

**AMENDMENT NUMBER 1 TO  
AGREEMENT FOR PROFESSIONAL SERVICES  
BETWEEN  
TTL ASSOCIATES, INC.  
AND  
THE CITY OF ANN ARBOR**

The City of Ann Arbor, a Michigan municipal corporation, with offices at 301 E. Huron St. Ann Arbor, Michigan 48107-8647 (“City”) and TTL Associates, Inc., having its offices at 44265 Plymouth Oaks Blvd., Plymouth, MI 48170 (“Contractor”) agree to amend the professional services agreement for the project Crest, Buena Vista, Washington Water Main Project\_\_ executed by the parties dated March 1, 2018 (“Agreement”) as follows:

- 1) Exhibit B, Compensation, is amended to read as follows:

Contractor shall be paid for those Services performed pursuant to this Agreement inclusive of all reimbursable expenses (if applicable), in accordance with the terms and conditions herein. The Compensation Schedule below/attached states nature and amount of compensation the Contractor may charge the City. The total represents a summation of services based on estimated quantities, and not guaranteed to the contractor:

Crest, Buena Vista, Washington Water Main Replacement  
Construction Materials Testing - Fee Schedule

Estimated Quantity	Unit Price (\$)	Price Extension (\$)	Description of Service Item
650	@ \$45.00 /hour	= \$29,250.00	Technician Including Nuclear Densometer – Straight Time <sup>(1)</sup>
100	@ \$57.00 /hour	= \$5,700.00	Technician Including Nuclear Densometer – Overtime <sup>(1) (2)</sup>
103	@ \$35.00 /day	= \$3,605.00	Technician Daily Mobilization (includes travel time to and from the project site)
50	@ \$83.00 /hour	= \$4,150.00	Additional Professional Engineering Services, as Requested by the City <sup>(5)</sup>
75	@ \$15.00 /each	= \$1,125.00	Concrete Cylinder Mold, Cure, Pickup, and Compressive Strength Test <sup>(4)</sup>
8	@ 74.00 /each	= \$592.00	Sieve Analysis
8	@ \$208.00 /each	= \$1,664.00	Modified Proctor Test
12	@ \$138.00 /each	= \$1,656.00	HMA Volumetric Test <sup>(3)</sup>
5	@ \$125.00 /each	= \$625.00	PG Binder Verification Test
<b>Total Price:</b>		<b>\$48,367.00</b>	

Notes:

<sup>(1)</sup> Unit prices for all technician service items shall include all vehicle costs, equipment costs, project management, and office support, including engineering review and secretarial services. No minimum hour charge will be paid, unless work for the day is cancelled by the City without advance notice. Minimum "cancellation charges" will be limited to four hours. This item shall also be used for all cylinder and sample pick-ups.

<sup>(2)</sup> Overtime rates shall be applied only to hours worked beyond an eight (8) hour workday (Monday through Friday) or to any hours worked on Saturdays. Double-time rates (2 times the straight time rate) shall be applied to hours worked on Sundays and City holidays.

<sup>(3)</sup> Includes sieve analysis, VMA, VFA, Gmm, Gmb, air voids, percentage of crushed material, fines to binder ratio, and percent of asphalt. Results to be submitted to the City within 5 business days of placement.

<sup>(4)</sup> The City will require 4 cylinders be molded per sample location, unless otherwise specified.

<sup>(5)</sup> This item shall also include Project Manager and/or Project Engineer time for attending preconstruction meetings, construction progress meetings, and any other meetings as requested by the City.

All terms, conditions, and provisions of the Agreement, unless specifically amended above, shall apply to this Amendment and are made a part of this Amendment as though expressly rewritten, incorporated, and included herein.

This Amendment to the Agreement shall be binding on the Parties' heirs, successors, and assigns.

**For Contractor**

By \_\_\_\_\_

Its:

Date: \_\_\_\_\_

**Approved as to form and content**

\_\_\_\_\_  
Stephen K. Postema, City Attorney

**For City of Ann Arbor**

By \_\_\_\_\_  
Christopher Taylor, Mayor

By \_\_\_\_\_  
Jacqueline Beaudry, City Clerk

**Approved as to substance**

\_\_\_\_\_  
Howard S. Lazarus, City Administrator

\_\_\_\_\_  
Service Area Administrator