

CITY OF NEWBERG
PROFESSIONAL SERVICES AGREEMENT AMENDMENT NO. 2
July 11, 2000

Project: Fernwood Road Utilities (OTAK Project #09564)
Consultant: OTAK

Summary of Proposed Changes:

1. Work Involved:

Water line design revisions, sanitary sewer main revisions, pump station modifications, DEQ coordination, legal descriptions, cost estimates, and project management per the attached letter to the City of Newberg from OTAK, dated June 30, 2000.

2. Cost Summary:

Original contract amount:	\$139,911
Net change by previous amendments:	<u>4,900</u>
Previous total:	\$144,811
This amendment:	<u>24,720</u>
Amended contract amount:	\$169,531

3. Contract Time:

This Amendment extends the project schedule to August 15, 2000.

All other provisions of the professional services agreement remain in force.

ACCEPTANCE SIGNATURES:

Thomas Bhukhal 7/14/00
Consultant Date

Engineering Manager
Title

David R. Cobb 7/19/2000
City of Newberg Date

City Manager
Title

APPROVED AS TO FORM:

Terrence D. Mahr
Terrence D. Mahr
City Attorney



- ATTACHMENT "A" -
TO
PROFESSIONAL SERVICES AGREEMENT
AMENDMENT NO. 2

June 30, 2000

Mike Soderquist, PE,
Community Development Department
City of Newberg
719 E. First Street
P.O. Box 970
Newberg, OR 97132

SUBJECT: *Fernwood Utilities – Otak Project No. 09564*

Dear Mike:

We were directed to re-start the project, including modifying the plans. At a meeting on February 18, 2000. Subsequently additional modifications were requested based on City Staff coordination with City Operations and Werth. The following description of work is divided based on those two iterations of work. Revision No. 1 is the first iteration and is described below. Larry Anderson halted work on this revision on May 31, 2000. Following recent meetings with the city and Werth, new work was identified and is included under Revision No. 2. Based on our most recent discussions regarding electrical work, building modifications, and piping revisions, the following is a description of the work to be completed to finalize the construction drawings, specifications, and legal descriptions for both revisions. Attached is an estimate of hours to complete the work for both revisions including subconsultants and direct expenses.

REVISION NO. 1

Waterline Revisions

Includes recalculating water line restraints and revising the plans, specifications and cost estimate for the new water line layout. A 12-inch line will be connected to the 24-inch line along Fernwood Road and extended to the pump station limits with a service line extended to the pump station. Water main line (control) valves are requested on the 24-inch and 12-inch lines. The line to Brutscher changes size at an assumed point south of the existing 8-inch line along Brutscher as discussed at a previous meeting.

Sanitary Sewer Main Revisions

Includes revising the plans, specifications and cost estimate for the changes in sizes of the sanitary sewer mains in Fernwood and Brutscher, and modifications to overflow line to provide overflow detection.

Pump Station Modifications

Drawing changes to pump station piping were requested by the city crews. The

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or (503) 221-1832

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construction drawings and specifications will be modified to stretch the CMU building 2 feet to the east to accommodate operation's request to utilize different electrical equipment.

DEQ Coordination

Contact DEQ; obtain status update; submit revised plans; and drafting the Land Use Compatibility Statement for the City to complete.

Legal Descriptions

Prepare three legal descriptions - five-foot right-of-way dedication along the Werth property frontage on Fernwood; ten-foot construction or utility easement along the Werth property on Fernwood; sixty-foot public easement for Brutscher Street; description for the pump station site. The pump station site was included in the original contract. This estimate is for the additional legals.

Cost Estimates

The revision required changes to the bid tabulation and unit prices.

Structural Engineering (WDY)

This covers the revisions to structural drawings and calculations to stretch the 10'x12' CMU pump building 2'-0" to the east. Revised structural calculations and drawings for the pump building will be stamped for permit application.

