

COUNTY COUNCIL OF BEAUFORT COUNTY

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AGENDA PUBLIC FACILITIES COMMITTEE

Monday, June 17, 2013

4:00 p.m.

Executive Conference Room
Administration Building, Government Center
100 Ribaut Road, Beaufort

Committee Members:

Gerald Dawson, Chairman
Steven Baer, Vice Chairman
Cynthia Bensch
Rick Caporale
Brian Flewelling
William McBride
Jerry Stewart

Staff Support:

Rob McFee, Division Director

1. CALL TO ORDER – 4:00 P.M.
2. CONSIDERATION OF CONTRACT AWARDS
 - A. Contract Renewal for Fleet Management and Maintenance Operations for Beaufort County ([backup](#))
 - B. Beaufort County Scrap/Waste Tire Service ([backup](#))
3. PRESENTATION / UPDATED COUNTY SOLID WASTE MANAGEMENT PLAN ([backup](#))
4. TEXT AMENDMENT TO COUNTY CODE OF ORDINANCE CHAPTER 74—BUILDING AND BUILDING REGULATIONS, SECTION 74-64 – ADOPTION OF BUILDING CODES, SUBPARAGRAPH (1) (AMENDS ORDINANCE TO ADOPT THE 2012 EDITION OF THE INTERNATIONAL RESIDENTIAL CODE) ([backup](#))
5. CONSIDERATION OF REAPPOINTMENTS AND APPOINTMENTS
 - A. Solid Waste and Recycling Board
 - B. Southern Beaufort County Corridor Beautification Board
6. ADJOURNMENT





COUNTY COUNCIL OF BEAUFORT COUNTY
PURCHASING DEPARTMENT

Building 3, 102 Industrial Village Road
Post Office Drawer 1228, Beaufort, SC 29901-1228
Phone: (843) 255-2353 Fax: (843) 255-9437

TO: Councilman Gerald Dawson, Chairman, Public Facilities Committee
FROM: Dave Thomas, CPPO, Purchasing Director *DT*
SUBJ: Contract Renewal for Fleet Management and Maintenance Operations for Beaufort County
DATE: June 17, 2013

BACKGROUND: Beaufort County received a contract renewal request from the Public Works Director requesting that the Fleet Maintenance contract with First Vehicle Services be renewed for an additional two year term beginning on July 1, 2013 and ending on June 30, 2015. The initial contract price in 2009 was \$1,339,345.00. First Vehicle is requesting a CPI increase of 1.4% with the increase totaling \$18,750.00. First Vehicle will continue to manage our fuel operations and provide a fuel clerk for an annual cost of \$38,000. The total contract price for each year is \$1,396,095. First Vehicle Services currently performs the preventive maintenance services and repairs of 889 units (cars, trucks, boats, trailers, trackers, lawn mowers, motorcycles, bulldozers, graders, and specialized heavy equipment).

FUNDING: Contract is paid by using various department accounts (Garage Repairs, Maintenance, 51300)

FOR ACTION: Public Facilities Committee meeting occurring on June 17, 2013.

RECOMMENDATION: The Purchasing Department recommends that the Public Facilities Committee approve and recommend to County Council the contract award of \$1,396,095 for each year to First Vehicle Services to provide Fleet Management and Maintenance Services for Beaufort County. The contract term is for two years and at the mutual discretion of both the County and First Vehicle Services, the contract may be extended for an additional two (2) years after June 30, 2015, provided that the terms are mutually agreeable to the parties and approved by Beaufort County Council.

cc: Gary Kubic, County Administrator *GK*
Bryan Hill, Deputy County Administrator *BH*
Alicia Holland, Controller
Robert McFee, Division Director, Engineering and Infrastructure *R.McFee*
Monica Spells, Compliance Officer *Spells*
Eddie Bellamy, Public Works Director

Attachments: First Vehicle Letter, Contract Survey

Memo



County of Beaufort
Beaufort County Purchasing Department
David L. Thomas, CPPO, CPPB Purchasing Director
Post Office Drawer 1228
Beaufort, SC 29901-1228

May 2, 2013

Dear Mr. Thomas

This letter is in response to our meeting on April 10, 2013 concerning the renewal of the Maintenance contract between Beaufort County and First Vehicle Services. Beaufort County reference number 3961/090668

As you know FVS has been providing professional fleet management service for the County since 1995. The overriding theme of First Vehicle Services has always been to go beyond a simple vendor-client relationship to form a true partnership to deliver first class, value-added service to Beaufort County. We believe that the strong partnership we have developed over the many years of working together has been an important factor in our mutual success and shared accomplishments. All of our FVS employees at the location live in Beaufort County

We have provided an experienced on-site management team who has placed partnership with Beaufort County at the top of the list. We have furnished a technically-competent, highly productive workforce that lives in the County, pays taxes in the County and gives back to the County by providing a much needed service to Beaufort County. Our local staff is on call 24 hours a day ready to meet the challenge of any emergency.

FVS administers all subcontractor and supplier service work. FVS expects that subcontracted repairs will be limited to instances of cost-effectiveness and time-efficiency, i.e. where the cost of subcontracted repairs will be less than towing the vehicle to the central maintenance facility or less than the cost of repairing the vehicle at the central maintenance facility. FVS assumes all responsibility for paperwork, invoice processing, payment and quality control pertaining to subcontracted services.

FVS uses local vendors as often as possible to help support the community. Only in situations when the part or supply is not available locally, i.e. Caterpillar, John Deere etc. or grossly overpriced we do purchase from vendors outside the County. FVS uses our national Corporate Purchasing Agreements (CPA's) to buy parts and supplies from local

**First Vehicle Services
3009 Pamlico Highway
Florence, SC 29505**

suppliers such as NAPA, AutoZone and Chrysler for less money than what the County could do on their own. As you know, FVS is part of a \$10.5 billion dollar worldwide company with significant purchasing power that is passed on to the County. In addition, the County is not charged for parts until they are used on the fleet and then they are priced at our cost with no mark-up. We provide an in house inventory to keep daily maintenance consistent and time efficient as well as cost efficient for you. Tracking of inventory by individual part, as well as individual repair effort, permits inventory management to be proactive as well as allowing required inventory levels to be ascertained by actual history.

The table shown below includes our top 10 part numbers used at the facility from our system. I included this to show a comparison between the pricing First Vehicle Services can get compared to just seeking the same items using the same annual quantity purchase between three vendors for each product line. During this study we inquired about state contracted pricing when available.

Part Number	Description	Issued Quantity	FVS Unit Price	FVS Total	Vendor 1 Unit price	Vendor 1 Total Price	Vendor 2 Unit price	Vendor 2 Total Price	Vendor 3 Unit price	Vendor 3 Total Price
DE15BLK	OIL, ENGINE, 15W/40 CJ4	20,271	\$1.69	\$34,157	\$4.79	\$97,098	\$3.99	\$80,881	\$3.50	\$70,949
HDW46	OIL, HYDRAULIC, AW46, BULK	2,714	\$1.43	\$3,874	\$2.22	\$6,025	\$2.39	\$6,486	\$2.29	\$6,215
DTRANBLK	FLUID, HYDRAULIC, TRACTOR	1,276	\$1.82	\$2,326	\$2.29	\$2,922	\$2.32	\$2,960	\$2.45	\$3,126
6536	CLEANER, BRAKE	962	\$2.10	\$2,018	\$3.99	\$3,838	\$3.99	\$3,838	\$2.50	\$2,405
PXL2C30	GREASE, MULTIPURPOSE, NLGI #2	748	\$1.68	\$1,260	\$3.49	\$2,611	\$3.49	\$2,611	\$3.49	\$2,611
5519(A)	SOLVENT, WASHER, WINDSHIELD	491	\$1.35	\$664	\$1.99	\$977	\$2.99	\$1,468	\$1.99	\$977
MOSP5	OIL, ENGINE, SYNTHETIC,5W/20	444	\$2.05	\$911	\$8.99	\$3,992	\$5.49	\$2,438	\$5.49	\$2,438
DL-22	BLADES, WIPER 22"	422	\$5.93	\$2,502	\$9.99	\$4,216	\$5.69	\$2,401	\$7.49	\$3,161
732002500	TIRE, P235/55R17	386	\$115.25	\$44,487	\$132.00	\$50,952	\$125.01	\$48,254	\$133.99	\$51,720
DE15C12	OIL, ENGINE, 15W/40, CJ-6	336	\$2.25	\$756	\$4.45	\$1,495	\$3.99	\$4	\$3.49	\$1,173
				\$92,955		\$174,126		\$151,342		\$144,773

Vendor used in the parts pricing sampling are: Napa, Auto Zone, Advanced Auto parts, Bernard tire, and Goodyear tire.

First Vehicle Services
3009 Pamplico Highway
Florence, SC 29505

Memo



**Price shopped
Price Comparison**

FVS	Time				Island Tire negotiated FVS price				Jiffy	Lube		
	Filter	Oil	0.1133	Total	Filter	Oil	0.1133	Total	Oil & Filter	0.1133	Total	
Taurus	2.65	11.89	6.51	21.05	6.99	22.74	8.5	38.23	20.00	17.15	37.15	
Tahoe	1.49	13.76	6.51	21.76	6.99	22.74	8.5	38.23	31.10	17.15	48.25	
Durango	1.72	12.88	6.51	21.11	6.99	22.74	8.5	38.23	31.10	17.15	48.25	
Escape	1.87	12.36	6.51	20.74	6.99	22.74	8.5	38.23	20.00	17.15	37.15	
Charger	1.71	11.04	6.51	19.26	6.99	26.53	8.5	42.02	20.00	17.15	37.15	
Crown Vic	1.99	13.76	6.51	22.26	6.99	22.74	8.5	38.23	20.00	17.15	37.15	
F 150	2.65	11.11	6.51	20.27	6.99	22.74	8.5	38.23	31.10	17.15	48.25	
F250	1.89	15.54	6.51	23.94	7.23	30.32	8.5	46.05	31.10	17.15	48.25	

Loaded FVS labor rate \$57.50
 Island tire Labor rate \$75.00
 Jiffy Lube Labor \$80.00

Labor is figured on a standard time of .1133 tenths of an hour.

