



## Henderson County Capital Projects

100 North King Street, Suite 206  
Hendersonville, North Carolina 28792

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**Memorandum To:** *Interested Bidders*

**From:** *Thad Ninnemann  
Capital Projects Project Manager*

**Subject:** *Request for Proposals  
Blue Ridge Community College Henderson Building Install Welding Booths*

**Date:** *February 12, 2021*

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Henderson County requests proposals to provide a turnkey project inclusive of all labor, materials, concrete pads, traffic control, supervision, disposal fees, permits, inspections to install various components for new welding booths at Blue Ridge Community College. Contractor is to meet or exceed all requirements and specifications outlined during the mandatory Pre-Bid meeting. Work area to be left in a clean and good condition.

**Mandatory Attendance  
Meeting w/Owner:**

**February 26th, 2021 @ 10:00 am**  
Henderson Building Parking Lot Main Entrance  
Blue Ridge Community College  
120 Alumni Way  
Flat Rock, NC 28731

**Proposals are due:**

**March 16th, 2021 by 2:00 pm**  
Henderson County Government Offices  
Attention: Thad Ninnemann  
100 North King Street, 2<sup>nd</sup> Floor, Suite 206  
Hendersonville, NC 28792

**Location of Work:**

BRCC Henderson Building  
120 Alumni Way  
Flat Rock, NC 28731

**Last Day for Questions:**

March 2nd, 2021 at 5:00pm. Question must be in written form by email or USPS letter received on or before the date indicated. Submit all questions to the BRCC Project Coordinator: Marshall Morris @ Marshallm@blueridge.edu



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Sealed hard copy bids, no emails, will be received from bidders by Henderson County at the Henderson County Government Offices, 100 North King Street, Suite 206, Hendersonville, North Carolina 28792 until March 16<sup>th</sup>, 2021 @ 2:00 pm.

### Detailed Scope of Work:

Contractor to provide a turnkey project inclusive of all labor, materials, concrete pads, traffic control, supervision, disposal fees, permits, inspections to install:

Any and all wall penetrations for electric or piping to be fire caulked.

All new electrical to be in EMT with exception being wiring for overhead lights. Overhead wiring for lights may be in flex conduit.

1. Install airline with 2 air outlets for plasma cutters at locations determined at the Pre-Bid.
  - Airline is to be ½" black iron pipe fastened to wall with 2 hole pipe clamps.
  - Each airline outlet to have air regulator.
  - Airline to have 6" drain leg
  - All new and existing airlines to be provided with quick disconnects as dictated by equipment to be used.
2. Install electrical circuit with outlets for (1) 3 phase metal cutting band saw.
  - Circuit to be properly sized for existing 3 phase metal cutting band saw.
  - Outlet to match pin configuration of existing plug for band saw,
3. Replace existing overhead 2 bulb florescent lights with equivalent LED lighting
  - Dual voltage
  - Dimmable
  - 5,000K
  - Suspension mounted with chains.
  - Clear acrylic lens.
4. Provide & install exit light with dual emergency light heads.
  - Similar to Lithonia ECR LED HO M6
  - Minimum of 90 minutes illumination for the rated wattage upon loss of AC power.
5. Assemble (5) metal 5 tier, 60" W x 72"H x 24" D shelving units Grainger model #489K21 (shelving units to be provided by BRCC).
  - BRCC provided shelving is new, still in the box and already stored in the space.
6. Provide & install safety signage. Quantity: one of each listed below. Locations to be discussed during Pre-bid.
  - Mysafetysign.com #S2-0652, 7"x10" aluminum. "Welding area Risk of eye injury and/or blindness. Do not watch arc. Eye protection required"



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- Mysafetysign.com #S2-0722, 7"x10", aluminum. "Eye and ear protection required in this area".
  - Grainger #465V60, 7"x10", aluminum. "Safety gloves required"
  - Grainger #461Y81, 7"x10" aluminum. "Gas cylinder storage area"
7. Install Wirecraft safety cage, posts & associated hardware and privacy slats for welding tanks. Below Wirecrafter parts to be provided by BRCC. Contractor to provide all other hardware, anchor bolts and privacy slats.
- Wirecrafter Safety Cage parts numbers:
    - Side panels: Grainger #35W519, Wirecrafters #38RW (3'W x 8'H) (quantity: 2)
    - Hinged Gate: Grainger #35W83, Wirecrafters #HD378RW (3'-4" W x 8'4"H) (quantity: 1)
    - Corner Posts: Grainger #35W550, Wirecrafters #CP8. (2" x 8'-5 1/4") (quantity: 5)
    - Hinged Door Lock: Grainger #35W631, Wirecrafters #HDLKXKA (Quantity: 1)
    - Post to Wall clips, powder coated. Grainger #35W615, Wirecraft #OPCLCT2H. (Quantity: 3)
  - Safety cage to be secured with anchor bolts to existing concrete.
  - Safety cage to be secured to wall using Wirecrafters Post to Wall clips, powder coated. Grainger #35W615, Wirecraft #OPCLCT2H.
  - Safety cage will be 3 sided. The back of the cage will be an existing brick wall.
  - Contractor to provide and install safety chains to individually secure (2) welding tanks to the brick wall.
  - Privacy slats to be vinyl and woven vertically into safety cage mesh. Color of slats to be determined.
8. Extend existing circuit for outlets and install additional 120v outlets for portable tools at locations discussed during Pre-bid.
- All outlets to be workbench height.
  - All outlets and wiring to be rated for 20 amp.
9. Provide unit pricing to provide & install 6" x 30" vision kits in existing metal entry doors.
- 3/16" or 1/4" tempered clear glass vision kit. Frame to be primed metal.

**Option A:** Provide pricing for the Contactor to provide all Wirecraft components: safety cage, posts & associated hardware for Line item #7 above with the exception of Safety Cage Gate Lock (Wirecraft #35W631) which would be provided by BRCC and installed by Contactor.

**Option B:** Provide pricing to assemble (2) 8'W x 8'L x 6'H portable welding booths with vinyl curtains (Grainger #22RP05). Portable booths and curtains to be provided by BRCC.



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### **GENERAL:**

- Time of Completion: The awarded Contractor must be complete by May 31<sup>st</sup>, 2021.
- Contractor must submit a timeline for beginning and completion of the project
- Install all materials and equipment in accordance with manufacturer's instructions and warranty requirements.
- Contractor is to obtain and pay for any and all required permits and inspections.
- Contractor will be responsible for all utility disconnections and reconnections including gas, electrical, plumbing, flue, and fire alarm systems.
- Furnish the necessary supervision, labor, tools, equipment and materials to complete the work outlined in the engineered drawings and pre-bid meeting.
- Work schedule limitations to be coordinated with the Blue Ridge Community College Project Coordinator.
- The contractor will not be allowed to use College dumpsters. Construction dumpsters will be the responsibility of the Contractor and at the Contractor's expense.
- Contractor will provide traffic flaggers for any road or lane closures needed for delivery of equipment, supplies or work to be done.
- Daily Cleanup of all affected work areas and paths of entry including material delivery or removal.
- Any damage to buildings, walkways, pads, patios and foliage will be the responsibility of the Contractor to repair or replace at their expense.

### **The following information must be included in the proposal:**

1. All applicable licensure with North Carolina.
2. General Workday Schedule for "all anticipated workday start and completions" or stoppage.
3. Warranty on all above work
4. Proposals to be in the form of a proposed contract signed by the bidder and ready for the County's approval, Blue Ridge Community College's approval and having signature lines for signatures by both agencies.
5. Include a copy of COI and W-9 form
6. Proposals should include Line item pricing with lump sum price for the base bid work. Separate pricing for each alternate listed. Do not include pricing for alternates in the base bid pricing.

### **SITE CONDITIONS:**

1. The building will be occupied. Contractors and sub-contractors are limited to the work area.
2. The College has testing which is required by the State and there may be times that noise from machines, power drills and saws and welders may not be allowed. Coordination of these times



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will be discussed during construction meetings. A schedule of classes for the Industrial Skills building will be provided to the contractor before the start of the job.

3. Contractor will not be allowed to work on Graduation day. The date of Graduation will be provided to the Contractor well in advance for scheduling.
4. Work will be permitted Monday – Friday from 7:00am – 8:00pm (with exceptions of the before mentioned College’s testing times and Graduation). Work outside of these hours (including weekends may be permitted with prior approval of the College’s Project Coordinator
5. Contractor must provide proper ventilation when welding. Appropriate measures must be taken to prevent welding fumes from entering the building.
6. A 120 volt/ 20 amp/ single phase circuit will be provided by the owner for power tools. Any electrical needs beyond this are the responsibility of the Contractor.
7. Lifts, hoists, and temporary storage pods for supplies may be parked at a designated area of the Industrial Skills parking lot. BRCC will not be responsible for the security of this equipment or stored items.
8. Sanitary facilities will not be available at the job site. The contractor will not be allowed to use restrooms inside the buildings. The Contractor shall be responsible for the provision and maintenance of portable toilets. A convenient location will be provided at a designated area of the Industrial Skills parking lot.
9. Space for (3) Contractor vehicles will be allowed in the Industrial Skills parking lot. Vehicles will not be allowed to park in the fire lane.
10. Smoking is not permitted on the job site or the college campus. The Contractor and sub-contractors are allowed to smoke inside their vehicles.
11. There will be pedestrian traffic outside of building. Contractor will need to barricade the work area with safety cones, caution tape and construction signage to prevent pedestrians from entering the work area.
12. No vehicles, cranes, equipment will be allowed to cross or drive over sidewalks or concrete pads and patios. Any damage to walkways, pads, patios and foliage will be the responsibility of the Contractor to repair or replace at his expense.
13. All road closures for material delivery must be scheduled with the BRCC Project Coordinator in advance. The Contractor must provide flaggers at any time roads or lanes are closed.
14. All utility interruptions are to be scheduled with the owner. This includes times which the fire notification may need to be taken offline for welding.
15. The contractor will not be allowed to use College dumpsters. If the Contractor requires a dumpster, this will be the responsibility of the Contractor. Space for a contractor provided dumpster will be provided at a designated area of the Continuing Education building side parking lot.
16. Free parking permits will be issued to Contractor and his Subcontractors. These must be displayed from the rear-view mirror and visible.
17. Communication with students is not permitted. Shirts are required at all times.



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18. Weapons are prohibited on school property. It is the policy of Blue Ridge community College that the campus shall be free of unauthorized weapons. No Contractor, subcontractor or employee, while on campus, shall carry or encourage another person to carry, whether openly or concealed an unauthorized weapon as defined by G.S 14-284.1.

### ACCEPTANCE OF WORK

1. All systems installed are to be fully functional and operating as intended when the Contractor has completed the project. Contractor shall demonstrate sustained, satisfactory performance of all equipment and systems in a test run of appropriate duration. Owner's personnel will be notified in advance so that they can be present during test run.
2. All systems should receive all inspections, certifications and permits required by local and State agencies. Owner is to receive written copies of all.
3. Owner is to receive all test reports, warranties, maintenance manuals, product data, closeout documents and as-built drawings. This training will include written preventative maintenance schedules and how to adjust or correct equipment as required for proper performance.

Project will be awarded based on base bid.

See "Doing Business with Henderson County" for general information and Henderson County Insurance and Bond Requirements and Minority Business Participation Guidelines at <https://www.hendersoncountync.gov/county/page/doing-business-henderson-county>

As a party wishing to contract or otherwise do business with Henderson County, You must understand that you have a duty (imposed by North Carolina law in 2013), as a condition of payment for goods provided or services rendered, to Comply with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes (E-Verify). Further, if you provide the goods and services to the County utilizing a subcontractor, you must require the subcontractor to comply With the requirements of Article 2 of Chapter 64 of the General Statutes as well. You are required to verify, by affidavit, compliance of these terms of this Section upon the County's request.

Henderson County reserves the right to reject any and / or all bids. Qualified contractors interested in bidding on the project should contact Marshall Morris @ Marshallm@blueridge.edu

Commented [TN1]: