



CITY OF COLUMBIA
CITY COUNCIL MEETING AGENDA
TUESDAY, DECEMBER 2, 2014 - 6:00 P.M.
CITY HALL - 1737 MAIN STREET
COUNCIL CHAMBERS - 3RD FLOOR

Prior to entering the meeting please turn all electronic communication devices to the silent, vibrate or off position. All presenters are asked to speak directly into the microphone for recording purposes.

The Columbia City Council will conduct a Meeting on Tuesday, December 2, 2014 at 6:00 p.m. at City Hall, 1737 Main Street, Columbia, South Carolina.

ROLL CALL

PLEDGE OF ALLEGIANCE

INVOCATION

Chaplain Darrell Croft, Columbia Fire Department

ADOPTION OF THE AGENDA

PUBLIC INPUT RELATED TO AGENDA ITEMS

APPROVAL OF MINUTES

1. Meeting Minutes of [November 18, 2014](#)

PRESENTATIONS

2. City LIGHTs Employee Recognition – Ms. Teresa Wilson, City Manager
3. Let's Move! Cities, Towns and Counties Gold Medalist and Most Dedicated Local Elected Official Recognition – Ms. Teresa Wilson, City Manager
4. [Toliver's Mane Event Business Spotlight Honoree Proclamation](#) – The Honorable Mayor Stephen K. Benjamin
5. [2014 Midlands Regional Competiveness Report](#) – Ms. Meghan Hughes Hickman, Executive Director of EngenuitySC
6. Five Points' Centennial Year Celebration – Ms. Amy Beth Franks, Executive Director of the Five Points Association
7. [Walk Bike Columbia Update](#) – Ms. Lucinda Statler, AICP, Urban Design Planner for the Planning and Development Services Department and Mr. Gregory Sprouse, Director of Research and Planning and Development for the Central Midlands Council of Governments

OTHER MATTERS

8. Council is asked to approve the [Installation of Seven \(7\) Speed Humps](#) in the Eastlake Subdivision, as requested by the Neighborhood Association.

CONSENT AGENDA

Council is asked to approve the **Consent Agenda Items 9 through 43.**

CONSIDERATION OF BIDS and AGREEMENTS

9. Council is asked to approve the [Purchase of Two \(2\) Ford SUV Police Interceptor Trucks](#), as requested by the Fleet Services Division. Award to Vic Bailey Ford, using the SC State Contract in the amount of \$54,706.00. This vendor is located in Spartanburg, SC. *Funding Source: Capital Replacement-Auto, Trucks, Heavy Equipment Capital; 6308972-658500 – **Note:** The original budgeted amount for this purchase is \$54,706.00.*
10. Council is asked to approve the [Purchase of Motorola Radio Equipment and Corresponding Software and Accessories for Thirty-three \(33\) New Police Cars](#), as requested by the Fleet Services Division. Award to Motorola Systems, using the SC State Contract in the amount of \$143,673.75. This vendor is located in Sumter, SC. *Funding Source: Capital Replacement/Small Hand Tools Other Equipment; 6308972-623100 – **Note:** The original budgeted amount for this purchase is \$150,000.00.*
11. Council is asked to approve the [Purchase of Thirty-Three \(33\) Coban Cameras and Accessories](#), as requested by the Police Department. Award to Coban, using the SC State Contract in the amount of \$175,108.90. This vendor is located in Houston, TX. *Funding Source: Capital Replacement / Computer Equipment / Hardware 6308972- 627500*
12. Council is asked to approve the [Purchase of Ninety-Five \(95\) Body Armor and Carriers](#), as requested by the Police Department. Award to Lawmen's Safety Supply, Inc., using the SC State Contract in the amount of \$80,000.00. This vendor is located in Columbia, SC. *Funding Source: Police Administrative Services/Uniforms and Clothing; 1012402-624100 – **Note:** This purchase will help increase public safety services. The original budgeted amount for this purchase is \$80,000.00.*
13. Council is asked to approve the [Purchase of Two \(2\) Prisoner Transport Vans](#), as requested by the Fleet Services Division. Award to Sirchie Vehicles, using the U.S. General Service Administration Contract in the amount of \$101,704.52. This vendor is located in Medford, NJ. *Funding Source: Capital Replacement/Auto, Truck, Heavy Equipment-Capital; 6308972-658500 – **Note:** The original budgeted amount for this purchase is \$105,340.70.*

14. Council is asked to approve a [Contract Renewal for Safety Boots and Shoes](#), as requested by the Support Services Division. Award to Tyler Brothers in the amount of \$84,319.05. This vendor is located in Wagner, SC. *Funding Source: Fleet Services/Supplies-Safety Clothing & Supplies; 6208956-625900 – **Note:** This is a three (3) year agreement with the option to extend for two (2) additional years. The original budgeted amount is \$84,319.05.*
15. Council is asked to approve the [Purchase of Five \(5\) Sludge Dewatering Boxes for Fiscal Year 2014 / 2015](#), as requested by the Metro Wastewater Treatment Plant. Award to Wastequip, LLC in the amount of \$63,180.00. This vendor is located in Statesville, NC. *Funding Source: Utilities Metro Wastewater Treatment Plant; 5516208-658300 – **Note:** The original budgeted amount for this purchase is \$108,000.00.*
16. Council is asked to approve the [Sole Source Purchase for Services related to Development, Training, Software Maintenance and Annual Renewal Fees](#) for the Metro Wastewater Treatment Plant Water Information Management Solutions Software, as requested by Metro Wastewater Treatment Plant. Award to Hach Company in the amount of \$122,589.00. This vendor is located in Loveland, CO. *Funding Source: Utilities Metro Wastewater Plant/Maintenance and Service Contract; 5516208-638200 – **Note:** The original budgeted amount for this purchase is \$300,000.00. This project is associated with the Clean Water 2020 Program.*
17. Council is asked to approve an [Agreement for Engineering Services for Design and Construction Management Services](#) at Seven (7) Pressure Reducing Valve Stations and modifications to the Sharpe Road Pump Station, as requested by the Utilities and Engineering Department. Award to Chao and Associates in an amount not to exceed \$128,760.00 (\$97,900 is for structural design; \$25,860 is for construction administration services on an hourly basis and \$5,000 is for reimbursable expenses). This vendor is located in Columbia, SC. *Funding Source: WM4282 – **Note:** This is a Protégé Led Project and Hazen and Sawyer and Charles R. Underwood, Inc. are the sub-consultants and will provide inspection and a repair design for the turbine pump. The original budgeted amount for this project is \$130,000.00.*
18. Council is asked to approve a [Professional Services Contract for Renovations at EdVenture](#), as requested by the Support Services Division. Award to North Lake Construction, Co. Inc., in the amount of \$157,800.00. This vendor is located in Lexington, SC. *Funding Source: Congaree Vista Control-Professional Services; 4019999-636600 – **Note:** The original budgeted amount is \$350,000.00.*

19. Council is asked to approve the [Purchase of Screening and Compost Grinding for Fiscal Year 2014 /2015](#), as requested by the Solid Waste Division. Award to Hensons', Inc., in the amount of \$196,950.00. This vendor is located in Tryon, NC. *Funding Source: Solid Waste Compost; 1014406-638500 – **Note:** The original budgeted amount is \$200,000.00.*
20. Council is asked to approve a [Contract Renewal to Provide Uninterrupted CAD Software and Maintenance Services through December 2015](#), as requested by Columbia-Richland 911 Communications. Award to TriTech Software Systems in the amount of \$278,492.40. This vendor is located in Dallas, TX. *Funding Source: City Account 1012701-638200; \$139,246.20 and County Account 2082702-638200; \$139,246.20 – **Note:** The original budgeted amount is \$278,492.40.*
21. Council is asked to approve an [Agreement for Technical Consulting Support for the Riverbanks Zoo Pump Station](#), as requested by the Utilities and Engineering Department. Award to American Engineering Consultants, Inc., in an amount not to exceed \$502,395.00. This vendor is located in Columbia, SC. *Funding Source: Sanitary Sewer Capital Outlay; 5529999-SSSS7289-658660 – **Note:** This is a Mentor Protégé Program Project and Civil Engineering Consulting Services, Inc. (Protégé) a WBE firm located in Columbia, SC will receive 20.35% of the contract value. This agreement will provide technical consulting support for a new pump station and force main that will divert wastewater flows for the Riverbanks Zoo gravity sewer. The original budgeted amount for this project is \$4,600,000.00 (\$600,000 is for professional services and \$4,000,000 is for construction). This project is associated with the Clean Water 2020 Program.*
22. Council is asked to approve [Project WM4230; Lake Murray Water Treatment Plant Disinfection, Residuals Handling and Pumping Improvements](#), as requested by the Utilities and Engineering Department. Award to M.B. Kahn Construction, the lowest responsive and responsible bidder in the amount of \$21,462,300.00 with a project contingency of \$600,000.00 for a total amount of \$22,062,300.00. This vendor is located in Columbia, SC. *Funding and Supplement Source: Water Improvement Fund; 5529999-WM423001-658650 (\$22,000,000) and Unforeseen Projects; WM4323 (\$62,300) – **Note:** This project was in 20% participation provisions and achieved 48% (\$10,663,712) of subcontractor outreach participation. The original budgeted amount for this project is \$22,000,000.00.*

