

BID PACKAGE**BP8B GLASS AND GLAZING
SCOPE OF WORK &
PROJECT SPECIFIC CONDITIONS**

Project Name: Wendell H. Murphy Football Center Kitchen Renovation

SCOPE OF WORK:

Subcontractor agrees to commence Subcontractor's work herein described upon notification by Contractor and to perform and complete such Work in accordance with the Contract Documents and Contractor's Schedule.

Scope – This subcontractor agrees to furnish and install all necessary labor, materials, equipment, taxes incidentals, tools, sales and use taxes, licenses, permits, insurance, freight, supervision, engineering (if applicable) and overtime for the work listed below. Meet all industry and manufacturer's standards, the contract drawings & specifications, addenda if any, and all local/state/federal codes and insurance and/or incidentals necessary to Fabricate and Erect the **Glass and Glazing systems** for the **Wendell H. Murphy Football Center Kitchen Renovation** project. Work under this Subcontract Agreement specifically includes, but shall not be limited to, the following.

1. Work on this project will occur during school year with students and faculty in the building. The owner is allowing the majority of work to commence during normal working hours, but subcontractor understands work will be sequenced to comply with school's requirements (ex. no loud noises during testing times). Loud, odorous, and work in currently occupied areas shall occur off-hours (7pm-7am or weekends). Subcontractor includes all out-of-sequence and off-hours work needed to comply with Owner's requirements.
2. Work in this scope includes Kitchen that is accessed from Level 1 loading dock. Subcontractor includes access and removal of debris from loading dock for this scope of work. Include protection of all finishes from Loading Dock Entry to work space.
3. All work outlined in project specifications to include but limited to:
 - a. 084110 Aluminum-Framed Entrances and Storefronts
 - b. 084126 All-Glass Entrances & Storefronts
 - c. 087100 Door Hardware
 - d. 088000 Glazing
 - e. 089000 Louvers & Vents
 - f. 102310 Glazed Interior Wall and Door Assemblies
4. Competent and experienced Project Management and Field Supervision.
5. Subcontractor on-site Superintendent shall be English speaking.
6. Subcontractor to maintain as-built drawings on site to be reviewed monthly with Shelco prior to the approval of subcontractor's application for payment.

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7. Includes timely submittals, shop drawings, and as-built Record Documents.
8. All closeout information such as warranties and as-built drawings shall be submitted and approved prior to final billing. O&M manuals shall be submitted with 50% billing. Delays in providing this documentation will result in held payments.
9. Subcontractor Project Manager and Field Supervision are required to attend weekly subcontractor meetings. Daily field/manpower reports are required to be submitted to Shelco.
10. Lower tier subcontractors must be supervised by prime subcontractor employees at all times.
11. All subcontractor employees, including tier subcontractors and vendors, are required to abide by OSHA regulations and Shelco Safety Guidelines.
12. Subcontractor shall include protection of adjacent work and unfinished surfaces during the scope of work installation, including but not limited to, HVAC, Plumbing, Electrical, Glazing, Or other permanent structures.
13. Subcontractor is responsible for all lifting equipment required for their work including crane, man lifts, forklifts, lift truck, hoists, etc. The GC will NOT be providing any means of loading or unloading of subcontractor's materials.
14. Subcontractor has reviewed the project schedule and has adequately staffed the project to meet the schedule dates. Work requiring loud or disruptive noise must be coordinated and completed after hours.
15. All Tolerances are to be adhered to. Subcontractor agrees to provide additional materials to accommodate the efforts to meet the required tolerances as indicated on the contract documents.
16. Subcontractor to re-install all safety cables anywhere there is a fall hazard if they remove cable for their work, each day.
17. The Subcontractor agrees to clean up his portion of the work **daily**. Clean-up under this agreement shall include the following but not limited to removal of all waste materials from all areas on a daily basis and placed in Shelco provided dumpsters.
18. Subcontractor to comply with the construction schedule and durations provided by the GC. Saturdays will only be worked as a rain make up day. Subcontractor must provide manpower to maintain schedule on a Mon-Friday work week.
19. This subcontractor will provide the required surveying and layout for the installation of this system from Control points provided by Shelco.
20. Subcontractor shall provide turnkey demountable system for Levels 11 and 12. Includes all field coordination, shop fabrication, glazing, aluminum / glass doors, interior caulking, lever sets, lock sets, door hardware, etc for a turnkey package.
21. Provide shop drawings, product data and sample submittals as required by contract documents and Architect.
22. Subcontractor shall include all installer and manufacturer standard and special warranties as specified and closeout documents.
23. Subcontractor will fabricate, deliver, unload and install all aluminum storefronts, doors and transport to the floor. Subcontractor shall coordinate size of elevator to ensure all materials can be lifted.
24. Subcontractor is to furnish and install all misc. items required for installation of storefront partition system including shims, channels, brackets, angles, plates, connection hardware, fasteners, etc.

