

DSA APP. NO: _____

BID PACKAGE NO. 1: GENERAL CONSTRUCTION/PLUMBING/HVAC/ELECTRICAL

THIS IS AN ATTACHMENT TO THE CONSTRUCTION CONTRACT BETWEEN OCEANSIDE UNIFIED SCHOOL DISTRICT (OUSD) AND CONTRACTOR WHICH INCLUDES GENERAL CONDITIONS AND/OR SUPPLEMENTARY CONDITIONS, AND/OR SPECIAL CONDITIONS.

DIVISION 01 – GENERAL REQUIREMENTS

GENERAL NOTE: ALL CONTRACTORS AND SUPPLIERS ARE TO ABIDE BY ALL RELEVANT REQUIREMENTS SET FORTH IN THE DIVISION 1 SPECIFICATION AS IT PERTAINS TO THEIR SCOPE OF WORK. NO EXCEPTIONS.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

A. Work Included:

The work to be performed by the Prime Contractor shall conform to all the Contract Documents such as, but not limited to: all project Plans and Specifications, the requirements of Division 1- General Requirements, Instruction to Bidders, Special Conditions, Project Specifications, FACS Pre-Renovation Asbestos and Lead Survey Report (dated October 16, 2019), and shall include the furnishing of all layout, supervision, labor, services, materials, installation, cartage, hoisting, supplies, insurance, equipment, scaffolding, tools, and other facilities of every kind and description required for the prompt and efficient execution of the work described herein and to perform the work necessary or incidental to complete the Project, including installation of all items furnished within this bid package, in strict accordance with the Contract Documents and more particularly, though not exclusively, specified in:

DIVISION 01 - GENERAL REQUIREMENTS

DIVISION 1 – GENERAL REQUIREMENTS

01010 SUMMARY OF THE WORK
01027 APPLICATIONS FOR PAYMENT
01028 CHANGE ORDER PROCEDURE
01040 COORDINATION
01045 CUTTING AND PATCHING
01050 FIELD ENGINEERING
01070 ABBREVIATIONS AND SYMBOLS
01095 REFERENCE STANDARDS AND DEFINITIONS

01170 REQUESTS FOR INFORMATION
01200 PROJECT MEETINGS
01210 PROTECTION FACILITIES
01300 SUBMITTALS
01310 PROGRESS SCHEDULES
01370 SCHEDULE OF VALUES
01400 CONSTRUCTION QUALITY CONTROL
01415 TESTING AND INSPECTING
01450 ENVIRONMENT PROTECTION
01500 TEMPORARY FACILITIES
01545 SAFETY AND HEALTH
01620 STORAGE AND PROTECTION
01700 PROJECT CLOSEOUT
01710 CLEANING
01720 PROJECT RECORD DOCUMENTS
01730 OPERATING AND MAINTENANCE DATA
01740 WARRANTIES AND BONDS

DIVISION 02 - EXISTING CONDITIONS

02 4100 DEMOLITION

DIVISION 07 - THERMAL AND MOISTURE PROTECTION

07 5420 ADHERED FELTBACK PVC THERMOPLASTIC MEMBRANE ROOFING

DIVISION 09 – FINISHES

09 9000 PAINTING AND COATING

DIVISION 22 – PLUMBING

22 00 00 GENERAL PLUMBING REQUIREMENTS
22 05 00 COMMON WORK RESULTS FOR PLUMBING
22 05 18 ESCUTCHEONS FOR PLUMBING PIPING
22 05 19 METERS AND GAGES FOR PLUMBING PIPING
22 05 23 GENERAL-DUTY VALVES FOR PLUMBING PIPING
22 05 29 HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT
22 05 53 IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT
23 11 23 FACILITY NATURAL GAS PIPING

**DIVISION 23 – HEATING, VENTILATING, AND AIR
CONDITIONING**

23 00 00 BASIC MECHANICAL REQUIREMENTS
23 05 00 COMMON WORK RESULTS FOR HVAC
23 05 93 TESTING, ADJUSTING, AND BALANCING FOR HVAC
23 31 13 METAL DUCTS