ORDINANCES – SECOND READING

23. [Ordinance No.: 2014-119](#) – Granting an encroachment to CenturyLink Communications, Inc. for installation and maintenance of conduit and fiber optic cable within the right of way area of the 300 block of Lincoln, 900 and 1000 blocks of Catawba, 200 block Park Street and 1000 block of Whaley Street, Richland County TMS No.: 08914-17-01, 08913-05-05, 08913-05-03, 08914-08-09, 08914-08-07, 11301-01-01 and 11301-02-06 adjacent to 1000 Catawba Street, Richland County TMS No.: 11301-02-01
24. [Ordinance No.: 2014-096](#) – Amending the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 11, Licenses, Permits, Business Regulations, Article III, Contractors, Sec. 11-71, Permit, indemnification and insurance requirements for work affecting streets or other public property (c) Contractors working for city
25. [Ordinance No.: 2014-100](#) – Authorizing the City Manager to execute a Partial Release of Right of Reverter by the City of Columbia to allow for the transfer of approximately 0.014 acre (597 square feet) along Rosewood Drive and Bluff Road to the South Carolina Department of Transportation
26. [Ordinance No.: 2014-106](#) – Repealing Ordinance No.: 2014-077 Authorizing the City Manager to execute an Agreement between the City of Columbia and Multicon Development Company for the Devine Street Parking Garage and authorizing the City Manager to execute Party Wall Agreements and Easements for Public Pedestrian, Bicycle and Emergency Vehicle Access as Contemplated in the Agreement
27. [Ordinance No.: 2014-110](#) – Granting an encroachment to Landtech Holdings, LLC for installation and maintenance of a concrete sidewalk, driveway, curb, gutter and asphalt parking area within the right of way area of the 500 block of Lady Street adjacent to 522 Lady Street
28. [Ordinance No.: 2014-120](#) – Authorizing the City Manager to sign a Waiver of the Notice Provision contained in the Easement Agreement dated March 22, 2006 between the City of Columbia and Capitol Places I, LLC for property known as 1504 Main Street, Richland County TMS No.: 09014-09-17 and authorize the City Manager to execute a Deed to the property described in the Easement Agreement pursuant to the Purchase Option contained therein *Note: This is for the Kress Building.*
29. [Ordinance No.: 2014-121](#) – Authorizing the City Manager to execute a Lease between the City of Columbia and Cornerstone Baptist Church for lease of an approximately 34,718 square feet (0.797 acres) portion of the Heyward Street Right of Way located adjacent to 101 Wayne Street between Olympia Avenue and Parker Street for use as a parking area for church functions

30. [Ordinance No.: 2014-122 \(Revised\)](#) – Authorizing the City of Columbia, South Carolina, to Execute and Deliver and Equipment Lease Purchase Agreement in the amount of not exceeding \$7,000,000 between the City and the Lessor thereof to defray the cost of acquiring certain equipment; and other matters relating thereto
31. [Ordinance No.: 2014-123](#) – Consenting to the Inclusion of Property in a Multi-County Industrial/Business Park (Project Peak Blue Atlantic Columbia, LLC, Parcel 1, Parcel 2 and Parcel 3, Richland County TMS #11406-13-01, Richland County TMS #11406-13-02, Richland County TMS # 11406-13-03 and Richland County TMS # 11406-13-04, Harden Street, Gervais Street, Laurens Street and Lady Street)

TEXT AMENDMENT – SECOND READING

32. [Create §17-297 and Amend §258, Table of Permitted Uses](#), to clearly define convenience stores, and to permit the use with a special exception.

