

GROSSMONT UNION HIGH SCHOOL DISTRICT

MMHS SCIENCE BUILDING MODERNIZATION MULTI-PRIME

**ATTACHMENT E
BID PACKAGE**

CN-4069

ROUGH CARPENTRY

TRADE CONTRACTOR SPECIFIC PROVISIONS
BID PACKAGE—CN-4069
ROUGH CARPENTRY – VERSION 01

ROUGH CARPENTRY VERSION 01

The following clarifies certain inclusions, exclusions, and other information. This list is not inclusive of all work and is not limiting in any manner. This Exhibit shall supplement all General and Special Conditions in this Contract unless specifically noted herein to supersede them. This exhibit shall supersede all other conditions in the Contract and Contract Documents in the event of specific conflicts between the Documents.

I. GENERAL REQUIREMENTS: The following General Requirements apply to all work included in this Contract:

1. Full compliance and scope coverage with Specification Section(s):

- DIVISION 00
- DIVISION 01
- 06 10 00 – Rough Carpentry

Full compliance and scope coverage with all other Project Scope and Specification Sections that interface with and require services related to this scope of work.

2. Prime Contractor and its subcontractors and/or lower tier contractors shall be a licensed contractor pursuant to the California Contractors License Law required for the performance of work in the appropriate classification(s) of contractor's license(s) for the work bid upon and must maintain the license(s) throughout the duration of the Contract. License required for this work shall be B, or (C5 and C51).

3. Schedule of shop drawings, submittals, and dimension verifications: The following groups of shop drawings and submittals are not all-inclusive and are supplemental to requirements found elsewhere in the Documents. These submittals shall be delivered to the Construction Manager no later than the below listed dates:

a. Rough Carpentry Product Data and Shop Drawings:

Due: 14 Calendar Days after NTP is issued

b. ALL Other Submittals:

Due: 14 Calendar Days after NTP is issued

These due dates take precedence over other dates found elsewhere in the Contract Documents.

4. Prepare any coordination drawings required to show the interface between work provided by this Contract and others.

5. Procurement of Critical Long Lead Items: Prime Contractor shall be responsible to ensure that the following critical long lead items are delivered to the project site by the noted delivery date.
6. Prime Contractor has reviewed the Project and is aware of existing conditions.
7. Schedule: Prime Contractor shall issue to the Construction Manager a detailed Construction Schedule for this trade's work as it pertains to this Project. The work shall proceed in accordance with the Master Construction Schedule issued with the Construction Documents. This schedule shall be modified from time to time in order to properly coordinate and sequence the work; however, the Prime Contractor is responsible to supply sufficient manpower, equipment and material necessary to ensure the duration of time established for the Prime Contractor's work is maintained as per the Construction.
8. Prime Contractor has included provisions to store fabricated material off-site until required erection date.
9. Provide flagmen as required. It is understood that the work will take place within an operating Campus and that the Prime Contractor is solely responsible to protect the public and maintain uninterrupted access to the campus by the general public. Provide all barricades, etc. to achieve this. Perform during off-hours as required to avoid disruption of campus operations.
10. Comply with all City, County and State requirements, prepare haul route and obtain permits as required.
11. Prime Contractor will be responsible for collateral damage to areas or finishes not scheduled for demolition as a result of his operations.
12. CalOSHA compliant safety eye protection is required at all times for all personnel, workers, and visitors on the construction site in accordance with District Standards.
13. Include all work as referenced by notations: "by Rough Carpentry Contractor", "Framing Contractor," or similar notations that may be noted throughout the entire set.
14. It is understood that all scope inclusions contained in this bid package shall be provided by the Prime Contractor regardless of similar or identical inclusions found in other bid packages or trade Contracts.
15. It is understood that the Trade Contractor Specific Provisions contained in the Contract Documents are a material element of this Contract and scope of work. It is specifically noted that the Prime Contractor shall be responsible for all requirements and clauses contained in these Trade Contractor Specific Provisions.
16. It is understood that all the Crane, Trucks, erection equipment, grading equipment and any other heavy equipment must be staged within the project site boundaries.

