

DIVISION 01

SECTION 01 24 00: SUBCONTRACTOR BID PACKAGE CLARIFICATIONS

**Gates County High School – Science Classroom Alterations
88 US Highway 158, Gatesville, NC 27938
Gatesville, North Carolina**

01 24 00.01: GENERAL

A. SCOPE

1. The purpose of the specification section is to clarify the inclusions and exclusions of the various bid packages.
2. Any alternates, unit prices or allowances that pertain to a bid package is indicated herein. See specification sections 012100, 012200, 012300 for additional information.
3. All bid packages are comprehensive to specific bid scopes and the related work as referenced, indicated or implied in the construction documents. The subcontractor acknowledges the following outlines are provided as a courtesy and used in conjunction with all other elements of the bid documents. The scope of work detail listed herein is not intended to describe a complete or final scope of work, only provided as a summary overview.
4. All bidders shall familiarize themselves with all Division 00 and 01 specifications.

01 24 00.02: BID PACKAGES AND CLARIFICATIONS

Typical of All Bid Packages

1. All bids should be treated as turnkey unless the bid package specifies differently. All bids are to include all material, labor, equipment, taxes and other necessary items to successfully facilitate the scope of work.
2. All procurement and contract requirements
3. All specification and contract document requirements including Division 00 and 01
4. All work to be performed in accordance with the Construction Documents including specifications, drawings, addendums and special inspections requirements
5. Provide Submittals within 45 days of award of contract
6. All safety procedures will be followed in accordance with the CMR and OSHA policies
7. Maintain a clean work area
8. Once work is completed, clean work area and immediately remove all equipment and any leftover material from the project site (not including attic stock material)
9. Attendance at project progress meetings when applicable to the trades scope of work
10. Material Testing & Special Inspections will be provided by the owner
11. CMR will provide a dumpster for debris disposal unless otherwise noted
12. All work to be coordinated with other trades
13. Permit Fees from Gates County have been waived

Bid Package 024100: Selective Demolition

1. Include all work as listed under Specification Section 024119, 024100
2. Include Bid for Bid Alternate #1- Screen Wall

3. Include all means and costs of disposal of associated debris
4. Include any shoring necessary to facilitate the demolition
5. Include protection of adjacent work to remain
6. Exclude Plumbing, Mechanical and Electrical Demolition
7. Exclude concrete cutting or patching for Plumbing, Mechanical or Electrical trades
8. Exclude any asbestos related work
9. The owner will completely vacate the area of the building for work to commence

Bid Package 030000: Cast in Place Concrete

1. Include all work as listed under Specification Sections 030000, 031000, 032000, 033053
2. Include Bid for Bid Alternate #1- Screen Wall
3. Include unit price A & B- trench excavation undercut & backfill with sand or #57 stone
4. Include stock piling of footing spoils onsite for haul off by the site contractor
5. Furnish & install porous fill as 4" of #57 in base bid under slab
6. Furnish & install all necessary accessories and reinforcement
7. Exclude any trade housekeeping pads
8. Any unsuitable soils encountered during footing excavation will be addressed by the Unit Price- A or B

Bid Package 061000: Rough Carpentry

1. Include all work as listed under Specification Section 061000
2. Furnish and install all anchors and fasteners for wood blocking
3. Blocking to include but not limited to Casework, Windows, Doors,

Bid Package 062000: Cabinet / Millwork, Finish Carpentry

1. Include all work as listed under Specification Sections 062000, 064100
2. Include field measurements for all work
3. Include caulking of all associated work
4. Include cutting holes in counters for sinks and / or faucets
5. Include marble windowsills and caulking to adjacent surfaces

Bid Package 079000: Caulking & Sealants

1. Include all work as listed under Specification Section 079000
2. For bidding allow provisions for caulking per the following
 - a. CMU Interior Control Joints- 20' OC
 - b. Brick Veneer Control Joints- 20' OC
 - c. Sidewalk to Brick Veneer All Locations (Tear Away Bead Expansion to be used)
 - d. Sidewalk Control Joints- 20' OC (Tear Away Bead Expansion to be used)
 - e. Exterior Hollow Metal Door Frames- Interior and Exterior
3. Furnish & install all top of wall sealants and insulation as shown on drawings
4. Exclude caulking of storefront windows exterior and interior