I have also included samples of our standard light vehicles PM sheet for review

FVS assists the County in preparation of purchase specifications for additional or replacement vehicles and/or replacement equipment. FVS will also identifies and recommend to Beaufort County services and equipment that will reduce the cost of maintenance and/or improve the quality of vehicular services provided to Beaufort County.

FVS started managing the County's fuel site six months in to the current contract. Due to this service the County has gained the follow.

- Complete management of the fuel system, to include UST Compliance, Underground storage tank compliance and certification of FVS staff members to manage the system according to law.
- Reduction of one county employee and unit associated cost.
- Competitive pricing that has been reviewed not only by the Beaufort County Staff but also by our competitors.
- In place emergency response plan, be it weather related or any other crisis.

**First Vehicle Services
 3009 Pamlico Highway
 Florence, SC 29505**

Memo

- Monitored fuel island and retail card system for all units and employees traveling in and out of the local area or status changed due to emergency.
- Restrictions in place to safeguard from the misuse of fuel by means of vehicles user draw limits and usage measured against the odometer or hour meter readings.
- Reporting by Vehicle and User by Department.
- County does not get billed for fuel till it is pumped using strict guide lines.
- On call 24/7 response to fuel related site issues.

FVS has experienced a dramatic increase in the cost of tires, fluids, parts, etc. do to circumstances beyond our control such as the cost of oil and raw rubber. We clearly understand your current budget restraints due to the economic conditions we are both experiencing. A strong partnership is not truly tested in the good times but in difficult times such as the one we find ourselves in today. We have not asked for a CPI increase during the contract period. With that in mind, FVS has proposed budget request of the current CPI of 1.4% with the increase totaling \$18,750.

FVS values Beaufort County as a longtime partner and looks forward to continuing our partnership through these difficult economic times.

If any additional information is required please do not hesitate to contact me at 843-319-3157.

Cordially,



Steve Breeden
Region Vice President

CC: Eddie Bellamy
Curtis McDaniel

First Vehicle Services
3009 Pamlico Highway
Florence, SC 29505

V100 Maintenance Expense by Vendor

Organization : 4756 Beaufort County Service Center

Start Date : Jan 1 2012

End Date : Dec 31 2012

Supplier No.	Supplier Name	Total Dollars
314150	AUTOZONE PARTS INC (CPA-USD), GA, ATLANTA, LOCKBOX 116067	\$100,605.03
341236	NAPA (CPA-USD), IL, CHICAGO, dba NAPA	\$24,374.19
193582	GOODYEAR, SC, BEAUFORT, 199 PARRIS ISLAND	\$90,992.08
71152	O C WELCH FORD LINCOLN MERCUR, SC, HARDEEVILLE, 4920 INDEPENDENCE	\$74,566.55
280499	FENDERS AT LAUREL BAY LLC, SC, BEAUFORT, PO BOX 4432	\$59,557.40
68064	COASTAL TRANSMISSION, SC, BEAUFORT, 2741 BOUNDARY ST	\$29,693.16
P_Card	Parts card spend	\$6,935.39
67636	BUTLER CHRYSLER DODGE JEEP, SC, BEAUFORT, dba BUTLER CHRYSLER	\$26,098.70
67252	BARNARD TIRE, SC, BEAUFORT, PO BOX 4006	\$22,614.82
145522	RAY'S COLLISION CENTER LLC, SC, BEAUFORT, dba RAY'S COLLISIO	\$22,533.34
67158	AUTOMOTIVE AIR, SC, BEAUFORT, 3108 PALOMINO DRIV	\$19,243.94
563029	GREEN TIRE SERVICE LLC, SC, BEAUFORT, dba GREEN TIRE SER	\$16,118.50
370712	VADEN OF BEAUFORT, GA, SAVANNAH, PO BOX 14217	\$15,401.27
563028	MY TECH AUTOMOTIVE LLC, SC, BEAUFORT, 260 BAY PINES ROAD	\$14,232.08
141166	DUKES TOWING & RECOVER, USE 730437, SC, BEAUFORT, 82 SAVANNAH HIGHWA	\$11,865.00
563583	PRECISION PAINT & BODYWORKS LLC, SC, BEAUFORT, 69 SAVANNAH HWY	\$7,116.60
636920	INTERSTATE TOWING & RECOVERY LLC, SC, BEAUFORT, dba INTERSTATE TOW	\$5,840.00
141747	SOUTHERN SIGNS & GRAPHICS, SC, LOBECO, dba SOUTHERN SIGNS	\$5,430.00
672585	RANDELS LAWNMOWER EQUIPMENT, SC, BEAUFORT, 2518 BOUNDARY STRE	\$4,860.02
734097	EAST COAST COLLISION & RECOVERY LLC, SC, BEAUFORT, 69 SAVANNAH HIGHWA	\$4,742.08
708801	AUTOPRO OF HILTON HEAD, SC, HILTON HEAD, dba AUTOPRO OF HIL	\$4,112.74
69796	ISLAND TIRE & AUTOMOTIVE SERVICES, SC, HILTON HEAD I, PO BOX 6627	\$3,284.40
92432	BROWN METAL FABRICATION, SC, BEAUFORT, dba BROWNS METAL	\$2,686.94
72173	SEA ISLAND MARINE INC, SC, BEAUFORT, 1105 RODGERS STREE	\$1,672.65

