



Memo

TO: Public Works Committee
FROM: Ed Andrews, Public Works Director
SUBJECT: Phase 2A Inspection Services Update
with Strand & Associates
DATE: April 28, 2017

In October of 2013, Council originally approved engaging Strand Associates with bidding and limited construction administrative services as a time and material contract of \$198,000. The November tornado event and subsequent rebuild delayed Phase 2A.

This contract was approved on June 12, 2015 increasing the base amount to \$221,300 due to increased costs over that intervening period. It also provided for optional full time observation services which were discussed with Public Works Committee and Committee of the Whole along with O&M Manuals for both Phase 2A and the previous Phase 1 project which were electively omitted.

These costs are loan eligible and project to be no more than 15% of the awarded \$3.5M cost of construction. The upper end of these services would therefore be \$525,600, or an additional \$304,300 or the base services.

This matter has been placed on the Public Works Committee for clarification before (re-) presenting to Council for clarification.

cc: File



Strand Associates, Inc.
910 West Wiggins Drive
Madison, WI 53715
(P) 608-251-1843
(F) 608-251-8655

June 8, 2015

City of Washington
301 Walnut Street
Washington, IL 61571

Attention: Mr. Edward Andrews, P.E., City Engineer

Re: Amendment No. 2 to the October 17, 2013, Agreement for Bidding-Related Services and
Construction-Related Services
Sewage Treatment Plant No. 2-Phase 2A Improvements

This amendment represents ENGINEER's understanding of the changes necessary to move the Phase 2A improvements at STP No. 2 forward. A considerable amount of time has passed since OWNER and ENGINEER first executed this agreement in October 2013. At that point ENGINEER expected to complete construction in December 2014. Because of the time elapsed ENGINEER has made adjustments to the scope, schedule, and compensation as requested by OWNER.

ENGINEER intends to complete the design and advertise for bids in August 2015 with the bid opening to take place in October. OWNER could issue the notice to proceed, starting construction, on or before December. Special consideration will be given to provide for a Milestone 1 date of April 2016 to require UV and dewatering facilities to be complete. Substantial and final completion is proposed to take place in November and December 2016, respectively.

This is Amendment No. 2 to the referenced Agreement.

Under **Scope of Services, Bidding-Related Services**, ADD the following:

- "6. Attend one final design review workshop in Washington, Illinois, to review the drawings, specifications, and project-related documents and make OWNER directed changes, as appropriate.
7. Modify the existing specifications to include provisions to add equipment alternatives to the specifications to permit and encourage bidding of alternate dewatering equipment manufacturers.
8. Modify the front end portion of the specifications to include technical and contractual updates necessary because of changes by Illinois Environmental Protection Agency (IEPA), EJCDC, and technical specification updates."

Under **Additional Services**,

REPLACE the first paragraph with the following:

"All additional services are being provided and authorized with this Amendment."

BTM:sme\R\MAD\Documents\Agreements\W\Washington, City of (IL)\STP No. 2_Phase IIA Imps.2013\Agr\Am\1879.015.2.docx

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REPLACE No. 1 in its entirety with the following:

- "1. Provide RPR for full-time observation of construction for 20 weeks and part-time observation of construction for 30 weeks. Part-time construction will consist of three consecutive eight hour days weekly. In furnishing observation services, ENGINEER's efforts will be directed toward determining for OWNER that the completed project will, in general, conform to the Contract Documents; but ENGINEER will not supervise, direct, or have control over the contractor's work and will not be responsible for the contractor's construction means, methods, techniques, sequences, procedures, or health and safety precautions or programs, or for the contractor's failure to perform the construction work in accordance with the Contract Documents."

ADD the following:

- "5. Prepare O&M manual for the operation of treatment processes at the existing facilities constructed as part of the Phase 1 improvements. The associated fee with this **Scope of Services** does not include the fee for the O&M manual associated with the Phase 2A project. The information will be prepare in a similar format as the documents prepared for the new facilities."

Under **Compensation**, REPLACE \$198,000 with "\$221,300."

REPLACE the tables, in their entirety, with the following:

1.	Direct Labor Costs	\$ 64,700
2.	Indirect Costs (Direct Labor x 1.59)	\$102,800
3.	Other Direct Costs (expenses), lodging, mailings, mileage, meals, phone, computer, equipment, printing, materials, and supplies.	\$ 22,800
4.	Fixed Fee	<u>\$ 31,000</u>
	Total Estimated Fee	\$221,300

Full-Time RPR Services

1.	Direct Labor Costs	\$ 51,500
2.	Indirect Costs (Direct Labor x 1.59)	\$ 81,900
3.	Other Direct Costs (expenses), lodging, mailings, mileage, meals, phone, computer, equipment, printing, materials, and supplies.	\$ 30,100
4.	Fixed Fee	<u>\$ 26,200</u>
	Total Estimated Fee	\$189,700

Start-Up Assistance

1.	Direct Labor Costs	\$ 13,100
2.	Indirect Costs (Direct Labor x 1.59)	\$ 20,900
3.	Other Direct Costs (expenses), lodging, mailings, mileage, meals, phone, computer, equipment, printing, materials, and supplies.	\$ 3,600
4.	Fixed Fee	<u>\$ 6,100</u>
	Total Estimated Fee	\$ 43,700

O&M Manual (New Facilities)

1.	Direct Labor Costs	\$ 8,900
2.	Indirect Costs (Direct Labor x 1.59)	\$ 14,200

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3.	Other Direct Costs (expenses), lodging, mailings, mileage, meals, phone, computer, equipment, printing, materials, and supplies.	\$ 4,300
4.	Fixed Fee	<u>\$ 4,300</u>
	Total Estimated Fee	\$ 31,700

Postconstruction Assistance

1.	Direct Labor Costs	\$ 5,100
2.	Indirect Costs (Direct Labor x 1.59)	\$ 8,100
3.	Other Direct Costs (expenses), lodging, mailings, mileage, meals, phone, computer, equipment, printing, materials, and supplies.	\$ 2,300
4.	Fixed Fee	<u>\$ 2,700</u>
	Total Estimated Fee	\$ 18,200

O&M Manual (Existing Facilities)

1.	Direct Labor Costs	\$ 5,800
2.	Indirect Costs (Direct Labor x 1.59)	\$ 9,200
3.	Other Direct Costs (expenses), lodging, mailings, mileage, meals, phone, computer, equipment, printing, materials, and supplies.	\$ 3,200
4.	Fixed Fee	<u>\$ 2,900</u>
	Total Estimated Fee	\$ 21,000"

Under **Schedule**, CHANGE January 31, 2015, to "December 31, 2016."

IN WITNESS WHEREOF the parties hereto have made and executed this Amendment.

ENGINEER:

OWNER:

STRAND ASSOCIATES, INC.®

CITY OF WASHINGTON

	
Matthew S. Richards	Gary W. Manier
Corporate Secretary	Mayor
Date	Date