

Water, Sewer, and Solid Waste Committee

November 13, 2014

5:30 p.m. (or immediately after City Council Agenda Session)

City Hall – Room 326

Committee: Chairman Mark Kinion; Aldermen Sarah Marsh, Martin Schoppmeyer, Alan Long

Copy to: Mayor Lioneld Jordan; Sondra Smith, Don Marr, Paul Becker, Lindsley Smith, Jeremy Pate, Chris Brown, Lynn Hyke, Peggy Bell, CH2M Hill, Brian Pugh, Jeff Coles

From: Tim Nyander, Interim Director for Water & Sewer Functions

1. **Call to Order**

2. **Roll Call**

3. **Approval of Minutes**

4. **Approval of Meeting Agenda**

5. **Old Business**

a. **Lake Sequoyah Sediment Removal Project**

As we initially reported last month, concerns from the Arkansas Department of Health and the City of Elkins regarding the proposed supernatant discharge pipeline will require that we obtain additional easements and agreements from the City of Elkins and the landowner. This will inevitably require additional Council action, most likely in January of 2015. We will acquire supplies and materials to the extent practical to facilitate work on the pipeline and other activities but do not expect to be able to take substantive action until early next year.

b. **Ozone Project**

Formal approval or our permit to construct the ozone disinfection system has now been received from the Arkansas Department of Environmental Quality. The process of acquiring bids to perform the actual construction and installation of the ozone system has begun, with bids set to open on the 21st of November.

c. **White River Use Attainability Analysis (UAA)**

We are still in a holding pattern on this issue, with no substantive changes. We will carefully observe actions taken with other area municipalities over the coming months before determining our next steps.

6. New Business

a. Recycling and Trash Collection Facility Expansion and Improvements

McGoodwin, Williams, and Yates, (MWY) the City's consultant for design of the office expansion at the Recycling and Trash Collection Facility, has presented a proposed amendment to their contract. The amendment is necessary to provide for cost estimating, bidding, and preconstruction services on the project, services that were originally planned to be provided by a construction manager that was to be selected during the design process. Subsequent to the original MWY contract approval, the decision was made to use a traditional bid method for procurement of a construction contractor instead of selecting a construction manager. The total amount of the proposed amendment is \$47,527. **Staff requests a recommendation from the Committee to the City Council.**

7. Reports

a. Capital Project Update

Number	Project Description	Contractor	Cost	% Complete
1	Greenland Gravity Sewer Improvements	Forsgren, Inc.	\$1,242,968.30	61%
2	SE Fayetteville/Elkins Outfall CIPP Part 2	Suncoast Infrastructure	\$76,995.00	100%
3	White River Stream bank Restoration	Design WCRC	\$577,221	In Design ETA 2015
4	Swr Rehab-Cured in Place Pipe City Wide	Insituform	\$330,000	20%
5	South Mountain Pump Station Rehab	Design/Const. In-House	\$200,000	75%
6	Water Transmission Line Easements	McClelland Engrs	Prelim Surveys	Completed
7	Ramsey/Overcrest Sewer Replacement Design Phase	McClelland Engrs	\$228,644	0%
8	Hwy 112 (Maple Street) Water and Sewer Relocations AHTD Job 040582	Brothers Construction	\$1,256,345	0%
9	West Water Transmission Line Survey and Easement Acquisitions	McClelland Engrs	\$1,000,000	30%
10	24 inch water main for Regional Park and Kessler tans – Design Phase	Garver Engineer	\$105,600	75%
11	Wastewater Collection System 2014 Master Plan Update Final 10-10-2014	RJN	\$48,007	100%
12	Replace 4 Irrigation Reels for Biosolids Management Site	Keeling Company	\$144,000	0%
13	Noland Ozone Equipment	BlueInGreen	\$1,780,825	0%
14	Cost Share for trend analysis in Beaver Lake	Beaver Watershed Alliance	\$58,562	10%
15	BMS Thermal Dryer Bearing and Drive Shaft	AIT, Services, Inc.	\$52,043.25	50%
16	Noland Transformer Repair (x2)	Finalizing Specifications	\$65,000	0%
17	Noland VFD (4) and motor rebuild (4) for aeration basin	Finalizing Specifications	\$50,000	0%
18	Noland Effluent Storage Reservoir Fence	Finalizing Specifications	\$60,000	0%
19	Noland Ozone Construction	Bids Open Nov 21, 2014	\$??	0%

8. Presentations

9. Attachments

Agreement for Professional Services
Informational Attachments from Recycling and Trash Collection

10. Adjourn

Next Water, Sewer, Solid Waste Committee meets on Thursday, December 9, 2014, 5:30 p.m., room 326.