711909	OCEANSIDE GLASS & MIRROR LLC, SC, BEAUFORT, 599 ROBERT SMALLS	\$773.85
105583	BEAUFORT OIL CO INC, SC, BEAUFORT, PO BOX 1258	\$593.70
67766	CAROLINA AUTO TRIM, SC, BEAUFORT, # 8 NEIL RD	\$500.00
298522	BEAUFORT CYCLES, SC, BEAUFORT, dba BEAUFORT CYCLE	\$477.32
71392	PENDER BROTHERS INC, SC, PORT ROYAL, PO BOX 122	\$336.45
149399	JACKIES ALIGNMENT CENTER, SC, SEABROOK, 1565 TRASK PARKWAY	\$79.95
Local Beaufort County Vendor Spend		\$577,338.15
Total annual spend with all parts and Supplier service vendors		\$919,111.00
Total spend with vendors within Beaufort Co.		\$577,338.15
% of FVS Vendor Spend within Beaufort Co. for 2012		63%
FVS payroll dollars spend in Beaufort County	•	\$ 537,490.00

Bureau of Labor Statistics

Consumer Price Index - All Urban Consumers
12-Month Percent Change

Series Id: CUUR0000SS48021
 Not Seasonally Adjusted
 Area: U.S. city average
 Item: Vehicle parts and equipment other than tires
 Base Period: 1982-84=100
 Years: 2003 to 2013

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	HALF1	HALF2
2003	3.1	3.0	2.4	2.3	2.2	2.0	0.7	0.7	0.5	1.1	0.9	1.4	1.7		
2004	0.8	0.6	1.0	1.0	1.1	1.1	0.8	0.3	0.5	0.8	0.5	0.4	0.8		
2005	1.2	1.4	1.4	1.4	1.6	1.7	2.3	3.0	3.0	2.6	2.8	3.4	2.1		
2006	2.6	2.6	3.3	4.2	4.7	5.0	5.0	4.8	4.8	5.1	5.1	4.8	4.4		
2007	4.8	4.6	4.4	3.4	3.0	2.8	3.0	2.5	3.0	3.7	3.9	4.6	3.6		
2008	5.2	5.6	5.3	5.4	5.2	5.5	5.2	6.3	6.2	6.1	7.3	6.4	5.8		
2009	5.5	5.2	5.2	5.5	5.4	5.1	4.7	4.0	3.5	2.6	1.4	1.8	4.1		
2010	2.4	2.1	1.5	1.7	2.0	1.9	2.2	1.9	1.6	1.5	1.1	0.7	1.7		
2011	1.0	1.5	1.7	1.5	2.1	2.4	1.8	1.9	2.9	2.9	2.8	3.0	2.1		
2012	2.0	1.8	2.3	1.7	1.5	1.0	2.3	2.1	1.7	2.0	2.5	2.5	1.9		
2013	2.6	2.5	2.8	2.9											

Source: Bureau of Labor Statistics

Generated on: June 12, 2013 (04:43:20 PM)



COUNTY COUNCIL OF BEAUFORT COUNTY
PURCHASING DEPARTMENT

Building 3, 102 Industrial Village Road
Post Office Drawer 1228, Beaufort, SC 29901-1228
Phone: (843) 255-2353 Fax: (843) 255-9437

TO: Councilman Gerald Dawson, Chairman, Public Facilities Committee

VIA: Gary Kubic, County Administrator *GKubic*
Bryan Hill, Deputy County Administrator
Alicia Holland, Controller *AH*
Robert McFee, Division Director, Engineering and Infrastructure *RMcFee*
Monica Spells, Compliance Officer *MSpells*
James S. Minor, Jr., Solid Waste Manager *JSM*

FROM: Dave Thomas, CPPO, Purchasing Director *DT*

SUBJ: Beaufort County Scrap/Waste Tire Service for IFB # 1310001340042223

DATE: June 10, 2013

BACKGROUND: The Public Works Department, Solid Waste and Recycling Section, collects 180-250 tons of waste tires annually from the convenience centers and consolidates them at the Tire/Baler building for recycling. Beaufort County issued an Invitation for Bids (IFB) on March 27, 2013 to solicit bids from qualified firms to provide services for the transport and recycling of waste tires. A non-mandatory pre-bid meeting was held on April 11, 2013 and bids were opened on April 30, 2013. The County received bids from three firms:

	<u>Bid Amount</u>
1. SC Tire Processing, Inc., Aiken, SC	\$12,480.00
2. VivaSC Recycling, Moncks Corner, SC	\$13,185.60
3. Liberty Tire Ridge Recycler's Inc., Johnston, SC	\$14,872.00

The Purchasing Department staff reviewed the bids for responsiveness and evaluated the firms' proposed cost. Based on the review of bids, SC Tire Processing was selected as the lowest responsible/responsive bidder and determined to meet the County's services requirements required by the IFB. Please see Bid Tabulation as Attachment I.