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25. Protection of all materials and equipment installed by Subcontractor will be responsibility of the subcontractor for the duration of the project.
26. Subcontractor to coordinate with other trades as a part of their scope of work.
27. Subcontractor shall provide site visit prior to mobilization to ensure other trades are installed in accordance with manufacturer's requirements.
28. Multiple mobilizations will be required to complete scope of work.
29. All door hardware required for aluminum framed entrances and glass doors is included per specifications.
30. All glass & glazing is included per project documents excluding sneeze guards by KEC.
31. Subcontractor shall verify that all areas to receive material are plumb and true prior to installation. Once installation commences, subcontractor accepts the substrate.
32. Show all blocking required on shop drawings. Subcontractor shall sign off on all blocking prior to walls being closed.
33. Includes all sound seals, sealants, and/or caulking required for finished installation.
34. System height and parameters to be per plans.
35. Subcontractor to coordinate floor levelness requirements in the field prior to mobilization.
36. Subcontractor has reviewed the project schedule and can meet all dates shown.
37. Provide and install tempered glass in wood doors. Stops are provided by others but installed by this contractor.
38. Provide and install tempered glass in hollow metal frame sidelites. Stops are provided by others but installed by this contractor.
39. Provide 5 year full warranty and 20 year manufacturer's finish warranty per project specifications. Subcontractor to provide and submit any paperwork necessary to complete warranty process.
40. Removal of exterior glazing and installation of new louver above loading dock on 3rd floor per plans. Existing window frame to remain, vision glass to be replaced with louver and blank off panels matching 2nd floor louver installation. Blank off panels are included with glass & glazing scope for install. Subcontractor to review existing 2nd floor louver installation.
41. Furnish and install Offices 318A & 318B glass wall systems including doors and hardware.
42. Furnish and install Café entry doors and sidelites per 4/A2.01
43. Furnish and install Stainless Steel window frame for dishwash passthrough, detail 1/A2.03
44. Subcontractor has walked the site and included pricing for all items. No change orders will be issued for unknown items not shown on drawings when clearly known.

Worked Excluded:

1. Hollow metal doors and frames.

Alternates:

Players Lounge Offices

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MISCELLANEOUS ITEMS:

Coordination - Subcontractor shall be responsible for reviewing the complete set of building contract drawings and coordinating his work with all other trades involved, including building design loads, underground utility design, and bridging requirements.

Supervision - Subcontractor shall provide one Superintendent or Foreman for project to interface with Shelco Project Superintendent. Subcontractor's Superintendent or Foreman shall not be changed without prior approval of Shelco's Project Superintendent. Subcontractor's Superintendent or Foreman shall be present on site at all times while Subcontractor is performing work.

Waste - Subcontractor acknowledges all waste materials will be properly disposed of in Shelco provided dumpsters.

Seismic - Subcontractor shall be responsible to install and support systems to resist all applicable seismic forces per project requirements.

Warranty – The Subcontractor shall provide a one-year workmanship warranty from the date of final acceptance from the Owner.

Equipment - Subcontractor includes all lifts, equipment, etc. as required for safe installations.

Final Cleaning - Final cleaning is by others, however, the Contractor shall leave his work in a "construction cleaned" condition. "Construction cleaned" is defined as being broom clean when finishing is complete. Comply with product manufacturer's recommendations for cleaning.

It is the intent of this Agreement that a complete and fully complete Glass & Glazing Package in accordance with the contract documents, including miscellaneous items required but not explicitly specified or shown. Subcontractor shall furnish and install all parts, accessories, devices, protection, and all other items necessary for his system to perform its intended function, except as specifically excluded elsewhere in this agreement. Subcontractor shall not assume that any item adjacent to or interfacing with its work will be furnished by others unless specifically so identified elsewhere in this subcontract.