

AMENDMENT NUMBER 2
TO STANDARD AGREEMENT FOR PROFESSIONAL SERVICES

THIS Amendment (the "Amendment") is made by the City of Peoria, whose address is 419 Fulton, Peoria, IL 61602 hereinafter called the **CITY** and Hanson Professional Services Inc., Consulting Engineers, 7625 N. University St, Suite 200, Peoria, IL 61614, hereinafter called the **ENGINEER**, parties to the **Agreement** (the "Agreement") dated May 22, 2012.

The Agreement is hereby amended as follows:

SERVICES included under this Amendment (design engineering services) shall be performed under the supervision of an Illinois Professional **ENGINEER** and be sealed by that person.

The **ENGINEER** agrees to provide the above described **SERVICES** and the **CITY** agrees to compensate the **ENGINEER** for these **SERVICES** on a time and expense basis in accordance with the attached Schedule of Hourly Charges. Reimbursable direct expenses and sub-engineer services performed by another firm will be invoiced at cost. Hours in excess of 8 hours per day or 40 hours per week will only be compensated at the attached Schedule of Hourly Charges there will be no premium hourly charges awarded. 2012 Hourly rates, as included in the original agreement, shall be used for new work in 2015.

This Amendment shall remain in effect until December 31, 2015. The total fee of all projects completed under this Amendment shall not exceed TWO HUNDRED THOUSAND DOLLARS (\$200,000). The **CITY** retains the option to extend the time of the Amendment and/or increase the fee limit with City Council approval. The **CITY** and the **ENGINEER** each binds himself, his partners, successors, executors, administrators and assignees to each other party hereto in respect to all the covenants and Amendments herein and, except as above, neither the **CITY** nor the **ENGINEER** shall assign, sublet or transfer any part of his interest in the AGREEMENT or this Amendment without the written consent of the other party hereto. This Amendment, and its construction, validity and performance, shall be governed and construed in accordance with the laws of the State of Illinois. This Amendment is in the best interest of the City of Peoria and authorized by 720 ILCS 5/33E-9.

Except as set forth in this Amendment, the Agreement is unaffected and shall continue in full force and effect in accordance with its terms. If there is conflict between this Amendment and the Agreement or any earlier amendment, the terms of this Amendment will prevail.

IN WITNESS WHEREOF, the parties hereto have affixed their hands and seals this _____ day of _____, 2014.

| Executed by ENGINEER: | |
|-------------------------------|-------------------------------------|
| Attest: <u>Jucinda A. Lee</u> | By: <u>[Signature]</u> |
| Title: <u>Vice President</u> | Title: <u>SENIOR VICE PRESIDENT</u> |

| Executed by CITY: | |
|--------------------------|--|
| Attest: | City of Peoria, Illinois Reviewed and Approved: |
| By: <u>Beth Ball</u> | By: <u>Patrick Urich</u> |
| Title: <u>City Clerk</u> | Title: <u>City Manager</u> |
| | By: <u>Donald Leist</u> |
| | Title: <u>Corporation Counsel</u> |
| | By: <u>Michael T. Rogers</u> |
| | Title: <u>Director of Public Works</u> |

**BASIS OF PAYMENT
CONSULTING SERVICES**

The following schedule is for design engineering services provided on an hourly basis.

| <u>Classification</u> | <u>2012 Rates</u> | <u>2013 Rates</u> | <u>2014 Rates</u> |
|-----------------------|-------------------|-------------------|-------------------|
| Principal | \$206.50 | \$212.70 | \$219.08 |
| E/A/S VIII | \$184.91 | \$190.46 | \$196.17 |
| E/A/S VII | \$160.88 | \$165.71 | \$170.68 |
| E/A/S VI | \$129.53 | \$133.42 | \$137.42 |
| E/A/S V | \$118.64 | \$122.20 | \$125.87 |
| E/A/S IV | \$100.52 | \$103.53 | \$106.64 |
| E/A/S III | \$84.49 | \$87.02 | \$89.63 |
| E/A/S II | \$74.40 | \$76.64 | \$78.94 |
| E/A/S I | \$70.77 | \$72.89 | \$75.08 |
| Manager/Designer | \$110.21 | \$113.52 | \$116.92 |
| Tech VII | \$98.87 | \$101.83 | \$104.89 |
| Tech VI | \$86.31 | \$88.90 | \$91.57 |
| Tech V | \$79.20 | \$81.58 | \$84.02 |
| Tech IV | \$74.62 | \$76.86 | \$79.16 |
| Tech III | \$61.27 | \$63.11 | \$65.00 |
| Tech II | \$54.28 | \$55.91 | \$57.59 |
| Admin VII | \$158.46 | \$163.21 | \$168.11 |
| Admin VI | \$102.38 | \$105.45 | \$108.62 |
| Admin V | \$74.15 | \$76.38 | \$78.67 |
| Admin IV | \$72.60 | \$74.78 | \$77.02 |
| Admin III | \$51.95 | \$53.50 | \$55.11 |
| Admin II | \$52.56 | \$54.14 | \$55.76 |
| Admin I | \$26.55 | \$27.35 | \$28.17 |