23 33 00 AIR DUCT ACCESSORIES
23 37 13 DIFFUSERS, REGISTERS, AND GRILLES
23 73 33 INDIRECT FUEL FIRED HEATING AND VENTILATING UNITS

DIVISION 26 – ELECTRICAL

26 05 19 LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES
26 05 26 GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS
26 05 29 HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS
26 05 33 RACEWAYS AND BOXES FOR ELECTRICAL SYSTEM
S26 05 53 IDENTIFICATION FOR ELECTRICAL SYSTEMS
26 27 26 WIRING DEVICES
26 28 13 FUSES
26 28 16 ENCLOSED SWITCHES AND CIRCUIT BREAKERS

B. General Requirements

This bid package includes, but not be limited to, the following:

1. All construction personnel are forbidden to interact with District staff and/or students. All inquiries made by District staff and/or students to the contractors should be immediately reported to the Construction Manager for onward transmission to the Bond Office.
2. Equipment, trucking, dump fees and recycling required for the removal from site all demolition materials generated by the execution of Contractors work. Contractor shall participate and adhere to all requirements of waste disposal as indicated in specifications.
3. Contractors will be responsible for securing and protecting their material and equipment to prevent against theft.
4. Necessary railings, barricades and safety devices related to work, in compliance with local, state and federal inspection agencies, including temporary shoring and structural bracing. Provide construction site markers and other protective means to keep site and Owner's personnel, visitors and students safe, protected, and separated from ongoing construction operations. Provide temporary access at all paths of travel. Yellow warning tape is **not** acceptable means of separation and protection. Contractor shall remove all temporary items when no longer required.
5. Protect-in-place, as needed, including but not limited to all walkways, streets, driveways, adjacent buildings/structures, furnishings, conduits, drains, sewers, pipes, to remain, and mechanical equipment within and/or surrounding the new building. This also includes necessary patching and weather protection for temporary work.
6. Prior to commencing work, the Contractor shall walk the site with the Construction Manager to verify existing conditions. Contractor to identify to the Construction Manager any conditions that conflict with the contract documents.
7. Supply power cords, task lighting devices, distribution boxes, adapters, etc as necessary to complete the work of this Bid Package in a timely manner and in accordance with the master construction schedule. Power shall be made available at necessary locations to perform work safely. Scheduled power interruptions will be performed on off hours or weekends.

8. Provide task lighting as required to facilitate the work of this work in a timely manner and in accordance with the master construction schedule. Provide sufficient task lighting to facilitate work of good quality.
9. Properly dispose of all packaging material.
10. Provide traffic control, flagmen, barricades, and safety personnel for all work. Flag person shall be trained per Cal OSHA requirements prior to working in that capacity.
11. Obtain and comply with all AQMD permits and OSHA safety requirements for work of Contractor. Contractor must have one foreman onsite at all times that has been certified in the AQMD (Air Quality Management District) Particulate Matter (PM-10) Dust Control Compliance Training. Contractor shall pay all fines and fees from OSHA or AQMD associated with the work of this contract.
12. Contractor shall provide for temporary drinking water facilities according to the latest CAL OSHA regulations and as required for this Prime Contractor's work.
13. Proper PP&E work attire is required for all employees and subcontractors such as hard hats, orange safety vests, sleeved shirts, long pants and work boots. No drugs, radios, IPODS and pets will be allowed on site.
14. Provide for storage containers for material of work within this contract. Storage of material is to comply with all applicable standards. Properly store flammable material outside of building. Coordinate location with the Construction Manager prior to mobilizing containers.
15. Take all necessary precautions to prevent disturbing any existing roof mounted equipment, not to be removed in this scope of work.
16. Excess debris generated by the work of Contractor shall be removed by the Contractor as part of this scope of work.
17. Multiple mobilizations as required to meet contract schedule requirements shall be included in base bid.
18. Coordinate with other bid packages as required to efficiently perform scope of work.
19. Contractor's trucks leaving the site shall take every reasonable precaution to not track or drop construction debris or miscellaneous trash onto offsite roads, haul routes, and contractor parking areas. Any roofing materials, rocks or construction materials, and miscellaneous debris that may be tracked or dropped shall be cleaned up immediately by the Contractor.
20. Responsible for scheduling inspections of all governing jurisdictions for the work of this category in a timely manner that does not impact the construction schedule.
21. Responsible for all layout, elevations, and layout coordination with other bid packages. Layout all work for this category from established control lines. Upon completion of the work, provide as-builts that tie all site improvements to meet the requirements of the Contract Documents. As-built drawings are to be updated weekly and reviewed with CM.
22. Daily Reports are to be kept current within 24 hours of any and all site activity and submitted no later than noon on Monday for the preceding week's efforts.
23. Daily cleanup of all work areas of Contractor is required. Refuse/Debris created by the work of Contractor shall be loaded into dumpsters on a daily basis. Site is to be left clean at the end of each work day and during the performance of daily tasks to provide a safe and clean site for all.
24. Responsible for scheduling inspections as to not impact the schedule. A minimum of seventy-two hours (72) is required for shutdowns and special inspections. Re-inspection costs for failed inspections to be the responsibility of the Contractor.