Bid Package 081100: Metal / Wood Doors, Frames, Hardware Material

1. Include all work as listed under Specification Sections 081110, 081400, 083000, 084113, 087100
2. Include Allowance #1 within the Bid Price- Door Hardware- \$1,500 per door leaf

3. Allowance #1 does not include taxes, labor or subcontractor OH&P
4. Provide complete system for all hollow metal frames & doors, wood doors and door hardware for each opening
5. The door number delineation on the floor plan is obtained from the letter in the diamond at each door and the room number in the direction in which the diamond is pointing
6. Include in person attendance for keying conference with the owner and generation of a keying schedule
7. Include in person attendance for Access Controls pre-construction meeting
8. Provide interchangeable construction cores and permanent keying cores
9. Exclude glazing, provide all required stops and light kits
10. Include Taxes & Freight within Bid Price

Bid Package 081200: Metal / Wood Doors, Frames, Hardware Labor

1. Include all work as listed under Specification Section 081110, 083000, 084113, 087100
2. Include distribution and installation of all doors and hardware
3. Include receipt, offloading and storage at a centrally located area inside the building
4. Include final site visit to assist owner with installation of permanent keying cores
5. Exclude setting of the hollow metal door frames
6. Exclude glazing

Bid Package 092000: Light Gauge Metal Framing, GWB, Sheathing, Batt

Insulation

1. Include all work as listed under Specification Section 092100, 054100
2. Furnish & install all components for a complete framed & sheathed wall system, for exterior walls from finished floor to roof coping, include framing at exterior door alcoves
3. Include engineered sealed shop drawings for wall framing
4. Furnish & install all components for light gauge systems within the interior of the building including but not limited to walls, ceilings, soffits, bulkheads
5. Set hollow metal door frames in stud walls, provided by door supplier
6. Coordinate with trades to frame rough openings for the following but not limited to:
 - i. Windows, doors, FEC
 - ii. Duct work
7. Exclude air barrier & transition membrane
8. Exclude wood blocking
9. Furnish & install top of wall bracing (stud or CMU) when shown as light gauge metal
10. Furnish & install corner guards
11. Furnish & install cement backer board at ceramic tile locations
12. Furnish & install all components for rated corridor ceilings

Bid Package 095100: Suspended Acoustical Ceiling

1. Include all work as listed under Specification Section 095100
2. Include Unit Price C- additional acoustical ceilings per SF price
3. Include acoustical sealant
4. Exclude hanger wires for other trades
5. Provide attic stock not less than 1% of the ceiling tiles installed

Bid Package 096500: Resilient Flooring, Carpet

1. Include all work as listed under Specification Sections 096500
2. Include cove base to wrap all Lab Casework toe kicks base cabinets and islands
3. Include full floor level and skim in all 3 Science Classrooms
4. Furnish & install all transition strips to adjacent flooring surfaces
5. Furnish & install cove base in all associated flooring locations including at cabinets
6. Furnish and install a full floor level and skim in all renovation areas- Rooms 134-141
7. Provide attic stock for each material not less than 3% for each color, style installed

Bid Package 099000: Painting

1. Include all work as listed under Specification Section 099000
2. Include bid for Bid Alternate #1
3. Include caulking of all interior door frames, FEC, GWB returns
4. Include painting of all exterior opening lintels
5. Exclude paint of piping in the mechanical areas
6. Provide Attic Stock not less than 1 gallon of paint for each color & type used
7. Prime & First Coat to be applied prior to Ceiling Grid, Final Coat to be applied after ceiling grid is installed, wall point up is completed and permanent lighting is energized

Bid Package 101100: Marker boards, Tack boards

1. Include all work as listed under Specification Section 101116.23
2. Include installation of markerboards

Bid Package 101400: Signage

1. Include all work as listed under Specification Section 101400
2. Include a sign for each interior door
3. Include the project plaque
4. Include installation for all signage work

Bid Package 102100: Fire Extinguishers and Cabinets Materials

1. Include all work as listed under Specification Sections 104413
2. Furnish and install fire extinguishers and fire extinguisher cabinets as indicated
3. Provide detail drawings for recesses rough openings
4. Include Taxes within Bid

Bid Package 102200: Fire Extinguishers and Cabinets Labor

1. Include all work as listed under Specification Section 104413
2. Exclude Wood Blocking

Bid Package 122100: Window Treatments

1. Include all work as listed under Specification Section 122113
2. Include site visits for field measurements
4. Include installation

Bid Package 123500: Lab Casework

1. Include all work as listed under Specification Section 064100
2. Furnish & install all faucets, water & drain connections by the plumbing contractor
3. Furnish & install fume hoods
4. Exclude electrical, ducting, curbs & exhaust fans

Bid Package 220000: Plumbing

1. Include all work as listed under Division 22 Specifications
2. Include plumbing demolition for Base Bid, exclude cutting and patching of concrete
3. Include acid dilution tank system
4. Provide Unit Price A & B- Trench Excavation Undercut & Backfill with Sand or #57 Stone
5. Permit Fees are waived
6. Coordinate all aspects of plumbing work with other trades
7. Layout all sleeves and wall penetrations for installation during the time of the wall installation (CMU or Metal Studs)
8. Include any required core drilling
9. Include any required housekeeping pads
10. Include all hangers and supports for scope of work
11. Include access doors as required per code in accordance with Section 083000
12. Include all pipe and valve labeling
13. Include bacterial testing of domestic water system
14. Include all penetration fire stopping of plumbing penetrations at fire wall locations
15. Include final demonstration of all components
16. Include all med gas and air supply lines for lab casework complete

Bid Package 230000: Mechanical

1. Include all work as listed under Division 23 Specifications
2. Include mechanical demolition as indicated within the drawings. Also include the displacement / reinstallation of disturbed ceiling tiles
3. Permit Fees are waived
4. Coordinate all aspects of mechanical work with other trades
5. Layout all sleeves and wall penetrations for installation during the time of the wall installation (CMU or Metal Studs) Cutting duct openings after the wall installation is not acceptable
6. Include all mechanical controls
7. Include any required core drilling
8. Include housekeeping pads
9. Include all piping labeling
10. Include all hangers and supports for scope of work
11. Include access doors as required per code in accordance with Section 083000
12. Include all louvers. Color should be special match to the brick color.
13. Include hanger wires for ceiling trim out per code
14. Include roof curbs
15. Exclude wood blocking for roof curbs
16. Include all penetration fire stopping of mechanical penetrations at fire wall locations
17. Furnish and install access doors as required, Reference Section 083000
18. All duct ends should remain covered at all times
19. Include Test and Balance
20. Exclude exterior HVAC concrete pads
21. Exclude any pipe painting for identification, Include labeling per code

22. Include final demonstration of all components

Bid Package 260000: Electrical, Intercom, Fire Alarm

1. Include all work as listed under Division 26, 27 & 28 Specifications
2. Include electrical demolition as indicated within the drawings. Also include displacement / reinstallation of disturbed ceiling tiles
3. Permit Fees are waived
4. Coordinate all aspects of electrical work with other trades
5. Exclude any cutting and patching of concrete as necessary to facilitate the work
6. Include temporary power
7. Layout all sleeves and wall penetrations for installation during the time of the wall installation (CMU or Metal Studs)
8. Include any required core drilling
9. Include any housekeeping pads
10. Include access doors as required per code in accordance with Section 083000
11. Include all hangers and supports for scope of work
12. Include hanger wires for ceiling trim out per code
13. Include disconnects and wiring from disconnect to all equipment. This includes the final connection to the equipment
14. Include raceways for door access control per electrical plans and door schedule A6.0
15. Include all penetration fire stopping of electrical penetrations at fire wall locations
16. Include final demonstration of all components
17. Low voltage systems to be turnkey
18. Final connection to existing intercom equipment will be by owner
19. Include final demonstration of all components