| City of Peoria Various Various Direct Expenses | | | | |
|---|-------------|------------------|------------------|------------------|
| Direct Cost Item | Unit | 2012 Rate | 2013 Rate | 2014 Rate |
| Construction Field Truck | Per Day | \$45.00 | \$46.35 | \$47.74 |
| Mileage | Per Mile | IRS Rate | IRS Rate | IRS Rate |
| Cell Phone | Per Month | \$70.00 | \$72.10 | \$74.26 |
| CADD Computer/Hour | Per Hour | \$15.00 | \$15.45 | \$15.91 |
| Plots - Bond Prints (Black White) | Sq Ft. | \$0.35 | \$0.36 | \$0.37 |
| Plots - Bond Prints (Color) | Sq. Ft. | \$1.25 | \$1.29 | \$1.33 |
| Postage/Delivery | N/A | Cost | Cost | Cost |
| Advertisements | N/A | Cost | Cost | Cost |
| Material Testing | N/A | Cost | Cost | Cost |
| Overtime | Hour | Premium Portion | Premium Portion | Premium Portion |
| Equipment Rental | N/A | Cost | Cost | Cost |



Payroll – 2.8 Multiplier by Classification

| <u>Classification</u> | <u>2012 Rate \$</u> | <u>2013 Rate \$</u> | <u>2014 Rate \$</u> |
|----------------------------|-------------------------|-------------------------|-------------------------|
| Principal | 196.00 | 196.00 | 196.00 |
| Engineer V | 161.20 | 166.04 | 171.02 |
| Engineer IV | 119.39 | 122.98 | 126.67 |
| Engineer III | 98.67 | 101.64 | 104.69 |
| Engineer II | 68.35 | 70.39 | 72.49 |
| Survey Services Mgr | 115.50 | 118.97 | 122.53 |
| Environmental Services Mgr | 105.31 | 108.47 | 111.72 |
| Technician V | 98.00 | 100.94 | 103.96 |
| Sr. Technician IV | 109.20 | 112.48 | 115.86 |
| Technician IV | 86.55 | 89.15 | 91.84 |
| Technician III | 71.01 | 73.14 | 75.32 |
| Technician II | 56.92 | 58.63 | 60.40 |
| Technician I | 26.12 | 26.91 | 27.72 |
| Marketing Coordinator | 71.57 | 73.72 | 75.94 |
| Adm. Principal | 112.00 | 115.36 | 118.83 |
| Adm. Assistant | 46.87 | 48.27 | 49.73 |



2012 FEE SCHEDULE

BLOOMINGTON BRANCH

PERSONNEL

FIELD SERVICES

*Subsurface Exploration
- Geotechnical

*Field Equipment/Supplies

LABORATORY SERVICES

*Compaction & Density

*Soils

*Portland Cement Concrete

GENERAL PERSONNEL

Engineering

| | | |
|----------------------------------|-------------|--------|
| Principal, P.E. | Per Hour \$ | 175.00 |
| Professional Engineer, P.E. | Per Hour \$ | 145.00 |
| Graduate Engineer | Per Hour \$ | 110.00 |

Construction Materials Engineering (CME)

| | | |
|--|-------------|--------|
| CME Technician | Per Hour \$ | 48.50 |
| Caisson/Pile Driving/Mass Grading Technician | Per Hour \$ | 60.00 |
| IDOT QC/QA Level I BIT or PCC | Per Hour \$ | 60.00 |
| IDOT QC/QA Level II BIT or PCC..... | Per Hour \$ | 65.00 |
| Structural Steel Technician | Per Hour \$ | 110.00 |

Support Staff

| | | |
|--|-------------|--------|
| Draftsperson | Per Hour \$ | 60.00 |
| Secretary | Per Hour \$ | 40.00 |
| Layout Crew (includes Utility Clearance) | Per Hour \$ | 120.00 |

Transportation

| | | |
|-----------------------------|-------------|------|
| Light Vehicle | Per Mile \$ | 0.60 |
| Public Transportation | Cost +10% | |