C. General Construction & Miscellaneous Items

1. Provide and maintain portable toilets with cleaning service two (2) times a week for the duration of the project according to the following criteria: four (4) portable toilets will be placed throughout the construction as directed by the Construction Manager. In addition to the temporary toilets four (4) separate hand washing facilities shall be provided adjacent to each of the toilets. This prime contractor shall provide, install and maintain throughout the project all applicable measures for compliance at portable toilets and wash areas.
2. Contractor to provide and furnish a construction trailer for use by the Project Inspector as specified in the contract documents.
3. Provide and maintain on a daily basis, as directed by the Construction Manager, a sufficient amount of typical 40yard trash bins to accommodate the construction refuse and daily debris removal for **ALL Bid Packages**.
4. Provide one (1) project signs, as designed by Architect. Fabricate using exterior-grade plywood and wood frame construction, acrylic painted with exhibit lettering by professional sign painter. Install on site in a location approved by Owner / CM.
5. Provide and maintain throughout the construction project, temporary fire extinguishers mounted on temporary stands and identified with signage. The CM superintendent will note the locations during construction. As finishes are installed provide for temporary removal and relocation as required. Provide and install Fire Extinguisher signs.
6. Provide, install and maintain for the duration of the project a construction entrance.
7. Provide, install and maintain for the duration of the project a 6'high temporary commercial grade construction fence and gates (1 ¾" mesh, 11 gauge, top and bottom knuckled selvage) locations coordinated with the Construction Manager, conforming to the latest edition of CAL OSHA Safety Orders and per special conditions. All gates and fencing shall include full height fabric vision barrier woven open mesh 100% polypropylene with 78 percent wind break, reinforced tape at grommets at 18 inches centers at perimeter, attach screen to chain link fence with 11-gauge hog rings. See Site Use Plan, which designates the areas required to be fenced from the public and students at the project. Prime contractor is to allow for **2500 lineal feet** of panel fencing. All temporary fence must be securely anchored and braced. Also included is the repair to all temporary construction fencing as required during the duration of the project, as well as, the removing and relocating of any temporary fencing as required for the various phases and other bid packages to perform work under or around the temporary fencing. Contractor is to include providing chains and locks for the entrance gate.

Gate leaf shall have a wheel installed at the bottom to facilitate opening and closing of the gate. The lock provided shall be combination type, Master Lock Model #175DLH or equal. This prime contractor shall weld the lock to the chain and weld the chain to the fence post so that the lock and chain remain on gate at all times.

8. Provide asphalt patching where temporary fence posts or gate posts are installed within existing paving at completion of Project. This includes removal of redhead anchors and point up of concrete and concrete repair.
9. Provide and install and maintain temporary signage at all entrances to the project and around perimeter of the construction site and at lay down areas including “HARD HATS REQUIRED, CONSTRUCTION PERSONNEL ONLY”, and “NO TRESPASSING”. Review locations with the Construction Manager prior to installation.
10. Provide final cleanup of the entire project interior and exterior, per contract documents.

1.3 ALLOWANCES

- A. The following allowances are to be included in your base bid. The use of this allowance will be as directed by the Construction Manager and is to be monitored with time and material tickets. Should the amount of encountered unforeseen items be less than the allowance, the credit value shall be credited back to the contract at the completion of the project.

NO ALLOWANCES.

1.4 ALTERNATES

- A. There are no bid alternates for this project.

1.5 RELATED WORK BY OTHERS UNDER SEPARATE BID PACKAGES

- A. See other Bid packages for work not included or provided by others.
 1. Bid Package 01 will provide dumpsters and facilitate the collection and separation of all construction waste materials generated on-site to a legally designated landfill. Exclusion: roofing contractor, mechanical contractor, and electrical contractor shall be responsible for legal and safe disposal of all materials generated during roof demolition as it pertains to their scope of work.
 2. Electrical Contractor: Responsible for safe-off of all existing electrical line and low voltage systems prior to demolition/removal activities for all areas indicated in the contract documents (I.E. mechanical equipment).
 3. Electrical Contractor is to provide, install and maintain all temporary power and lighting.

1.6 CONTRACTOR’S USE OF PREMISES

- A. Prime Contractor shall have use of the premises for the execution of the work as indicated in the contract documents
- B. Parking shall be at the discretion of the Construction Manager and as available. A loading/unloading area will be designated to facilitate delivery of equipment and tools. Prior scheduling of large deliveries with the Construction Manager is required.
- C. Assume full responsibility for the offloading including lifting equipment, protection and safekeeping of products under this Contract.
- D. Move any stored products, materials, or equipment under Prime Contractor’s control that may interfere with the operations of the District or other Bid packages.

- E. Coordinate the use of premises under the direction of the Construction Manager.

1.7 ADDITIONAL CONTRACTOR DUTIES

- A. Prime Contractor job appointed Foreman must attend weekly job conference meetings or such special meetings as requested by the Construction Manager. Attendance by all prime contractors that are working onsite, should be working onsite, or involved in coordination issues is mandatory. Foremen shall have the ability to make decisions, make financial commitments and be prepared to discuss submittals, inspections, and progress schedule information based on a 3 week look-ahead schedule.
- B. Provide Daily manpower and work activity reports to the Construction Manager on a Daily Basis. Prime Contractor Daily Report is to include manpower and activities of subcontractors to the prime. The Daily Reports are to include the name and classification of each worker as well as the number of hours worked each day. Contractor to provide proposed template for CM approval prior to mobilization.
- C. Pursuant to District regulations the site is designated a “drug free” and “smoke free” workplace. Maintain strict policy procedures at the Project for all employees, vendors, suppliers, and/or others providing service or products under the scope of this bid package.
- D. Consistently maintain a clean and orderly work environment and promptly remove all excess materials at the completion of each daily activity. Promptly remove all trash and debris resulting from the work performed.
- E. Prime Contractor must provide and submit Material Safety Data Sheets (SDS) to the Construction Manager for all materials prior to arrival to the project site. Prime Contractor is responsible for separately maintaining an on-site copy of SDS, instruction regarding SDS, and maintaining all stored materials on site in strict accordance with SDS and other governing codes and regulations.
- F. Prime Contractor shall designate a foreman or supervisor for this Project and shall equip said person with a cell phone. Cell phones will be used for direction, coordination and communication as needed for the duration of the Project.
- G. Arrange and coordinate all inspection requests with the Construction Manager and the District’s Project Inspector for all inspections.
- H. As-built drawings shall be maintained daily and recorded monthly at the Construction Managers job site office and be approved by the Project Inspector.
- I. Coordinate the work of this bid package with that of all other bid packages. Each Prime Contractor shall resolve conflicts with other bid package contractors prior to commencing installations. Rerouting to resolve conflicts and interferences in the field will be performed at no additional cost to the District.
- J. This Prime Contractor shall provide satisfactory proof to the Construction Manager that a Contract has been issued to any Subcontractor listed by the Prime Contractor in his bid within 30 days of acceptance and signature of the Contract executed by the District. Price of the Subcontract is not required.
- K. Attend and participate in BIM meetings as required.

END OF SECTION