AMENDMENT NO. 2
To
AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES
Between
CITY OF FAYETTEVILLE, ARKANSAS
And
McGOODWIN, WILLIAMS, AND YATES, INC.

SOLID WASTE BUILDING EXPANSION AND SITE IMPROVEMENTS

WHEREAS, on June 18, 2013, the City of Fayetteville, Arkansas (CITY OF FAYETTEVILLE) and McGoodwin, Williams and Yates, Inc. of Fayetteville, Arkansas (ENGINEER) entered into an Agreement for architectural and engineering services in connection with the Solid Waste Building Expansion and Site Improvements (the “Project”); and

WHEREAS, on March 4, 2014, the CITY OF FAYETTEVILLE and the ENGINEER entered into Amendment No. 1 providing for amounts and methods of compensation for ENGINEER for detailed design and preparation of construction drawings and specifications for the Project; and

WHEREAS, the scope of services for the ENGINEER as set forth by the current Agreement as amended does not include bid phase services or development of opinions of probable construction costs; and

WHEREAS, the CITY OF FAYETTEVILLE requests that the scope of work for the ENGINEER be amended to add development of opinions of probable construction costs and bid phase services for two (2) construction contract sections; and

WHEREAS, the current Agreement as amended must now be amended to provide the additional scope and amount of compensation to the Engineer;

NOW THEREFORE, in consideration of the mutual covenants and Agreements herein contained, CITY OF FAYETTEVILLE and MWY, the parties hereto, stipulate and agree that the Agreement for Engineering Services dated June 18, 2013, and amended on March 4, 2014, is hereby further amended in the following particulars:

APPENDIX A – SCOPE OF SERVICES

A.2 Specific Scope of Services

Delete the amended Paragraph 2 in Section A2.2 “Detailed Design and Preparation of Construction Plans and Specifications” that states:

2. Assist the CITY OF FAYETTEVILLE with the procurement of a construction manager and coordinate with the selected construction manager during the design phase to identify constructability issues, identify potential cost-reduction options, and review construction cost estimates provided by the construction manager at appropriate design intervals.

and replace with the following:

- 2 Prepare an opinion of probable cost of the authorized construction for each contract section at 60%, 90% and final design stages. It is understood and agreed that this

opinion will be prepared for planning and budgetary purposes only and that ENGINEER makes no warranty, expressed or implied, as to the accuracy of such opinions as compared to bid or actual costs.

Add the following Section A2.3 “Bidding and Preconstruction Services”:

A2.3 Bidding and Preconstruction Services

ENGINEER will provide technical interpretation of the plans and specifications as needed, prepare addenda as required, attend a pre-bid conference and the bid opening, provide an engineering analysis of the bids received, make recommendations concerning the award of the construction contract and assist in the preparation of contract documents. Supporting documents will be prepared and submitted to the CITY OF FAYETTEVILLE. The scope of services includes bidding and preconstruction services for two (2) separate construction contracts.

A.3 Project Deliverables

Add the following sentence at the end of Section A.3.2:

A.3.2 Deliverables for Detailed Design of Construction Plans and Specifications

6. Opinion of Probable Cost at 60%, 90%, and final design stages for Contract Sections I and II.

A.4 Compensation

Replace Sentence 3 of Section A.4.2 with the revision below. For clarification purposes, this amendment adds \$18,750 to the current compensation amount for the additional scope of work under Section A.2.2 described in this Amendment.

3. The maximum not-to-exceed amount authorized for services, including reimbursables, under Section A4.2 is \$424,950.

Replace the entire Section A.4.3 with the following:

A.4.3 Bidding and Preconstruction Services for Contract Section I and Contract Section II):

1. Compensation shall be paid to ENGINEER on the basis of ENGINEER'S standard hourly rates in effect at the time the work is performed, plus reimbursable expenses. Rates are adjusted annually at the beginning of each calendar year. ENGINEER agrees to keep the CITY OF FAYETTEVILLE apprised in a timely manner of costs incurred.
2. The reimbursable expenses for which ENGINEER will be reimbursed shall include travel expenses when traveling outside Northwest Arkansas in connection with the project, rental expenses for special equipment needed for completion of the work, purchase of material, review and/or certification fees, and other expenses directly attributable to the project, including any work performed by subcontractors. ENGINEER shall charge the CITY OF FAYETTEVILLE for reimbursable expenses at actual cost plus ten percent (10%).
3. The maximum not-to-exceed amount authorized for services, including reimbursables, under Section A4.3 is \$28,777.

All other provisions of the original Agreement remain in full force and effect.

IN WITNESS WHEREOF, CITY OF FAYETTEVILLE, ARKANSAS by and through its Mayor, and ENGINEER, by its authorized officer have made and executed this Agreement as of the day and year first above written.

CITY OF FAYETTEVILLE, ARKANSAS

McGOODWIN, WILLIAMS, AND YATES

By : _____
Mayor, Lioneld Jordan

By: _____
Brad B. Hammond, P.E.

ATTEST:

By: _____
City Clerk

Title: President _____

END OF AMENDMENT NO. 2 TO
AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES

Quarterly Report for July 1-September 30, 2014 of Outreach Programs and Services Provided to the City of Fayetteville by Elizabeth Hill, Environmental Educator

Description	Date	Event/Content	Nature of Educational Services	# Participants served	Type
Educational Material Development Develop brochures, flyers, and posters	Jul-8-14	Follow-up Survey for North Creekside Residents	Designed a survey to give to North Creekside Apartment residents, to get feedback about the "Little Green Bins" we gave out in April.		
	Jul-16-14	Updated Event Recycling Flyer	Made some changes to the Event Recycling Flyer, based on some suggestions from the EAC.		
	Jul-25-14	Advertisement for participants	Helped write the description to advertise for households to participate in our Waste-saving campaign		
	August	Design and Content for Commercial Recycling Brochures	Designed a new brochure for Commercial Recycling, with information about the different recycling options available to businesses in Fayetteville, and tips for reducing waste in the workplace.		
	Aug-21-14	Project Details to participants	Wrote up a detailed document explaining exactly what the households would do during the week of the Waste Saving campaign, including some writing prompts to be able to tell each household's story.		
	September	Design and Content for Yardwaste Composting Brochures	Designed a new brochure for Yardwaste Composting, with information about how the City's yardwaste collection and composting program works, and also tips for composting at home.		
	September	Ledger-sized poster "What Happens When I RecycleSomething?"	Modified the large poster display for Marion Orton drop-off into a ledger-sized poster version that can be taken to schools, etc. for educational programs.		
Update Website	September	PAYT Waste Saving Campaign web write ups	Wrote the main 'page' for the Waste Saving Campaign write up on the website, as well as each of the individual household's write ups (complete with the families' stories, pie graphs of their waste breakdown for the week, and the professional photos of the families).		
Create displays and presentations	Aug & Sep	Marion Orton Display "What Happens When I RecycleSomething?"	Designed a colorful visual display to share what happens to the recyclable materials that Fayetteville recycles (includes a US map w/ pushpins to mark the location of recycling mills, and a side panel that shows examples of what products are made from our recycling).		

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Public Outreach						
Electronic Newsletters						
	Sep-29-14	Updated powerpoint presentation "Waste Diversion in Fayetteville"	Updated powerpoint presentation with new information, pages, graphs, etc. (about the recent Waste-saving campaign and Town Branch waste sort, etc.).			
Public Events						
	Sep-12-14	Grants & Awards Newsletter	Designed and sent out the Grants & Awards newsletter for September & October, which goes out to a listserve of formal and non-formal educators in the Northwest Arkansas area.	269		educators
Hazel Valley Ranch	Aug-22&23-14	End of Summer Daze (Fayettechill event)	Distributed brochures, flyers and RecycleSomething gear to attendees.	50		adults
Union Mall- U of A Campus	Aug-28-14	Razorbash	Spoke with hundreds of U of A students (and some faculty/staff), answered many questions about recycling (especially in apartments), and gave out lots of information and RecycleSomething gear.	400		college students
Youth Public Education						
Public Schools						
Fayetteville High School	Aug-21-14	Outdoor Education Class "City of Fayetteville"	I gave an overview of the City's recycling programs, and gave out lots of information (as well as some RecycleSomething goodies) to help them with their follow-up projects.	22		high school students
Fayetteville High School	Aug-25-14	Outdoor Education Class "Household Hazardous Waste"	Gave powerpoint presentation about HHW, then followed with a hands-on waste sort activity & discussion.	22		high school students
FPS Sustainability Office	Sep-4-14	Garden Coordinators Meeting	Discussed with all involved in the school gardens, explained how I could help with Composting education (& possibly technical assistance through grant writing to get bins, etc.).	110		6th graders+ teachers
Fayetteville High School	Sep-18-14	FHS Green Team Leadership Meeting	Met with the FHS Green Team 'Leadership' members, as well as Dana Smith and the FHS GT leader Mr. Morton, to discuss plan for speakers and projects throughout the year (focusing mostly on this semester now), and partnering with the City to purchase water bottles that the Green Team could sell to students with the RecycleSomething logo on one side & an FHS Green Team design on the other.	21		8th graders
Other Youth Programs - camps, Scouts, etc.						
Botanical Garden of the Ozarks	Jul-23-14	Little Sprouts Program "Compost!"	Brought the worm bin from Washington Co. Env. Affairs office, read "Compost Stew," then let a few kids at a time come up and look at the bin & investigate worms on paper towels. (& explained the value in composting our food waste to make good soil, etc.)	70		preschool children & parents
Adult Education						

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Conduct workshops & trainings				
Botanical Garden of the Ozarks	Aug-7-14	PLT Art & Nature Workshop	Helped facilitate a Basic K-8 PLT workshop with a focus on Art & Nature, with Leah Saffian and Rebekah Penny. (This was my final step in the process of becoming a PLT Facilitator, so I am now certified to facilitate.)	26 educators
Other	Aug-15-14	Fayetteville Public Schools Teacher Fair/Expo	I had a booth/table at the FPS Teacher Expo, providing information about the City's recycling & trash services, but also explained all the things I could do as an Environmental Educator for the City, including programs in the classroom and technical assistance with recycling in the schools.	500 educators
Technical Recycling Assistance				
Waste Audits				
Fayetteville Transfer Station	Sep-8-14	Waste Sort from Town Branch Clean-up	Sorted through all the materials collected on Saturday the 6th, at the Town Branch Clean-up, and then weighed each material and recorded the results.	12 adults
Apartment Recycling Program				
Hill Place Apartments	Jul-24-14	Meeting w/ Hill Place Apartments manager	Met with the manager at Hill Place Apartments to discuss details of distributing "Little Green Bins" to residents. Brian gave her the contract to get approved with 'upper management' (& apparently they did not approve it!).	3 Adults
Pierce Properties	Aug-29-14	Meeting w/ Pierce Properties manager	Met with manager (& head of maintenance) at Pierce Properties to discuss possibilities of starting up apartment recycling there, including siting a location for the large container. Gave contract to be passed on to upper management.	4 adults
Other Groups/Organizations				
Fayetteville High School Athletics	Aug-25-14	Meeting w/ Brian, Dana, & 2 FHS Athletics/Maintenance staff	Met at FHS to discuss the logistics of setting up & collecting recycling from the FHS football games. We also assembled the clearstreams with the special FHS RecycleSomething signs on them for the first game to take place that evening.	5 adults
U of A Office of Sustainability	Sep-10-14	Meeting with Carlos and Intern of the UA Office of Sustainability	Met with Carlos and Kay Kay about the next steps in getting some Sorority houses recycling. Started planning for a waste audit with one house (once confirmed that they have a City trash account).	3 adults
Fayetteville Head Start	Sep-16-14	Meeting w/Mindy Ewing & Alexander	Met with Mindy Ewing (of Fay. Head Start) and Alexander (of Feed Fayetteville), to discuss the possibilities (and next steps required) for starting composting at the Fayetteville Head Start Center on S. Garland.	3 adults
Special Projects/Community Partnerships				
Beaver Watershed Alliance				

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	Sep-6-14	Town Branch (Watershed) Clean Up	Helped with the Town Branch Clean Up, based at the pavilion by the ball fields at Walker Park (directed volunteers, helped load materials collected into City truck to take back for waste sort, etc.).	35	adults & teens
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In addition to the above mentioned events and tasks, I have participated in several forms of professional development (including numerous webinars, the Arkansas Environmental Education Association Expo Aldo Leopold Workshop, the Ozark Natural Science Center Environmental Education Symposium, and the Arkansas Recycling Coalition conference).

Fayetteville Recycling and Trash Collection Divison
Fall Ward Cleanups
FY2014

Type	Ward	Weather Conditions	Date	Trash Tons	Metal Tons	Total Tons	Disposal Expense	E-Waste Tons
Ward	1	Good	10/18/2014	20.58	1.29	21.87	\$ 737.79	6.82
Ward	4	Good	9/27/2014	19.14	4.51	23.65	\$ 686.17	3.85
Ward	3	Good	10/4/2014	26.95	5.61	32.56	\$ 966.16	4.38
Ward	2	Good	11/1/2014	22.42	4.19	26.61	\$ 803.76	11.28
Totals				89.09	15.6	104.69	\$ 3,193.88	26.32