17. Provide, erect and dismantle all ladders and scaffolding required to perform work. Provide all required rigging and hoisting necessary to perform this scope of work. All lifts and material handling required to perform this scope of work shall be provided by this Prime Contractor.
18. Prime Contractor shall maintain and record as-built information of his work in a current condition. Prime Contractor shall transfer all as-built information onto the record set of drawings located at the Construction Manager's Field Office. All transferred information shall be neat, legible and in accordance with the guidelines set forth in the contract documents. Failure to provide as-built information in a timely manner will result in progress payments being withheld.
19. Prime contractor has reviewed the Attachment J – As-Builts and is aware of the existing conditions of the building and site.
20. This Prime Contractor acknowledges and includes the cost for all required off-hour, overtime and weekend work schedules as required to perform the work included in this contract and coordinate this contract work with all other related trades. This Prime contractor shall provide manpower and shift schedules (in advance of the actual work being performed) to the Construction Manager so that it can be analyzed against the Project's schedule requirements. Overtime work and weekend work will be required on this project to meet the tight schedule. Please plan accordingly and assume your crews will be working all weekends and overtime as needed during their schedule activities. Project to be staffed accordingly to meet the durations listed in the Attachment F – Schedule.
21. Daily clean-up of all debris related to the Work of this Bid Package Contractor is required. All debris generated by this Bid Package Contractor shall be legally removed daily and disposed of offsite by this Bid Package. All Bid Package Contractors, while on site, will provide a clean-up laborer to be included in the weekly clean-up effort for the duration of the project. For bidding purposes, Prime Contractor shall provide 2 hours of clean-up labor for 33 total weeks.
22. Prime Contractor shall coordinate with all subtrades/Primes as it relates to this scope of work. Verify dimensional requirements, locations, paths of travel, structural connections and any other scope as it relates to site conditions and other Prime Contractor's work. This coordination process shall occur prior to or concurrent with detailing to avoid conflicts and field coordination.
23. Prime Contractor shall supply all hoisting equipment, operators and support personnel necessary to safely erect and/or install all of the material or equipment included in this agreement.
24. Give 48-hour written notice to both Construction Manager and Inspector of Record prior to the initial start and all subsequent phases of shop fabrication.
25. Prime Contractor will have all required local and state licenses and certifications as to allow shop fabrication without deputy inspection. Prime Contractor's field welders will have all required licenses /certifications as required by the Contract

Documents and Local Authorities. Where local/state welding requirements are more stringent than the specified welding requirements; the most stringent shall govern.

26. Prime Contractor is required to properly staff the Project to maintain the Project's schedule and to ensure proper sequencing with other Prime Contractors as required by the Construction Manager.
27. Prime Contractor is responsible to provide all layout for its work from survey control points and lines, including all building corners, grid lines, offsets, elevations, etc.
28. Provide all necessary protection for new work and adjacent finishes from Prime Contract work operations. Include steel plates, plywood, plastic and masking protection as required. Prime Contractor is responsible to maintain/repair/replace any temporary barricades that are moved or damaged by its work. Prime Contractor is responsible to protect all existing structures/MEPs/benchmarks/miscellaneous items as required by the Contract Documents during this Prime Contractor's work.
29. Prime Contractor acknowledges that space for storing materials within the worksite is limited. All delivery and storage of materials shall be scheduled and coordinated with the Construction Manager prior to shipping. Prime Contractor is responsible to assure that stocking of building materials does not overload the building structure or unreasonably impede the work of other trades. Prime Contractor shall promptly relocate stored and stockpiled materials when directed by Prime Contractor.
30. Prime Contractor is responsible to promptly remove from the project all surplus material and debris associated with its work.
31. Prime Contractor is responsible for scheduling and coordinating all deliveries required for this scope of work with the Construction Manager and other Prime Contractors. Prime Contractor to provide adequate flagmen, street closures, sidewalk closures, permits, traffic control, etc. for deliveries, transporting on site, pick-ups as required by the project schedule, specifications, job conditions and governing agencies within the jobsite limits. The jobsite is located near the center of the campus so early morning deliveries are preferred.
32. Prime Contractor shall adhere to OSHA safety standards while on the project site and shall engage their designated safety professional to make periodic jobsite walks for safety compliance. Any noted issues or concerns shall be reported to Construction Manager's Superintendent at the time of visit. Prime Contractor is responsible to maintain/repair/replace any temporary barricades.
33. In the event of conflicts not clarified prior to bidding deadline, Prime Contractor shall assume the most stringent, higher quality and greater quantity of work for bidding purposes. If Prime Contractor still requires clarification after awarded

the project, Prime Contractor shall generate an RFI. If appropriate, a deductive change order shall be issued if the clarification results in a reduced scope.