FUNDING: Revenue to pay for these services is generated by a SC Department of Revenue program through a \$2 fee charged by retailers for each new tire sold in the state of South Carolina. The State returns funds from this program to each County, based on population, to cover the cost of recycling waste tires. Revenues are received in Accounts # 23450001-43310 & 43750. Expenses are charged against Account # 23450011-51160. Service for the current contract is provided by Ridge Recycling, Inc. and expenditures for FY2013 are estimated to be \$25,000. Actual expenses for FY 2014 and beyond under the new contract are dependent on tonnage disposed of by our citizens. FY2014 expenses are expected to be in the same general amount.

FOR ACTION: Public Facilities Committee meeting occurring on June 17, 2013.

RECOMMENDATION: The Purchasing Department recommends that the Public Facilities Committee approve and recommend to County Council the award of a contract to provide waste tire recycling services to SC Tire Processing of Aiken, SC. Term of the contract is for one year with four one-year renewals upon mutual agreement by both parties. Funds for these services are available in the referenced accounts.

cc: Rick Dimont
Attachment I: Bid Tabulation Sheet IFB# 1310001340042223



BEAUFORT COUNTY PUBLIC WORKS

120 Shanklin Road
Beaufort, South Carolina 29906
Voice (843) 255-2800 Facsimile (843) 255-9435



TO: Councilman Gerald Dawson, Chairman, Public Facilities Committee

VIA: Gary Kubic, County Administrator *GKubic*
Bryan Hill, Deputy County Administrator *BHill*
Robert McFee, Division Director, Engineering and Infrastructure *McFee*
Monica Spells, Compliance Officer *Spells*
Eddie Bellamy, Public Works Director *MCB*

FROM: James S. Minor, Jr., Solid Waste Manager *JSM*

SUBJ: **Updated Beaufort County Solid Waste Management Plan**

DATE: June 12, 2013

BACKGROUND: The South Carolina Solid Waste Policy and Management Act of 1991 created a requirement for each County to develop and maintain a Solid Waste Management Plan (SWMP). The SWMP is required to cover a twenty (20) year planning horizon explaining how disposal of current and projected waste volumes within the County will be properly handled. The County's SWMP also must address County recycling programs that contribute toward achieving State waste reduction and recycling goals. The current Beaufort County SWMP was developed and approved by Council in February 2000.

In view of the rapid growth and changes within the County since February 2000, staff felt a major revision of the SWMP was due. Beginning in June of 2011 staff and the Solid Waste & Recycling Citizen Advisory Board held a series of advertised/public workshops to review and revise the SWMP. In addition, staff met with staff of SCDHEC to review each chapter and provide comments on the SWMP revision throughout the process. The SWMP revision was completed at the February 2013 meeting of the Board when the SWMP revision dated February 2013 was approved and recommended to be sent to Council for approval.

Major revisions to the plan include:

1. States that, "To manage waste, Beaufort County plans to site, permit and construct a transfer station of suitable capacity to handle waste streams for the next twenty years."
2. Incorporates the recommendation from the 2010 Comprehensive Plan: "to explore means of initiating mandated curbside pick-up for solid waste Districts 6, 7 & 9."
3. Added that "Additionally, as curbside services are implemented across the County, services at Convenience Centers within these areas may be reduced / modified, providing for the combination / closure of some facilities."
4. Organizes the document in accordance with State guidelines.

FOR ACTION: Public Facilities Committee meeting occurring on June 17, 2013.

RECOMMENDATION: Recommend that the Public Facilities Committee approve and recommend to County Council the updated Solid Waste Management Plan dated February 2013.