Proposal:	Create §17-297, Convenience stores, to define the category and conditions to permit the use with a Special Exception. Amend §258, Table of Permitted Uses to add category as a special exception requirement and to identify the section as 17-297.
Applicant:	Councilman Sam Davis
PC Recommendation:	Approve with Conditions (5-2), 10/06/14
Staff Recommendation:	Approve

[Ordinance No.: 2014-102](#) – Amending the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 17, Planning, Land Development and Zoning_ Article III, Zoning, Division 8, District Descriptions; Use and Dimensional Regulations to add Sec. 17-297 Convenience Stores – *First reading approval was given on November 18, 2014.*

ANNEXATION WITH MAP AMENDMENT – SECOND READING

33. [1509 Aralia Drive](#), TMS#13705-15-04; request to annex and zone the properties RS-3 (Single Family Residential). The property is zoned RS-HD (Residential, Single-Family – High Density) in Richland County. – *First reading approval was given on November 18, 2014.*
- | | |
|-----------------------|---|
| Council District: | 3 |
| Proposal: | Annex and zone properties RS-3; contiguous; Primary Annexation Area |
| Applicant: | Mary H. Lucas |
| PC Recommendation: | Approve (6-0); 05/05/14 |
| Staff Recommendation: | Approve |

[Ordinance No.: 2014-073](#) – Annexing 1509 Aralia Drive, Richland County TMS #13705-15-04 – *First reading approval was given on November 18, 2014.*

34. [3403 Lyles Street](#), TMS#09107-13-08; request to annex and zone the properties RG-2, -DP (General Residential District, Design Preservation Overlay). The property is zoned RM-HD (Residential, Multi-Family – High Density) in Richland County. – *First reading approval was given on November 18, 2014.*

Council District: 1
Proposal: Annex and zone properties RG-2 –DP; contiguous; Donut Hole Annexation Area
Applicant: Emily Lucero
PC Recommendation: Approve (6-0); 06/02/14
Staff Recommendation: Approve

[Ordinance No.: 2014-074](#) – Annexing 3403 Lyles Street, Richland County TMS #09107-13-08 – *First reading approval was given on November 18, 2014.*

35. [O Colony Forest Drive & N/S Beltline Boulevard](#), TMS# 11610-01-02 & 11605-06-06; request to annex and zone the properties RG-2 (General Residential District). The property is zoned RU (Rural District) in Richland County. – First reading approval was given on November 18, 2014. – *First reading approval was given on November 18, 2014.*

Council District: 2
Proposal: Annex and zone properties RG-2; contiguous; Donut Hole
Applicant: TN Development Corporation
PC Recommendation: Approve (7-0); 08/04/14
Staff Recommendation: Approve

[Ordinance No.: 2014-111](#) – Annexing O Colony Forest Drive and N/S Beltline Boulevard, Richland County TMS #11610-01-02 and 11605-06-06 – *First reading approval was given on November 18, 2014.*

36. [National Guard Road](#), TMS#11100-01-04; request to annex and zone the properties M-1 (Light Industrial). The property is zoned M-I (Light Industrial) in Richland County. – *First reading approval was given on November 18, 2014.*

Council District: 3
Proposal: Annex and zone properties M-1; contiguous; Primary
Applicant: Donald E. Lovett, Practice Field, LLC
PC Recommendation: Approve (6-0); 08/04/14
Staff Recommendation: Approve

[Ordinance 2014-112](#) – Annexing 25.74 acres, National Guard Road, Richland County TMS #11100-01-04 – *First reading approval was given on November 18, 2014.*

37. [6904 Welborn Road](#), TMS#19203-03-04; request to annex and zone the properties RS-1 (Single Family Residential District). The property is zoned RS-LD (Residential, Single Family, Low Density) in Richland County. – *First reading approval was given on November 18, 2014.*

Council District: 4
Proposal: Annex and zone properties RS-1; contiguous; Primary
Applicant: Dayal Estates, LLC
PC Recommendation: Approve (7-0); 08/04/14
Staff Recommendation: Approve