34. Prime Contractor shall furnish and install all mock-ups required by specifications found within this Prime Contractor's scope.

II. INCLUSIONS FOR ROUGH CARPENTRY: The following items are specifically included in the Rough Carpentry scope of this Contract:

1. Include all work which is consistent with the defined scope of work in this Contract and that may be required by the entire set of drawings and specifications.
2. Furnish and install all interior and exterior wood framing, components & accessories including, but not limited to, beams, prefabricated wood shapes, engineered wood products, shear wall panels, blocking, cants, nailers, furring, grounds, framing hardware, wood studs, structural composite lumber, glued-laminated beams, wood I-joists, web stiffeners, rafters, double joists, trusses, purlins, ledgers, cross bridging, struts, headers, sills, plywood infills, blocking, furring, stripping, double top plates, sill plates, shear plates, knee braces, trimmers, cripples, straps, strong-ties, hinge connectors, hangers, wood post bases, lag bolts, lag screws, end post bolting, LVL members, nails at new building structure as required for a complete installation. Observe the general and structural notes for requirements regarding prefabricated wood lumber, glued laminated timbers and anchorage. Refer to structural drawing notes for required special inspections. Prime Contractor to notify Construction Manager 48 hours in advance on inspection requests.
3. Prime Contractor is aware of the high level of quality control that this project demands. Prime Contractor shall replace and/or "power plane" all new and existing wood members throughout the project that exceed acceptable and specified tolerances. This includes all rough framing, moldings, sheathing, etc. For bidding purposes, include forty (40) additional journeyman framing hours to power plane existing wood framing members. New members not to be included in those 40 hours. This work is to be reviewed by the CM prior to approval if the use of these hours.
4. Prime Contractor is responsible to furnish and install of all framed-wall types indicated in the Contract Documents, in order to provide a complete scope of work. If a wall is shown, but not identified with a wall type or stud size, Prime Contractor shall assume the most stringent wall type. Reference General Requirements of this scope for further explanation.
5. Prime contractor shall furnish and install treated/rated plywood backer board (3/4" minimum thickness) at all telecom, electrical, IDF, mechanical rooms and where called out or specified in the Contract Documents. Reference Architectural and Electrical drawings. Coordinate with Construction Manager and Owner on telephone and CATV utility locations requiring backer board. Scope includes fire-treated plywood per the specifications. Plywood backboard to be installed per detail 4/E-302.

6. Prime Contractor shall furnish and install any access panels indicated on the Architectural sheets, including access doors to enclosed interstitial “attic” spaces. Access doors provided by this Prime Contractor shall be fire-rated if required to comply with applicable codes. Additionally, unless specified to the contrary, access doors in finished area shall be of the “concealed” type, (i.e. tape-able flange/drywall inserts in drywall applications; plaster flange/plaster insert for plaster applications, etc.). Frame out and install access doors/panels/hatches furnished by other trades. Coordinate with MEP trades on layout and installation. Prime Contractor will provide access panel coordination drawings with all MEP trades’ input.
7. Furnish and install all wood furring, blocking, in-wall backing, in-ceiling backing, and frame outs for all building components mounted to walls. This specifically includes but is not limited to equipment, fixtures, signage, wall grab bars, mirror units, air-dryers, diaper-changing stations, metal toilet compartments, wall-mounted dispensers in restrooms, wall-mounted lavatories, utility shelving, lockers, casework, mop & broom holders, tack boards, AV equipment, wall-mount devices, etc., as shown on the drawings, details, and as specified. Take specific care to include the wood blocking and backing required by the details in the mechanical, electrical and plumbing drawings. Prime Contractor has accounted for direct coordination with Construction Manager and other Prime Contractors and other vendors to accomplish accurate layouts for backing. Provide fire-rated wood blocking where required by the Contract Documents.
8. Some blocking may appear unquantifiable at this time. For bidding purposes, assume the blocking supports for pipe runs, duct runs, mechanical support frames, roof mounted equipment and suspended equipment will occur every 4’ for each system run. Blocking and backing for equipment is quantifiable based on the information provided in the equipment schedule and details. No change orders will be issued for blocking or backing for any scope of work included within the contract documents for the project.
9. It is the responsibility of this prime contractor to coordinate with all other prime contractors for any of their backing required.
10. Provide all framing cutouts, notching, openings, soffits, recessed/dropped ceiling areas, chases, reinforcing of framing, etc. shown on the drawings and as required by actual conditions for various architectural items, access panels, skylights/solatubes, ceiling diffusers, plumbing/electrical/HVAC items, i.e., ductwork, equipment and piping. Coordinate directly with the respective trades and reference the MEP drawings for coordination purposes and details. Modify soffit framing dimensions as required to accommodate the designed duct sizes. Scope includes double joists at roof openings for mechanical equipment/duct, skylights/solatubes, etc.
11. Prime Contractor is responsible for approved moisture content of materials to be installed in accordance with the project schedule.