2013 Beaufort County Solid Waste Management Plan



Section 1.0 Executive Summary

1.1 Plan Development and Objectives

1.2 Plan Revision

1.3 Annual Progress Report

Section 2.0 Legislative Authority

2.1 Federal and State Authority

2.2 Existing Solid Waste Ordinances

2.3 Policies

2.4 Organization Structure

Section 3.0 Demographics

3.1 Land Description

3.2 Population Trends

3.3 Economic Trends

3.4 Tourist Information

Section 4.0 Existing Solid Waste Management

4.1 Generation & Characterization

4.2 Collection, Temporary Storage, and
Transportation of Solid Waste

4.2.1 Convenience Centers

4.3 Solid Waste Transfer Stations

4.4 Solid Waste Processing Facilities

4.5 Short Term Structural Fill

4.6 Class One Landfills (Land-Clearing Debris and
Yard Waste)

4.7 Class Two Landfills (Construction, Demolition,
and Land-Clearing Debris Landfills & Certain
Industrial Landfills)

Section 4.0 Existing Solid Waste Management

4.8 Class Three Landfills (Municipal, Industrial, Sludge, Incinerator Ash)

4.9 Solid Waste Incinerators

4.10 Composting & Wood Chipping/Shredding Facilities

4.11 Used Oil Collection and Processing Facilities

4.12 Waste Tire Haulers, Collection Facilities, Processing Facilities, and Disposal Facilities

4.13 Research, Development, and Demonstration (RD&D) Permits

4.14 Land Application of Solid Waste Permits

Section 4.0 Existing Solid Waste Management

4.15 Recycling Programs

4.16 Special Wastes

4.17 Household Hazardous Materials (HHM)

4.18 Import and Export of Waste

4.19 Solid Waste Management Funding

Section 5.0 Future Solid Waste Management

5.1 Waste Stream Projections

5.1.1 Class One Waste

5.1.2 Class Two Waste

5.1.3 Class Three Waste

5.2 Collection, Temporary Storage, and Transportation of Solid Waste

5.2.1 Convenience Centers

5.3 Solid Waste Transfer Stations

5.4 Solid Waste Processing Facilities

5.5 Class One Landfills (Land-Clearing Debris and Yard Waste) – No New Class One Landfills

Section 5.0 Future Solid Waste Management

5.6 Class Two Landfills (Construction, Demolition, and Land-Clearing Debris Landfills & Certain Industrial Landfills – No New Class Two

5.7 Class Three Landfills (Municipal, Industrial, Sludge, Incinerator Ash) No Class Three

5.8 Solid Waste Incinerators - None

5.9 Composting & Wood Chipping/Shredding Facilities – Case by Case

5.10 Used Oil Collection and Processing Facilities

5.11 Waste Tire Haulers, Collection Facilities, Processing Facilities, and Disposal Facilities

No new facilities

Section 5.0 Future Solid Waste Management

5.12 Research, Development, and Demonstration (RD&D) Permits – Case by Case

5.13 Land Application of Solid Waste Permits

5.14 Recycling Programs

5.15 Special Wastes

5.16 Household Hazardous Materials (HHM)

5.17 Import and Export of Waste

5.18 Storm Debris Management

5.2 Collection, Temporary Storage, and Transportation of Solid Waste

- All solid waste facilities and equipment in Beaufort County are planned, designed, and operated as an integral function of this Plan
- Beaufort County will strive to improve solid waste management and recycling technologies to minimize the amount of waste disposed of in landfills
- Beaufort County will continue to study and pursue implementation of curbside collection of waste and recyclables