[Ordinance No.: 2014-113](#) – Annexing 6904 Welborn Road, Richland County TMS #19203-03-04 – *First reading approval was given on November 18, 2014.*

38. [6809 Welborn Road](#), TMS#19203-02-09; request to annex and zone the properties RS-1 (Single Family Residential District). The property is zoned RS-LD (Residential, Single Family, Low Density) in Richland County. – *First reading approval was given on November 18, 2014.*

Council District: 4
Proposal: Annex and zone properties RS-1; contiguous; Primary
Applicant: Hazel Williams
PC Recommendation: Approve (7-0); 09/08/14
Staff Recommendation: Approve

[Ordinance No.: 2014-114](#) – Annexing 6809 Welborn Road, Richland County TMS #19203-02-09 – *First reading approval was given on November 18, 2014.*

39. [E/S Williams Street](#), TMS#08816-09-12; request to annex and zone the properties RG2 (General Residential District). The property is zoned HI (Heavy Industrial) in Richland County. – *First reading approval was given on November 18, 2014.*

Council District: 2
Proposal: Annex and zone properties RG-2; contiguous; Primary
Applicant: Granby Project Owner, LLC
PC Recommendation: Approve (7-0); 09/08/14
Staff Recommendation: Approve

[Ordinance No.: 2014-115](#) – Annexing 0.4880 acre E/S Williams Street, Richland County TMS #08816-09-12 – *First reading was given on November 18, 2014.*

40. [1424 Atlas Street](#), TMS# 16305-02-08; request to annex and zone the property M-2 (Heavy Industrial). The property is zoned HI (Heavy Industrial) in Richland County. – *First reading approval was given on November 18, 2014.*
 Council District: 3
 Proposal: Annex and zone properties M-2; contiguous;
 Primary
 Applicant: Atlas Properties, LLC
 PC Recommendation: Approve (7-0); 10/06/14
 Staff Recommendation: Approve

[Ordinance No.: 2014-116](#) – Annexing 1424 Atlas Road, Richland County TMS #16305-02-08 – *First reading approval was given on November 18, 2014.*

41. [2790 Shop Road](#), TMS#16200-04-40; TMS#16200-04-40; request to annex and apply an interim zoning district of M-1 (Light Industrial). The property is zoned M-1 (Light Industrial) in Richland County. – First reading approval was given on November 18, 2014 – *First reading approval was given on November 18, 2014.*
 Council District: 3
 Proposal: Annex and zone properties M-1; contiguous;
 Secondary
 Applicant: RE/SG Columbia, LLC
 PC Recommendation: Approve (5-0); 11/03/14
 Staff Recommendation: Approve

[Ordinance No.: 2014-117](#) – Annexing 2790 Shop Road, Richland County TMS #16200-04-40 – *First reading approval was given on November 18, 2014.*

MAP AMENDMENT – SECOND READING

42. [2127 Park Street](#), TMS# 09012-11-06; request to rezone from RG-2, -DP (General Residential District, Design Preservation Overlay) to C-1, -DP (Office and Institutional, Design Preservation Overlay). – *First reading approval was given on November 18, 2014.*
 Council District: 1
 Proposal: Rezone parcel from RG-2, -DP zoning to C-1, -DP
 Applicant: Deon O’Neil
 PC Recommendation: Approve (6-0), 09/08/14
 Staff Recommendation: Approve

43. [2411 Two Notch Road](#), TMS#11511-11-03; request to rezone from C-3, RG-1 (Split General Commercial, General Residential) to C-2 (Neighborhood Commercial). – *First reading approval was given on November 18, 2014.*
- Council District: 2
- Proposal: Rezone parcel from C-3, RG-1 zoning to C-2
- Applicant: Rebecca Jacobson, MPH, The Family Shelter, Inc.
- PC Recommendation: Approve (7-0), 09/08/14
- Staff Recommendation: Approve

END CONSENT AGENDA

TEXT AMENDMENT – SECOND READING

44. [Amend §17-321 \(Private Dormitory\) and §17-258 Table of Permitted Uses \(Revised\)](#) to permit the use and reduce the spacing requirements in the C-3 zoning district.
- Proposal: Amend Chapter 17, Article III, Division 9, §17-321 (Private Dormitory) to permit the private dormitory use with conditions in the C-3 zoning district, and to modify certain specific criteria therein.
- Applicant: Mayor Stephen K. Benjamin
- PC Recommendation: Approve (7-0), 10/06/14
- Staff Recommendation: Approve

[Ordinance No.: 2014-103 \(Revised\)](#) - Amending the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 17, Planning, Land Development and Zoning, Article III, Zoning, Division 9, Supplementary District Regulations, Sec. 17-321 Private dormitory – *First reading approval was given on November 18, 2014 by a vote of five (5) to one (1) with the caveat that effective January 1, 2015 there will be no additional applications accepted for private dormitories in the C-3 zoning districts until a new zoning ordinance is adopted.*

ORDINANCES – FIRST READING

45. [Ordinance No.: 2014-093](#) – Granting an encroachment to Robert A. Koons and Nancy R. Koons for removal and replacement of a tree, relocation of existing sidewalk and curbing; construction and maintenance of new sidewalk and curbing, driveway, pavers, landscaping and irrigation system within the right of way area of the 1000 block of Gregg Street adjacent to 1026 Gregg Street, Richland County TMS #11405-14-17

46. [Ordinance No.: 2014-124](#) – Authorizing Acceptance and Dedication of Streets by Quitclaim Deeds from the South Carolina Department of Transportation into the City's Streets System, Identified as portions of Gist Street (S40-1987), Pall Mall Street (S-40-1494), Picadilly Street (S40-1649), Catawba Street (S40-891), Wayne Street (S40-762), Williams Street (S40-1531) and Whaley Street (S40-454) in Richland County
47. [Ordinance No.: 2014-125](#) – Authorizing Conveyance of Streets by Quitclaim Deeds from the City of Columbia to the South Carolina Department of Transportation, Identified as Portions of Main Street a/k/a South Main Street (from Pendleton Street to Blossom Street), Richland County TMS#08916-06, TMS#11304-08, 07, & 06 and TMS#11303-02, 03,12 & 13 and Park Terrace Drive (from Harbison Boulevard to Lexington County TMS#002898-01-021 (private R/W), Lexington County TMS#002898-01-036

RESOLUTIONS

48. [Resolution No.: R-2014-100](#) – Supporting a business recruitment project by the University of South Carolina to be located at the future Horizon II facility on the Southeast corner of Blossom Street and Assembly Street
- ~~49. [Resolution No.: R-2014-118](#) – Approving the honorary naming of the intersection of 2000 block of Greene Street between Laurens Street to Harden Street "Andy Shlon Street"~~

CITY COUNCIL COMMITTEE REPORTS/REFERRALS

50. [Arts and Historic Preservation Committee Report](#)

Members of Council are asked to provide committee reports and/or present motions to refer specific matters to a Council Committee at this time.

APPEARANCE OF THE PUBLIC

Meeting Dates	Type of Meeting	Meeting Times
December 2, 2014	Work Session	2:00 p.m.
	<i>City Hall – 1737 Main Street – 2nd Floor Conference Room</i>	
	Council Meeting	6:00 p.m.
	<i>City Hall – 1737 Main Street – Council Chambers</i>	
December 16, 2014	Work Session	2:00 p.m.
	<i>City Hall – 1737 Main Street – 2nd Floor Conference Room</i>	
	Council Meeting	6:00 p.m.
	<i>City Hall – 1737 Main Street – Council Chambers</i>	

In accordance with Ordinance No.: 2004-094 – Amending the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 2, Administration, to add VI, Lobbyist, Sec. 2-302. (a) Any person who acts as a lobbyist must within fifteen days of being employed or retained as a lobbyist, register with the city clerk. (b) The registration must be in a form approved by the city council that includes only the name and business address of the lobbyist, the name and business address of the person or entity that compensates the lobbyist and the issue or matter for which the lobbyist has been retained. A separate form shall be submitted for each issue or matter and each person or entity who compensates the lobbyist. (c) Any lobbyist who is employed by the city or has contracts with the city must seek approval by city council to be a lobbyist for other clients so long as he is employed or under contract. To obtain a Lobbyist Registration Form please contact the Office of the City Clerk at (803) 545.3045 or send your request to cityclerk@columbiasc.net.