Electrical Engineering (R&W Engineering)

Includes the re-design of the control system; modification to building space; drawings and calculations for variable frequency drives; modify the pump cabling and terminations to meet the city's new standard; modify telephone connection to telemetry; add an area light on a pole; eliminate the low-level float; and elimination of interposing relays except for the motor starts.

REVISION NO. 2

Waterline Revisions

The developer has requested the City to utilize a different alignment for the 24-inch water main. The City is analyzing this alignment with respect to fire flows, pressures, additional valves, and any additional inter-connection requirements. Once the city determines what portion of the new waterline to include in this project, the plan and profile of this new alignment and appurtenances will be placed on the construction drawings and specifications will be modified accordingly. The estimated hours for this portion of work are preliminary and may not be applicable to final scope of work that is identified. The scope is based on revising like sizes with the current extent of the work.

Sanitary Sewer Main Revisions

Further changes to the sanitary sewer main have not been identified at this time.

Pump Station Modifications

Construction drawings and specifications will be revised for the City's request for the pumps to be supplied by the contractor.

DEQ Coordination

There are no additional requirements identified at this time.

Legal Descriptions

The changes to the waterline layout will require additional legals. Research of parcels and Title Reports will be prepared for a minimum of a 15-foot construction and permanent utility easements.

Cost Estimates

The revision requires changes to the bid tabulation and unit prices.

REVISIONS NO. 1 AND NO. 2

Project Management

This covers the work necessary to get the project restarted and complete the assigned tasks including contract management, monthly billings and reports, and coordination with City staff. In addition, there will be coordination with the subconsultants for other revisions. Assumes the duration of the additional work is through bid award.

Direct Expenses

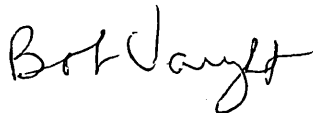
This covers any direct expenses incurred for copies, reproduction, and travel as identified in the original agreement for engineering services.

With your approval, Otak proposes to amend the current agreement as described above.

Please call me at your earliest convenience to tie up the contract details and complete the work.

Sincerely,

Otak, Incorporated



Bob Vaught, PE
Project Manager

TBW: bv

cc: Tom Walsh
Tonya Finley
Kristen Bachofner

City of Newberg
Fernwood Road Utilities

June 29, 2000

Otak, Inc.									
Task	Sr. Project Manager Civil	Project Engineer	Civil Engineer, CADD Specialist	Survey Manager	Project Surveyor	Project Assistant	Total	Task Total	Phase Total
Waterline Revisions									
Revision No. 1	4	16	30				50	\$3,374	
Revision No. 2	4	16	20				40	\$2,824	
Specifications	2	6				2	10	\$794	\$6,992
Sanitary Sewer Main Revisions									
Revision No. 1	4	8	20				32	\$2,192	
Revision No. 2							0	\$0	
Specifications	2	4				2	8	\$636	\$2,828
Pump Station Modifications									
Revision No. 1	2	4	4				10	\$766	
Revision No. 2	2	4	8				14	\$986	
Specifications	4	8				2	14	\$1,182	\$2,934
DEQ Coordination									
Revision No. 1		8						\$632	\$632
Legal Descriptions									
Revision No. 1					2	2	4	\$230	
Revision No. 2				2	6	2	10	\$730	\$960
Cost Estimates									
Revision No. 1	2	8				2	12	\$952	
Revision No. 2	2	8				2	12	\$952	\$1,904
Project Management									
Meetings	12					4	16	\$1,560	
Coordination	18					12	30	\$2,610	\$4,170
Total Hours	58	90	82	2	8	30	262		
Billing Rate	\$115	\$79	\$55	\$110	\$70	\$45			
Labor Cost									
Direct Expenses									\$1,000
Otak Total									\$21,420

Subcontractors

Structural Engineering (WDY)

\$700

Electrical Engineering (R&W Engineering)

\$2,600

PROJECT TOTAL \$24,720