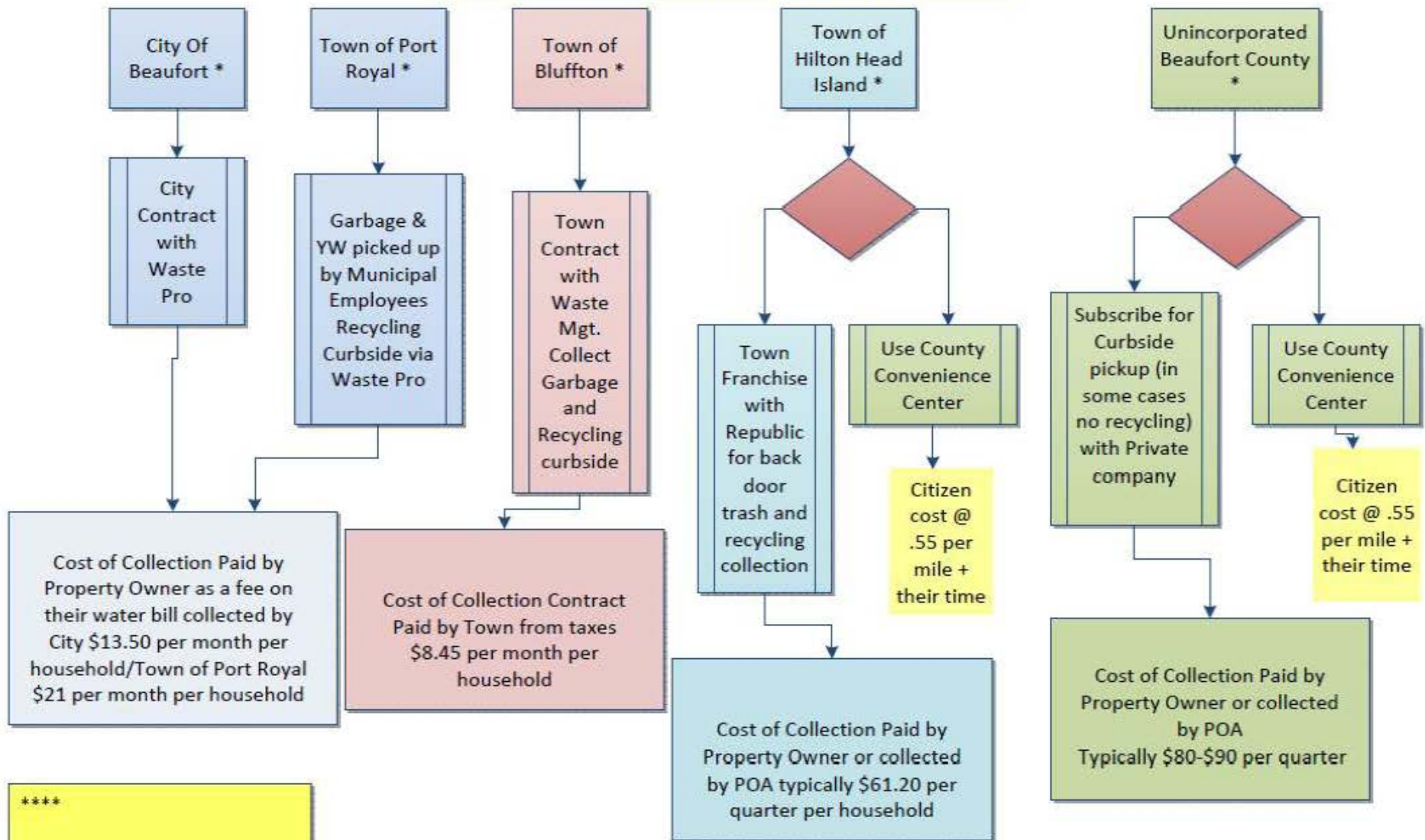
5.2.1 Convenience Centers

- The 2010 Beaufort County Comprehensive Plan addresses the future of Convenience Centers as follows:
 - The County should explore an exclusive franchise system, allowing haulers to bid on servicing an entire Solid Waste District or a designated area within the Solid Waste District if not feasible for one hauler to service the entire district. This will help to reduce costs for citizens and decrease truck traffic in residential neighborhoods.

5.2.1 Convenience Centers – Continued

- The County should work with the Town to explore the provision of mandatory franchised curbside and recycling collection administered by the Town of Hilton Head
- The County should increase the efficiency and capacity of its high- usage convenience centers by installing trash compacting equipment to complement curbside collection
- As curbside services are implemented across the County, services at Convenience Centers within these areas may be reduced/modified, providing for the combination/closure of some facilities.

Residential Waste Collection



 Nearly all residents bring waste to Convenience centers regardless of location; Yard waste, white goods, bulky items; C&D + special event waste

Residential Waste Disposal

Beaufort County Taxes pays for all residential waste disposal generated in the County

\$2.4 million

Beaufort County Solid Waste Annual Total Cost Estimate									
	Households	Rate		Cost Estimate		Annual Cost Estimate			
City of Beaufort	4616	\$13.50		\$ 747,792.00		\$162			
Town of Port Royal	1722	21		\$ 433,944.00		\$252			
Town of Bluffton	5253	8.45		\$ 532,654.20		\$101			
Town of Hilton Head	13024	61.2		\$ 3,188,275.20		\$245			
Unincorporated curbside	6841	85		\$ 2,325,940.00		\$340			
						\$ 7,228,605.40		Curbside Collection Total Cost Estimate	
	Total	31456							
Convenience Centers									
Hauling				\$ 750,000.00					
Salaries				\$ 885,209.00					
Misc				\$ 70,300.00					
Citizen transport	135,000	1,350,000	16200000	\$ 5,940,000.00		\$ 7,645,509.00		Convenience Center Total Cost Estimate	
Disposal									
Hickory Hill				\$ 2,100,000.00					
Barnwell Resources				\$ 70,000.00					
Oakwood				\$ 120,000.00					
Evergreen				\$ 120,000.00					
Recycling				\$325,000					
						\$ 17,609,114.40		Beaufort County Total Cost Estimate	

5.3 Solid Waste Transfer Stations

- A transfer station can be designed to transfer or process recyclables as well as collect and properly manage materials that may be better managed outside the solid waste stream such as household hazardous waste, tires, used oil, and electronics. Beaufort County does not have access to a transfer station.
- Without a transfer station to consolidate waste for longer distance transport, the only option for Beaufort County solid waste disposal is the Hickory Hill Landfill (8.4 years of estimated remaining life on permitted disposal / 13.2 years of estimated remaining life on current disposal rates)

5.3 Solid Waste Transfer Stations - Continued

- Beaufort County has authorized several investigations into solutions for this issue
- In 2010 R.W. Beck (now SAIC), Beaufort County's solid waste professional consulting firm updated their 2005 findings for Beaufort County. These findings included:
 - Nine of fourteen landfills contacted expressed an interest in Beaufort County's solid waste. One of the three was Three Rivers Solid Waste Authority in Aiken County.

5.3 Solid Waste Transfer Stations – Continued

- Estimated range of capital costs for a 500 ton per day transfer station
 - High \$6,025,000
 - Low \$ 4,896,700
- Estimated range of cost/ton, including financing costs of capital
 - High Estimate \$53.09/ton
 - Low Estimate \$46.24/ton

5.7 Class III Landfills (Municipal, Industrial, Sludge, Incinerator Ash)

- The estimated remaining life of the Hickory Hill Landfill based on permitted and current disposal rate is 5.3 to 8.3 years. Beaufort County needs to secure another outlet for waste disposal with in a short timeframe
- The Act states that a county has "the responsibility and authority to provide for the operation of solid waste management facilities to meet the needs of all incorporated or unincorporated areas of the county"
- The County has concluded that the most prudent long range plan is to site a transfer station either in Beaufort County or a neighboring county

5.14 Recycling Programs

- Beaufort County plans to continue its recycling programs through the use of its convenience/recycling drop-off centers and all other means possible
- Curbside pick-up is the most convenient method of recycling, and the public is more likely to recycle based on convenience. In areas where the population density is high enough, the County will pursue initiation of mandatory curbside recycling.
- Beaufort County will continue to educate its residents on the importance of recycling
- Beaufort County will seek to expand its public education programs

5.14 Recycling Programs - Continued

- Beaufort County will seek to expand its public education programs
- Having a transfer station will allow:
 - More flexibility in waste handling and disposal options
 - Enable workers to screen incoming wastes to separate out readily recyclable materials
 - Option of including a Materials Recycling Facility or a recyclable processing area will be considered for inclusion with the construction of a transfer station. This would enable the County to market its recyclables according to the most economical practices available

5.16 Household Hazardous Materials (HHM)

- Beaufort County's Public Works department currently works with local citizen's groups to holds one-day events each year to collect HHM from residents.
- The option of including HHM collection facilities will be considered for inclusion with the construction of a transfer station, allowing for year round collection of materials such as paint, pesticides, cleaning supplies, and batteries

5.17 Import and Export of Waste

- Per Beaufort County Code (ARTICLE III, Section 62-28), the County does not accept waste generated outside of Beaufort County at County operated facilities

Section 6.0 Goals, Policies, Strategies, and Barriers

6.1 Reduction

6.2 Recycling

6.3 Educational Programs

6.4 Technical Assistance

6.1 Reduction

- Methods that will be used to promote source reduction include speaking engagements, tours of solid waste and recycling facilities, newspaper articles, radio and TV commercials, and displays
- By separating out a greater percentage of recyclable aluminum, paper, cardboard, plastic, and glass, Beaufort County's waste stream can be greatly reduced

6.2 Recycling

- For FY11 the County recycled 23.7% of the defined Class Three waste generated in the County compared to the statewide average of 27.7%
- To meet the 40% goal, public education will be utilized to inform residents of recycling programs being implemented within Beaufort County and the best way for each resident to participate
- Beaufort County will continue to develop and distribute literature that focuses on recycling and its importance to the environment

6.3 Public Education

- A public education program is to inform the public, students, key decision makers and community representatives about current solid waste management practices, the need for waste reduction and recycling activities and future solid waste management plans in order to institute positive changes as needed
- Information regarding Beaufort County's solid waste recycling program can be obtained from the County's website (www.bcgov.net/recycle)
- Beaufort County has and will continue to work with the Office of Solid Waste Reduction and Recycling to obtain assistance with their public education campaign and grant program

6.4 Technical Assistance

- Contacts for information regarding solid waste
 - Mr. Jim Minor
Solid Waste Manager
 - Mrs. Carol Murphy
Recycling Coordinator

Section 7.0 Revision and Consistency with Waste Management Plans

7.1 Annual Progress Reports

7.2 Revisions to the Beaufort County Solid Waste
Management Plan

7.3 Determining Consistency with the County Solid
Waste Management Plan

7.2 Revisions to the Beaufort County Solid Waste Management Plan

- The Beaufort County Solid Waste Management Plan will be reviewed annually and revised as needed by the Beaufort County Solid Waste and Recycling Board and the Beaufort County Administrator, and approved by County Council
- Any revisions made to the Beaufort County Solid Waste Management Plan shall be submitted to SCDHEC.
- The Department may accept revisions to the Plan only from the County Administrator

7.3 Determining Consistency with County Solid Waste Management Plan

- Only the Beaufort County Administrator may comment to SCDHEC regarding all consistency correspondence

Section 8.0 Full Cost Disclosure

8.1 Beaufort County Solid Waste Full Cost Disclosure

Categories of Expenses	Cost per Capita FY 2009	Cost per Capita FY 2010	Cost per Capita FY 2011	Cost per Capita FY 2012
Collection	\$16.49	\$17.58	\$15.12	\$13.95
Disposal	\$14.56	\$13.76	\$13.98	\$14.19
Recycling	\$1.98	\$0.22	-\$0.51	-\$0.74
Other	\$0	\$0	\$0	\$0
Total Cost per Capita	\$33.03	\$31.56	\$28.59	\$27.40

2013 /

TEXT AMENDMENT TO THE BEAUFORT COUNTY CODE OF ORDINANCES,
CHAPTER 74—BUILDING AND BUILDING REGULATIONS, SECTION 74-64 –
ADOPTION OF BUILDING CODES, SUBPARAGRAPH (1) (AMENDS ORDINANCE TO
ADOPT THE 2012 EDITION OF THE INTERNATIONAL RESIDENTIAL CODE).

Whereas, Standards that are underscored shall be added text and Standards lined through shall be deleted text.

Adopted this _____ day of August, 2013.

COUNTY COUNCIL OF BEAUFORT COUNTY

BY: _____
D. Paul Sommerville, Chairman

APPROVED AS TO FORM:

Joshua A. Gruber, Staff Attorney

ATTEST:

Suzanne M. Rainey, Clerk to Council

First Reading:
Second Reading:
Public Hearing:
Third and Final Reading:

Sec. 74-64. Adoption of building codes.

The regulations of the following **standards** codes recommended and published in book form and hereby adopted as the regulations governing the construction of buildings and other structures in the county; and it shall be unlawful to erect or construct any building or structure in the county in violation of, or without complying with, these regulations:

- (1) International Building Code, ~~2006~~ **2012** Edition including Chapter 1.