

ADVERTISEMENT FOR BIDS
UNC Charlotte Science Building Project
EP2 – RUP/Data Center/Site

Balfour Beatty, Construction Manager, will accept sealed bids for UNC Charlotte Science Building Project EP2 – RUP/Data Center/Site located on the campus of The University of North Carolina at Charlotte. Bids will be accepted from pre-qualified 1st tier subcontractors (see attached list) only for the following bid packages:

BP-01A Final Cleaning; BP-01B Cleaning, BP-02A Demolition/Abatement; BP-03A Concrete; BP-04A Masonry and Cast Stone; BP-05A Structural Steel & Misc. Metals; BP-07A Waterproofing and Caulking; BP-07B Roofing; BP-08A HM Doors and Frames and Hardware; BP-09E Epoxy Flooring (alternate); BP-09G Paint; BP-21A Fire Protection; BP-22A Plumbing; BP-23A HVAC; BP-23B Test & Balance; BP-26A Electrical; BP-31A Sitework

Sealed bids will be received by hand and publicly opened and read aloud at **2:00 PM EST on Tuesday September 25, 2018 in the Cone University Center, Room 111** on the UNC Charlotte campus (building #5 on the campus map – <http://maps.uncc.edu>). Parking is available in Cone Deck 1 & 2.

A Pre-Bid Conference will be held **Wednesday September 12, 2018 at 2:00 pm in the Cone University Center, Room 111** on the UNC Charlotte campus (building #5 on the campus map – <http://maps.uncc.edu>). The pre-bid is not mandatory but attendance is highly encouraged. Parking is available in Cone Decks 1 & 2.

An HUB Outreach will be held immediately after the Pre-Bid Conference. HUB firms are encouraged to attend Pre-Bid even if your firm is not looking to Bid as first tier subcontractor. Other Firms will be present and may be looking for low tier subcontractors to increase their firm's participation

Owner Preferred Alternates - Per G.S. 133-3, will be reviewed on Wednesday, September 12, 2018 at 2:00 pm. The University of North Carolina at Charlotte would like to hereby serve public notice of formal notification of preferred brand alternates. Any and all persons shall use this time to state concerns or reservations of any preferred brand alternates.

Alternate 1 – Provide Schneider Electrol controls (digital and BAS) equipment.

Alternate 2 – Provide digital addressable fire alarm system and components by SimplexGrinell LP.

Alternate 3 - Provide epoxy resinous flooring on all concrete floor surfaces

Alternate 4 – Provide following door hardware

- a. Access Controls – Open Options
- b. Interior Cylinders – Schlage IC Large Format cores
- c. Exterior Cylinders – Schlage Primus with IC Large format cores
- d. Lock/Levers – Schlage ND Series
- e. Overhead Closers – LCN 4040XP
- f. Exit Devices – Von Duprin 98/35

Alternate 5 – Provide an FK-5-1-12, Novek 1230 Sapphire clean agent suppression by Ansul Incorporated

Alternate 6 – Provide medium voltage cabling by General Cable (Prysmian), Kerite or Okonite

Alternate 7 – Provide medium voltage switches by S&C Electric Company, Vista series

Alternate 8 – Provide medium voltage, oil-filled, pad-mounted transformers by General Electric, ABB, Schneider Electric or Cooper Power Systems

Alternate 9 – Provide telecommunications hardware, cabling, and connectivity components as referenced in section 003100 – “University of North Carolina at Charlotte Design and Construction Manual, Section 2, Division 27 – Communications: Attachment 3, UNC Charlotte – Bid Alternate Materials List (Category 6A UTP cabling)”.

Alternate 10 – Provide generators by one of the following manufacturers: MTU Onsite Energy, Caterpillar, Cummins

Alternate 11 – Provide overhead busway systems in Data Center with associated plug-in overcurrent devices and twist lock receptacles in lieu of individually hardwired twist-lock receptacles connected to power distribution units. Busway to be by Starline, Part Numbers as follows:

a: Straight Section: US800T5C42-500OP-BLK0

b: End Feed Unit: UF800t5C4S-SNSN-0102P-BLK0

Alternate 12 – (Life Cycle Bid), Chillers CH-1, CH-2, and CH-33

Alternate 13 – (Life Cycle Bid), Boilers B-1 and B-2

Alternate 14 – (Life Cycle Bid), Cooling Towers CT-1, CT-2, and CT-3

If rebidding is required – sealed bids will be received by hand and publicly opened and read aloud at **2:00 PM EST on Thursday October 4, 2018 in the Cone University Center, Room 111** on the UNC Charlotte campus (building #5 on the campus map – <http://maps.uncc.edu>). Parking is available in Cone Decks 1 & 2.

All questions and/or clarifications should be addressed to the Construction Manager, who will then correspond with the Design team, if necessary, for answers and clarifications (see Construction manager contact information below).

Owner: University of North Carolina Charlotte
9201 University City Blvd.
Charlotte, NC 28223

Architect: Clark Nexsen
1523 Elizabeth Ave.
Charlotte, NC 28211
Phone Number 704-364-3400

Construction Manager: Balfour Beatty
1930 Camden Road, Suite 280
Charlotte, NC 28203
Bid Questions, please contact Aaron Frederiksen
Phone: 704-770-5658 email: afrederiksen@balfourbeattyus.com

Pre-Qualified bidders will be provided a complete set of plans, specifications, and bid manual. Other interested 2nd and 3rd tier subcontractors and suppliers are encouraged to quote work to the Pre-Qualified trade contractors. Documents are available for purchased from Sharpe Images for \$160.00 per ½ size set (www.sharpeco.net)

Complete plans, specifications and contract documents will be open for inspection in the offices of:
Balfour Beatty, 1930 Camden Road, Suite 280, Charlotte, NC 28203
ClarkNexsen, 1523 Elizabeth Ave, Suite 300, Charlotte, NC 28223
UNC Charlotte, Facilities Management/Police Building, 2nd floor – Capital Projects, 9151 Cameron Blvd, Charlotte, NC 28223, Phone (704) 687-0615

Digital copies of plans are available at the following locations:

- Metrolina Minority Contractors Association (MMCA), email: mmca@mmcaofcharlotte.org; phone: 877-526-6205
- Construct Connect, email: content@constructconnect.com; phone: 800-364-2059
- North Carolina Offices of Dodge Data & Analytics, phone: 800-393-6343

Bid security in the amount of 5% of the bid amount shall be submitted with each bid (note all bids must be accompanied with a Bid bond). The bid security shall be in the form of a bid bond, a cashier's check, or a certified check on some bank or trust company insured by the Federal Deposit Insurance Corporation made payable to Balfour Beatty. The apparent low responsible, responsive bidder shall have their bid security held by Balfour Beatty until the Trade Contractor agreement is executed and all required documentation and materials are sent forth and approved by Balfour Beatty. All requested documentation and materials must be sent forth to Balfour Beatty in not less than 10 days from acceptance of trade package contract. Bid bonds will be held for 60 days.

Use the standard Bid Bond forms from State Construction Office, this form will be attached to the Bid form in the bid packages handed out at the Pre-bid conference. Bid security will be returned to all bidders after the lowest responsible, responsive trade package contractor is determined and said contractor has agreed to enter into a contract for the work.

Payment and Performance Bonds are waived for Trade Packages under \$500,000 with the exception of the building envelope Trade Packages. If submitting on multiple Trade Packages and the aggregate of the packages meet or exceed \$500,000, Payment and Performance Bonds will be required for each Trade Package. Please note that any and all bid packages will require a 5% Bid Bond, regardless of the value of the package(s).

All Pre-Qualified bidders are encouraged to seek minority business participation. The minimum minority participation goal for this project is 30%. See UNC Charlotte "Good Faith Effort" Requirements as shown in Balfour Beatty bidding requirements. **Note: Bidders shall include with the bid proposal the ID Form – Identification of Minority Business Participation** identifying the minority business participation it will use on the project and shall include either Affidavit A or Affidavit B as applicable. Failure to complete these forms is grounds for rejection of the bid. (GS 143-128.2c Effective 1/1/2002)

All trade package bid proposals must be submitted on the appropriate trade package bid form that pertains to the trade package that you have been pre-qualified to bid. Bids shall be made upon the form of proposal provided by Balfour Beatty for the applicable trade package all forms must be filled out completely and accurately with all applicable information. Do not alter, change or add to the bid forms in anyway, shape or form, this or any added clarifications may result in your bid being withdrawn from consideration. All bids must be signed by an authorized Owner or Officer of the company. Please consult the Bid Manual for all forms.

Bidders who will not attend the Bid Opening need to ensure their sealed bids are delivered no later than **1:00 p.m. Tuesday September 25, 2018** to the following:

Mailed Bids:

Attn: Ms. Joyce Clay
The University of North Carolina at Charlotte
Facilities Management – Capital Project
9201 University City Boulevard
Charlotte, NC 28223-0001

Or

Hand Delivered:

Attn: Ms. Joyce Clay – 2nd Floor Capital Projects
Facilities Management/Campus Police Building (#55 on the campus map)
9151 Cameron Boulevard
Charlotte, NC 28223
(704) 687-0615

No bids may be withdrawn for a period of 60 days after receipt of bid, The CM and Owner reserve the right to reject any and all bids, to waive informalities, and to award contract to other than low bidder should it be deemed in their best interest.