1.6. Contractor shall be responsible for delivery of all materials and equipment to and from the project site. Contractor shall familiarize themselves with available existing and planned site access road conditions including associated requirements such as overhead power lines, available vehicle turning radius at corners/ intersections, maximum load capacity of access roads, etc. Contractor shall be responsible for delivery of materials and equipment to the project site via means that will work in conjunction with available site access conditions without causing permanent damage to both onsite and off-site infrastructure.
- 1.7. All equipment shall be of good repair, free of leaks, and fully compliant with current CARB requirements.
- 1.8. All project documents (i.e. drawing, addendums, bulletins, specifications, etc.) will be distributed electronically by District Representative to Contractor. It is the responsibility of Contractor to print hard copies at their own cost.

- 1.9. It shall be the responsibility of the Contractor's management team to quickly and clearly communicate all information such as RFI's, submittals, drawing updates, etc. to the field/labor force.
- 1.10. Any damage shall be reported to the District's Representative immediately and documented by photos of the damage, a site plan/floor plan marked to indicate the location, and a description of the damage with date occurred and reported.
- 1.11. Include all layout as required for this scope of work. This includes benchmarks and gridline offsets.
- 1.12. Remove from project site all debris and waste created by your trade, including wood pallets.
- 1.13. General Cleanup – the District considers "daily clean-up" to be a safety requirement. Therefore, the District will expect subcontractor to include the cost cleanup of all waste generated by your field operation on a daily basis, including, but not limited to the reorganizing of materials, covered debris boxes, removal to your debris boxes, picking up of hand tools and cords, and properly securing equipment.
- 1.14. Include 100% fall protection during installation of your work starting at 6 feet.
- 1.15. The District does not allow for the field washing of equipment on site. No field washing of equipment is allowed.
- 1.16. Sanitary facilities and wash facilities with towels shall be provided by the Contractor at their cost.
- 1.17. Include all temporary supports and or shoring if required for installation.
- 1.18. Include all layout for this work, along with as-built. This includes, verification of size/dimensions, location, material, etc. before start of site work. If any discrepancies are found, notify the District's Representative immediately.
- 1.19. This Contractor must provide shoring as required by OSHA safety requirements as it pertains to your work. Any engineering design fees associated with shoring required shall be included in your Base Bid.
- 1.20. Include removal of all spoils generated by your scope of work.
- 1.21. A twenty-foot (20') Fire Lane adjacent to the construction site shall be maintained and open at all times for use. If disrupted by underground activities provide necessary steel plates for coverage.
- 1.22. Temporary lighting will not be provided during construction. Contractor is required to include all temporary lighting as necessary for their scope of work.
- 1.23. Temporary construction power and water can be taken from adjacent T-Building site at locations as directed by the District at Contractor's expense. Coordinate with District's Representative who will contact Palomar Facilities Personnel for location(s) to connect. Construction power can be obtained from the existing panel at the northwest exterior of the T-Building. Contractor will need to add a breaker and provide overhead power per OSHA regulations to jobsite and to construction trailer. Wireless data is also to be provided to construction trailer. Water hydrant is located at the southeast exterior of the T-Building and shall be high-lined.
- 1.24. Contractor shall obtain a meter from Vallecitos Water District for any water use at connections to fire hydrants and will be billed by Palomar for usage.
- 1.25. Include all protection measures for any and all adjacent structures, landscape, and utilities to remain in place.
- 1.26. Contractor is responsible for coordination of all inspections. A minimum of forty-eight (48) hour notice prior to inspection is required.
- 1.27. Construction activities shall take place during timeframes specified and CANNOT disrupt academic programs and activities in adjacent T Building, ITC Building, or disturb neighbors.

- 1.28. Contractor is made aware that the project location is IMMEDIATELY adjacent to an academic classroom building and to a residential development with occupied single-family homes. Noise is to be kept to a minimum at all times. Radios are NOT PERMITTED.
- 1.29. Work hours are limited to 7:30am – 5:00pm Monday through Friday and 8:00am-5:00pm on Saturdays.
- 1.30. In no situation will equipment be allowed to start up or any noisy preparation work be permitted outside the hours of 7:30am – 5:00pm Monday – Friday / 8am – 5:00pm Saturdays (with 48-hour notice and specific approval for Saturday work).
- 1.31. In addition to available work areas shown on the Staging Diagram labeled “RF-1” (per attached Revised RF-1), Contractor will be given access to the northwest portion of Parking Lot 12 for parking (see attached RF-2). Contractor shall be required to fence all staging and work areas with a 6’ high screened fence as outlined above. Contractor/subcontractor personnel are not permitted to park in any other areas of Lot 12 and shall be responsible for paying any fines if parked outside of the fencing or anywhere else on campus.
- 1.32. The campus has a zero-tolerance policy. Should any construction worker be found to harass any individual on campus, they will be permanently removed from the project.
- 1.33. Palomar College has a no smoking and no drinking policy.
- 1.34. The Contractor’s point of entry into the project site for material deliveries will be through the Las Posas Entrance to the campus (see campus map included). All major deliveries (semi) must be coordinated through District’s Representative with forty-eight (48) hour advance notice per above.
- 1.35. Contractor shall provide an onsite trailer for Contractor’s Project Manager’s office and for a conference room. The conference room shall be equipped with a table and chairs to seat 8 people. The Inspector’s Field Office required in Article 46 of the General Conditions may also be located in this trailer with all the components listed.
- 1.36. The Contractor’s Project Manager and Superintendent shall attend and prepare for a weekly construction progress meeting. Contractor is responsible for creating weekly meeting minutes within 48 hours of meeting for review and edit by Palomar’s Project Manager.
- 1.37. This project is less than an acre, therefore a full SWPPP is not required. All Best Management Practices (BMPs) are noted on the Plans and the General Contractor shall follow these BMP requirements and provide monitoring reports on the BMPs.

2. **SUBSTITUTIONS:**

- 2.1 In accordance with Public contract code section 3400 “prior to or after the award of the contract”, district must provide the “submission of data substantiating a request for a substitution of ‘an equal’ item”. Therefore, no later than the last day for Requests for Information/Clarifications, as shown Information for Bidders – Specific section, Page 5 of this document.

If the Contractor is requesting substitution of “an equal” item or product or work, the make and grade of the item, product or work which is to be substituted shall be provided to the District representative by using the “Architect’s Substitution Request” form as provided in the Technical Specifications.

3. **STATE STORM WATER PERMIT FOR CONSTRUCTION**

- 3.1 Under SPECIFICATIONS – GENERAL CONDITIONS: Article 71. COMPLIANCE WITH STATE STORM WATER PERMIT FOR CONSTRUCTION, page 53, omit the following sentences: