

Contract Documents and Specifications

For

Re-Bid: NEW LANDSCAPING AT UNIVERSITY WAY TRAFFIC CIRCLE

For

University of South Carolina Upstate Campus

Project # CP00362345

January 21, 2013

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Project Number: CP00362345

Project Name: Re-Bid: NEW LANDSCAPING AT UNIVERSITY WAY TRAFFIC CIRCLE

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SE-311

Invitation for Minor Construction Quotes

SCBO NOTES 2, 4 and 5 APPLY TO THIS INVITATION FOR QUOTESPROJECT NAME: Re-Bid: NEW LANDSCAPING AT UNIVERSITY WAY TRAFFIC CIRCLEPROJECT NUMBER: CP00362345 PROJECT LOCATION: USC Upstate Campus, Spartanburg, SCBID SECURITY REQUIRED? Yes No PERFORMANCE BOND REQUIRED? Yes No PAYMENT BOND REQUIRED? Yes No CONSTRUCTION COST RANGE: < \$ 50,000

DESCRIPTION OF PROJECT:

Landscaping and irrigation work for traffic circle on University WaySmall and minority business participation is encouraged.Contractors are responsible for obtaining bid documents and all updates from the USC purchasing website<http://purchasing.sc.edu> See Facilities/Construction Solicitations and AwardsA/E NAME: USC Upstate Facilities Management Department A/E CONTACT: Fred ScottADDRESS: 155 American Way PHONE: 864-503-5500 Fax: 864-503-5542CITY: Spartanburg STATE: sc ZIP: 29303 E-MAIL: FSCOTT@uscupstate.edu

PLANS ON FILE AT: AGC: _____

DODGE: _____

OTHER: _____

PLANS MAY BE OBTAINED FROM: <http://purchasing.sc.edu> See Facilities/Construction Solicitations and AwardsPLAN DEPOSIT AMOUNT: \$ 0 IS DEPOSIT REFUNDABLE? Yes No PRE-QUOTE CONFERENCE? Yes No MANDATORY ATTENDANCE? Yes NoDATE: 02/05/13 TIME: 1:00pm PLACE: FMC Conf Rm, 155 American Way, Spartanburg, SCAGENCY: University of South CarolinaNAME AND TITLE OF AGENCY COORDINATOR: Kay KeislerADDRESS: 743 Greene St PHONE: 803-777-5812 Fax: 803-777-8739CITY: Columbia STATE: SC ZIP: 29208 E-MAIL: kkeisler@fmc.sc.eduIFQ CLOSING DATE: 02/19/13 TIME: 3:00pm LOCATION: 155 American Way, Spartanburg, SC

IFQ DELIVERY ADDRESSES:

HAND-DELIVERY:155 American Way
Spartanburg, SC 29303
Attn: Fred ScottMAIL SERVICE:800 University Way
Spartanburg, SC 29303
Attn: Fred ScottIS PROJECT WITHIN AGENCY CONSTRUCTION CERTIFICATION? (Agency MUST check one) YES NO

APPROVED BY: _____ (State Engineer) _____ (Date)

SE-331
Quote Form

2011 Edition

Quotes shall be submitted only on SE-331

QUOTE SUBMITTED BY: _____
(Offeror's Name)

QUOTE SUBMITTED TO: University of South Carolina
(Agency Name)

FOR PROJECT: CP00362345 Re-Bid: NEW LANDSCAPING AT UNIV WAY TRAF CIR
(Number) (Name)

OFFER

1. In response to the Form SE-311, *Request for Minor Construction Quotes*, and in compliance with the *Instructions to Bidders* for the above-named Project, the undersigned OFFEROR proposes and agrees, if this Quote is accepted, to enter into a Contract with the AGENCY in the form included in the Solicitation Documents, and to perform all Work as specified or indicated in the Solicitation Documents, for the prices and within the time frames indicated in the Solicitation and in accordance with the other terms and conditions stated.

2. Pursuant to Section 11-32-3030(1) of the SC Code of Laws, as amended, OFFEROR has submitted Bid Security as follows in the amount and form required by the Solicitation Documents:

Bid Bond with Power of Attorney Electronic Bid Bond Cashier's Check
(OFFEROR check one, if Bid Security is required)

3. OFFEROR acknowledges the receipt of the following Addenda to the Solicitation documents and has incorporated the effects of said Addenda into its Quote:

ADDENDUM No: _____

4. OFFEROR agrees that this Quote, including all bid alternates, if any, may not be revoked or withdrawn after the opening of bids, and shall remain open for acceptance for a period of 60 Days following the Quote Date, or for such longer period of time that OFFEROR may agree to in writing upon request of the AGENCY.

5. OFFEROR agrees that from the compensation to be paid, the AGENCY shall retain as Liquidated Damages the amount of for each calendar day the actual construction time required to achieve Substantial Completion exceeds the specified or adjusted Contract Time for Substantial Completion, as provided in the Contract Documents.

6. OFFEROR herewith submits its offer to provide all labor, materials, equipment, tools of trades and labor, accessories, appliances, warranties and guarantees, and to pay all royalties, fee, permits, licenses and applicable taxes necessary to complete the following items of construction work:

6.1 BASE BID _____
(enter BASE BID in figures only)

6.2 ALTERNATE NO. 1 _____ to be ADDED/DEDUCTED from BASE BID.
(circle one)

6.3 ALTERNATE NO. 2 _____ to be ADDED/DEDUCTED from BASE BID.
(circle one)

FEIN/SSN: _____

SC Contractor's License Number: _____

Address: _____

Telephone/Fax _____

E-mail _____

This Quote is hereby submitted on behalf of the Offeror named above.

BY: _____
(Signature of Offeror's Representative)

(Print or Type Name of Offeror's Representative)

ITS: _____

USC SUPPLEMENTAL GENERAL CONDITIONS
FOR CONSTRUCTION PROJECTS

1. Contractor's employees shall take all reasonable means not to interrupt the flow of student traffic in building corridors, lobbies and stairs. All necessary and reasonable safety precautions shall be taken to prevent injury to building occupants while transporting materials and equipment through the building to the work area. Providing safe, accessible, plywood pedestrian ways around construction may be required if a suitable alternative route is not available.
2. Fraternalization between Contractor's employees and USC students, faculty or staff is strictly prohibited-zero tolerance!
3. USC will not tolerate rude, abusive or degrading behavior on the job site. Heckling and cat-calling directed toward students, faculty or staff or any other person on USC property is strictly prohibited. Any contractor whose employees violate this requirement will be assessed a fine of up to \$500 per violation.
4. Contractor's employees must adhere to the University's policy of maintaining a drug-free and smoke-free/tobacco free workplace.
5. Contractor must sign a Contractor Key Receipt/Return form before any keys are issued. Keys must be returned immediately upon the completion of the work. The Contractor will bear the cost of any re-keying necessary due to the loss of or failure to return keys.
6. A welding permit must be issued by the University Fire Marshall before any welding can begin inside a building. Project Manager will coordinate.
7. Contractor must notify the University immediately upon the discovery of suspect material such as those potentially containing asbestos or other such hazardous materials. These materials **must not** be disturbed until approved by the USC Project Manager.
8. At the beginning of the project, the USC Project Manager will establish the Contractor's lay-down area. This area will also be used for the Contractor's work vehicles. No personal vehicles will be allowed in this area, or in any areas surrounding the construction site that are not regular or authorized parking lots. Personal vehicles must be parked in the perimeter parking lots. Parking permits can be obtained at the USC Parking Office located in the Pendleton Street parking garage. The lay down area will be clearly identified to the contractor by the PM, with a sketch or drawing provided to Parking. In turn, the contractor will mark off this area with a sign containing the project name, PM name, Contractor name and contact number, and end date. Where this area is subject to foot traffic, protective barriers will be provided as specified by the PM. The area will be maintained in a neat and orderly fashion. Vehicles parked in the lay down area (or designated parking areas) will be clearly marked or display a CPC furnished placard for identification.

Updated: July 15, 2011

9. Contractor will be responsible for providing its own temporary toilet facilities, unless prior arrangements are made with the USC Project Manager.
10. Use of USC communications facilities (telephones, computers, etc.) by the Contractor is prohibited, unless prior arrangements are made with the USC Project Manager.
11. For all projects over \$100,000, including IDC's, an SE-395, Contractor Performance Evaluation, will be completed by the USC Project Manager and reviewed with the GC at the beginning of the project and a copy given to the GC. At the end of the project the form will be completed and a Construction Performance rating will be established.
12. Contractor is responsible for removal of all debris from the site, and is required to provide the necessary dumpsters which will be emptied at least 1 times per week. Construction waste must not be placed in University dumpsters. THE CONSTRUCTION SITE MUST BE THOROUGHLY CLEANED WITH ALL TRASH PICKED UP AND PROPERLY DISPOSED OF ON A DAILY BASIS AND THE SITE MUST BE LEFT IN A SAFE AND SANITARY CONDITION EACH DAY. THE UNIVERSITY WILL INSPECT JOB SITES REGULARLY AND WILL FINE ANY CONTRACTOR FOUND TO BE IN VIOLATION OF THIS REQUIREMENT AN AMOUNT OF UP TO \$1,000 PER VIOLATION.
13. **Contractor must provide all O&M manuals, as-built drawings, and training of USC personnel on new equipment, controls, etc. prior to Substantial Completion. Final payment will not be made until this is completed.**
14. The contractor will comply with all regulations set forth by OSHA and SCDHEC. Contractor must also adhere to USC's internal policies and procedures (available by request). As requested, the contractor will submit all Safety Programs and Certificates of Insurance to the University for review.
15. Tree protection fencing is required to protect existing trees and other landscape features to be preserved within a construction area. The limits of this fence will be evaluated for each situation with the consultant, USC Arborist and USC Project Manager. The tree protection fence shall be 5' high chain link fence unless otherwise approved by USC Project Manager. No entry or materials storage will be allowed inside the tree protection zone. A 4" layer of mulch shall be placed over the tree protection area to maintain moisture in the root zone.
16. Where it is necessary to cross walks, tree root zones (i.e., under canopy) or lawns the following measures shall be taken: For single loads up to 9,000 lbs., a 3/4" minimum plywood base shall be placed over areas impacted. For single loads over 9,000 lbs., two layers of 3/4" plywood is required.
17. For projects requiring heavy loads to cross walks tree root zones or lawns. A construction entry road consisting of 10' X 16' oak logging mats on 12" coarse, chipped, hardwood base. Mulch and logging mats shall be supplemented throughout the project to keep

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matting structurally functional.

18. Any damage to existing landscaping (including lawn areas) will be remediated before final payment is made.
19. Orange safety fence to be provided by the contractor. (USC Arborist, Kevin Curtis may be contacted at 777-0033 or 315-0319)

Campus Vehicle Expectations

1. All motorized vehicles on the University campus are expected to travel and park on roadways and/or in parking stalls.
2. All motorized vehicle traffic on USC walkways must first receive the Landscape Manager=s authorization. Violators may be subject to fines and penalties.
3. All motorized vehicles that leak or drip liquids are prohibited from traveling or parking on walks or landscaped areas.
4. Contractors, vendors, and delivery personnel are required to obtain prior parking authorization before parking in a designated space. Violators may be subject to fines and/or penalties. See Item 10 below.
5. Drivers of equipment or motor vehicles that damage university hardscape or landscape will be held personally responsible for damages and restoration expense.
6. Vehicle drivers who park on landscape or drives must be able to produce written evidence of need or emergency requiring parking on same.
7. All vehicles parked on landscape, hardscape, or in the process of service delivery, must display adequate safety devices, i.e. flashing lights, cones, signage, etc.
8. All drivers of equipment and vehicles will be respectful of University landscape, equipment, structures, fixtures and signage.
9. All incidents of property damage will be reported to Parking Services or the Work Management Center.
10. Parking on campus is restricted to spaces designated by Parking Services at the beginning of the project. Once the project manager and contractor agree on how many spaces are needed, the project manager will obtain a placard for each vehicle. This placard must be hung from the mirror of the vehicle, otherwise a ticket will be issued and these tickets cannot be "fixed". Parking spaces are restricted to work vehicles only; no personal vehicles.

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University of South Carolina Upstate Campus

CONTRACTOR'S ONE YEAR GUARANTEE

STATE OF _____

COUNTY OF _____

WE _____
as General Contractor on the above-named project, do hereby guarantee that all work executed under the requirements of the Contract Documents shall be free from defects due to faulty materials and /or workmanship for a period of one (1) year from date of acceptance of the work by the Owner and/or Architect/Engineer; and hereby agree to remedy defects due to faulty materials and/or workmanship, and pay for any damage resulting wherefrom, at no cost to the Owner, provided; however, that the following are excluded from this guarantee;

Defects or failures resulting from abuse by Owner.

Damage caused by fire, tornado, hail, hurricane, acts of God, wars, riots, or civil commotion.

[Name of Contracting Firm]

*By _____

Title _____

*Must be executed by an office of the Contracting Firm.

SWORN TO before me this _____ day of _____, 2____ (seal)

_____ State

My commission expires _____

TECHNICAL SPECIFICATIONS

CP00362345

NEW LANDSCAPING AT UNIVERSITY WAY TRAFFIC CIRCLE UPSTATE

Irrigation and Landscape Installation

Part 1 General

1.01 Scope of Work

- A. Objective is to install irrigation and landscape the USC Upstate University Way Circle and Core Parking area.
- B. All measures shall be taken to adhere to design requirements and to provide quality construction per USC Upstate specifications.
- C. Installation shall include planting areas conducive for optimum health of installed plant materials.
- D. Protection and preservation of existing plant materials and irrigation systems.
- E. Protect/restore turf.
- F. Minimum 5 references shall be submitted upon request after the bid opening demonstrating that this landscape contractor has successfully installed commercial / institutional landscape projects including plant material and irrigation similar in scope to this project with minimum 5 years' experience as part of the contractor responsibility determination process.

Part 2 Products

2.01 Irrigation Components

- A. See irrigation plans for Rain Bird irrigation component details.

2.02 Irrigation Installation

- A. Install new irrigation components in accordance with specifications and manufacturers instruction.
- B. Installation shall include connection to existing stub-out and 6 control wires where specified on the plans.
- C. Use existing sleeves underneath asphalt surfaces where shown on plans.
- D. Bore approximately 30 feet underneath paved road on west side of traffic circle for new irrigation line.
- E. Routing deviations of new irrigation lines shall be requested in writing for approval by Bruce Suddeth prior to installation.
- F. Tamp/compact all disturbed soil.
- G. New zones shall be fully automatic and operational.
- H. Contractor shall be responsible for damages caused by this installation.

2.03 Landscape Components

- A. Install plant materials per schedule shown on the plans.
- B. Install plant materials using good horticultural practices per attached planting details.

2.04 Concrete Pad

- A. Remove sod and unsuitable soils. Compact soil to 90% proctor where scheduled to receive new concrete pad.
- B. Concrete pad shall be 4" thick x 5' radius (10' diameter), fiber reinforced, 3,000 PSI with light broom finish.

2.05 Brick Pavers

- A. Solid brick pavers to match existing paver bands around Administration Fountain roadway. New brick paver: Pathway red by Pine Hall Brick – 2" x 4" x 8" solid brick.
- B. Pavers are to be inset and flush with curbing.
- C. Install 8" thick compacted gravel and fines sub base. Set pavers in 2" compacted screenings. Pavers to finish flush with top of existing concrete curb. Broom fine sand in all joints.
- D. Metal painted edging or similar to be used for holding pavers in place.
- E. The width of paver strips shall be 3' around entire perimeter of circle curbing.

Part 3 Execution

3.01 Examination

- A. Inspect site to determine irrigation requirements in this scope of work.
- B. Determine plant material layout per landscape plan and utility locations.

3.02 Preparation

- A. All materials shall be purchased and installed by contractor and stored on-site adjacent to area.
- B. Plant installation and fertilization shall be completed in accordance with professional landscape guidelines.
- C. Location Services: Contractor shall contact PUPS for public utility locates, Metropolitan Water (864-503-0822) and USC Upstate (864-503-5500) minimum 3 business days prior to bid.
- D. Contractor shall contact Bruce Suddeth for USC Upstate locate.
- E. Protect adjacent site and return to original condition.

3.03 Project Close-out

- A. Provide USC Upstate with project close-out documentation that project was completed in accordance with plans and specifications.
- B. Submit as-built in ACAD format compatible with version 9 and three copies of all close-out documents.

Planting Notes:

1. Materials list is prepared for estimating purposes.
2. Contractor shall identify all shrub bed lines, tree locations, and shrub groupings for approval by USC Upstate Building & Landscape Services Director before beginning planting operations.
3. All plant beds to receive 3" maximum double hammered hardwood mulch except as noted.
4. All plant material shall conform to standard set forth by "American Standards for Nursery Stock" published by the American Nursery and Landscape Association.
5. All plant material shall be protected during transport and delivery to job site with shade cloth or other acceptable means of windburn prevention.
6. Any substitutions in size and/or plant material must be approved by the USC Upstate Building & Landscape Director.
7. All trees must be straight trunk, full headed, and meet all requirements as specified.
8. Prior to construction, the contractor is responsible for locating all underground utilities and shall avoid damage to all utilities during construction. Damage caused by this contractor to any utilities, shall make required repairs as quickly as practicable, at contractor's expense.

9. All elements of landscaping shall be installed so as to meet all applicable ordinances and codes requirements.
10. Balled and burlap material shall have the top one half (1/2) of the burlap and straps removed as well as the baskets cut away from root ball.
11. Turf grass shall be planted after all plants are installed and mulched, seed and or sod bed preparations by means of pulverization to loosen soil. Smooth and fine grade area removing any rocks, roots, trash, and clods over entire area impacted by landscape installation.
12. The contractor is responsible for the addition of topsoil in all planting areas. Topsoil shall be natural, friable, loamy soil characteristic of productive soil in vicinity. It shall be reasonably free of stones larger than 1 inch, clay lumps, roots, toxic substances, debris, and other foreign matter harmful to plant growth. Provide imported topsoil material as required to complete the work. Obtain soil amendment and fertilization recommendations from testing agency for the plant materials specified for the project.

End of Section