12. Prime Contractor includes additional framing at any new MEP penetrations in existing or new walls and shall follow the applicable framed opening details in the structural drawings.
13. All plywood sheathing over framing as shown in drawings. Provide all wood nailers, wood backing, wood sheathing as shown on the Contract Documents. Wood backing supports for but not limited to doors, bathroom accessories, projection screens, visual display boards, MEP finishes, coiling doors, casework and areas for other miscellaneous items not specifically indicated but necessary. Backing locations and requirements to be coordinated among prime contractors. It is the responsibility of this Prime Contractor to ensure all required backing has been installed.
14. Verify and coordinate dimensions for alcoves, walls and opening dimensions for equipment furnished by others. Particular attention to code mandated exiting clearance and handicap clearance dimensions is required. All work shall fully comply with current handicap codes (even if contrary to the Contract Documents and submittal approvals). This Prime Contractor shall request specific written direction from the Construction Manager before proceeding with any work that is non-compliant.
15. It is expressly understood that the framing details are diagrammatic in nature and that this Prime Contractor will be responsible for a complete installation. The details shown should be regarded as minimum parameters to perform the work.
16. Furnish all anchor bolts for framing that are embedded in new concrete, or screw anchors where applicable. Provide quantity survey and layout as required. Verify all layouts prior to concrete placement by concrete prime contractor. Provide layout drawings as needed. Coordinate locations and placement directly with the concrete contractor.
17. Prime contractor includes all new wood beams, LVL members or joists as called out on the roof framing plans.
18. Include all framing accessories as applicable to this Contract's scope of work, i.e., straps, bent plates, clips, "stickers", shims, angles fasteners, as shown on plans and required to attach/support framing to building structure. Framing accessories shall be installed as required to provide "true and straight" work especially where this Contract work is attached to other building components.
19. All fire/smoke rated construction shall maintain continuous required ratings at all areas as required by the Contract Documents.
20. Where furring or framing systems are scheduled to be attached to an existing surface which is rough, uneven, not true or level, provide reconditioning of existing surfaces, shimming, building out and adjustments to the framing system as required to compensate for the substandard substrate.

21. Prime Contractor includes two hundred (200) additional journeyman labor hours for miscellaneous work. The Construction Manager/District may authorize the use of these hours only.
22. All Prime Contractors are responsible for covering of roof openings for a weather tight system prior to rain and rain clean-up. Prime Contractor to consider the allotted rain days in the project schedule for budgeting purposes.
23. Prime Contractor has included multiple mobilizations to achieve the requirements of the contract. For bidding purposes, include three (3) mobilizations. A mobilization is defined as removal and return of equipment and materials. A crew leaving the site is not a demobilization. The entire building may not be ready all at once.
24. Prime Contractor includes all structural framing and/or blocking required for exhaust fans, air-conditioning units, condensing units and any other new rooftop equipment requiring structural framing and/or blocking.
25. Provide all framing and suspending structural systems in order to install work under obstructions (i.e. under plenum mounted equipment, ductwork, etc.) Include trapeze systems, if necessary, below congested/oversized ducts and other MEP obstructions.
26. Provide all seismic bracing and supports as required at all walls and suspended drywall ceilings.
27. Furnish/install hat channels, furring, backing behind expansion joints, sheet metal items and other items requiring it.
28. Install new wall infills, new furring walls and new partial walls per the drawings. Replace existing walls per the drawings.
29. Install all new shear wall panels at new wall infills per the drawings. Assume there will be some shear wall replacement due to dry rot, termites, water damage etc.. For bidding purposes assume 10 sheets or 320 square ft of plywood shear walls panels to be replaced.
30. Prime contractor to include the new sister beams at existing beams per the structural roof plan and the details on sheet S-501.
31. Provide and install web stiffeners per detail 20/S-501 as called out on the structural roof framing plan.
32. Provide and install web stiffeners and associated hardware at cord reel locations per detail 1/S-551.
33. Provide and install the VFD supports shown in detail 2/S-551. This prime contractor shall provide the entire support up to the Unistrut which will be provided by the mechanical contractor. This includes the 3" pipe support assemblies with

Unistrut sleeve attachments along with the new 4x12 supports and associated hardware. Coordinate directly with the mechanical contractor for sizing and spacing of these supports. This prime contractor also provides all associated support framing and hardware.

34. Prime contractor shall frame out new openings and provide all required framing and hardware to support the new exhaust fan s mounted in roof dormers per 3/S-551.
35. Prime contractor to provide and install all new mechanical supports per the MEP Equipment anchorage details. Coordinate directly with the mechanical prime contractor for layout. It is the responsibility of this prime contractor to request any layout needed.
36. Provide and install all new backing and supports for the new fume hood per 17/S-552. Coordinate with the finishes and mechanical prime contractor for backing layout. It is the responsibility of this prime contractor to request any layout needed.
37. Prime contractor shall install backing for all new TVs. Coordinate with the District and utilize the District provided TV mount to layout and install this backing. The 86" TVs are District provided.
38. Coordinate with the finishes prime contractor to provide all above ceiling and wall backing for ceiling hanger or bracing wire.
39. The structural floor plan on sheet S-101 notes to remove and replace existing damaged framing as required. For bidding purposes, assume all bathroom walls need to be completely replaced.
40. Fabricate and install all countertop and work counter support brackets needed by the casework contractor. This includes the angle supports depicted in detail 11/A-581 and the HSS supports depicted in detail 12/A-581 along with all associated hardware. The location, quantity, spacing and height of these brackets should be coordinated directly between prime contractors.
41. Coordinate the locations of all fire protection cabinets directly with the specialties contractor to ensure the proper backing and opening is provided.
42. Prime Contractor includes grout/dry-pack under sill plates, per the plans/specs.
43. Prime Contractor has reviewed structural demo and structural new work sheets. Prime Contractor includes miscellaneous existing framing hardware in order to install new work. Miscellaneous existing framing hardware includes but is not limited to bolts, washers, hold-downs, Simpson hardware, straps, nails, screws, etc.
44. Provide all misc. wood framing and hardware to achieve the architectural details on sheets A-521 to A-581.

45. Review the details in the mechanical, electrical and plumbing drawings for any structural supports or misc. framing needed to achieve those details. This prime contractor is to provide all supports, framing, hardware, etc.. to achieve those details.
46. Provide any anchor bolts and hardware to be installed by the concrete contractor. Coordinate directly with the concrete prime for location and placement. Include pour watch to ensure any embedded items are not moved or shifted during a concrete pour.
47. Furnish and install any epoxied anchor bolts per the wall infill details on S-501.
48. Prime contractor includes all necessary hardware required and called out to install backing, supports, new framing, structural supports, LVL members, web stiffeners, new beams and any other new framing members.
49. This prime contractor includes all new wood and steel framing members required by the entire set of plans including structural, architectural, plumbing, mechanical and electrical.

III. ALLOWANCES: The following allowances are included in this scope of work. The Construction Manager must agree to the price, type and extent of additional scope before work is started. Field tickets must be signed by Construction Manager's Superintendent on a daily basis to account for the time, material, and equipment used from these allowances. All time, material, and equipment used from these allowances will be billed against these allowances and any portion of the original allowance amount not used will be credited back to the Owner at the end of this Contract's scope of work as a deductive change order. This Article is separate and exclusive from all other Work required by the Contract.

- CN-4069 Allowance #1: Unforeseen Framing Components = \$25,000.00

VII. ALTERNATES: N/A

VIII. EXCLUSIONS: N/A