SUBSURFACE EXPLORATION

Mobilization and Out of Town Expenses

| | | |
|--|----------|-----------|
| Local Project (up to 50 miles from TSC Office Servicing Project) | | |
| Truck Mounted Drill | Each | \$ 250.00 |
| All Terrain Vehicle (ATV) Mounted Drill | Each | \$ 375.00 |
| Light Vehicle (under 8,000 GVW) | Per Mile | \$ 0.90 |
| Standby/Move Time Between Borings in Excess of 1/2 Hour.... | Per Hour | \$ 160.00 |

Drilling & Sampling (Geotechnical)

Advanced Bore Holes by Solid Auger, Hollowstem, or Rotary Methods - per Lineal Foot

| Depth in Feet | Normal Drilling * | Hard Drilling ** |
|---------------|-------------------|------------------|
| 0-25 | \$ 12.75 | \$ 14.75 |
| 25-50 | \$ 14.50 | \$ 16.75 |
| 50-100 | \$ 17.65 | \$ 20.25 |
| 100-150 | \$ 23.00 | \$ 26.50 |
| 150-200 | \$ 30.00 | \$ 34.50 |

* Normal Drilling - Under 60 Blows per Foot (BPF)

** Hard Drilling - Over 60 BPF

Surcharge for Use of Drill Mounted on All Terrain Vehicle Per Foot \$ 2.00

| Obtain Soil Samples | 0-50' | 50'-100' | 100'-150' |
|----------------------|----------|----------|-----------|
| Standard Split Spoon | \$ 9.75 | \$ 11.75 | \$ 15.00 |
| Oversize Split Spoon | \$ 14.50 | \$ 18.00 | \$ 22.75 |
| 2" Thin-Walled Tube | \$ 27.50 | \$ 30.00 | \$ 37.50 |
| 3" Thin-Walled Tube | \$ 30.00 | \$ 40.00 | \$ 50.00 |
| Auger | \$ 5.00* | | |

* To 14.0' Depth only

Rock Coring with NX Size Core Barrel Equipment

Set up per boring (Includes first 40' of Casing) Each \$ 250.00

Set Casing (Below 40' Depth) Per Lineal Foot \$ 10.00

Rock Coring in Sedimentary Formations Per Lineal Foot \$ 30.00

Grouting Bore Holes

Small Diameter Holes (4¹/₂ inches or less) Per Lineal Foot \$ 5.00

Large Diameter Holes (greater than 4¹/₂ inches) Per Lineal Foot \$ 6.50

GENERAL FIELD EQUIPMENT & SUPPLIES

| | | | |
|--------------------------------------|-----------------|----|-------|
| Dynamic Cone Penetrometer | Per Day | \$ | 35.00 |
| Nuclear Moisture/Density Gauge | Per Day | \$ | 35.00 |
| Ultra Sonic Equipment | | | |
| With Generator | Per Day | \$ | 95.00 |
| Without Generator | Per Day | \$ | 50.00 |
| Dye Penetrant Equipment | Per Lineal Foot | \$ | 0.50 |
| Magnetic Particle Equipment | Per Day | \$ | 35.00 |
| Coring Machine | Per Day | \$ | 75.00 |

LABORATORY FEES

Compaction & Density

| | | | |
|---|----------|----|--------|
| Illinois Bearing Ratio (CBR) D-1883 | Per Test | \$ | 175.00 |
| Lime Modified IBR (IDOT Method) | Per Test | \$ | 650.00 |
| Standard Proctor Test ASTM D-698 | | | |
| 4" (Method A) | Per Test | \$ | 150.00 |
| 6" (Method B, C, or D) | Per Test | \$ | 175.00 |
| Modified Proctor Test ASTM D-1557 | | | |
| 4" (Method A) | Per Test | \$ | 175.00 |
| 6" (Method B, C, or D) | Per Test | \$ | 200.00 |

Soils

| | | | |
|---|----------|----|--------|
| Thin-Walled Tube Samples | | | |
| Water content and Dry Unit Weight Determination | Per Test | \$ | 13.00 |
| Unconfined Compressive Strength | Per Test | \$ | 11.00 |
| Visual Soil Classification ASTM D-2488 | Per Test | \$ | 5.00 |
| Water Content Determination ASTM | Per Test | \$ | 5.00 |
| Dry Unit Weight Determination | Per Test | \$ | 5.50 |
| Cohesive Soils - Strength Measurements | | | |
| Unconfined Compressive Strength (Q _u) ASTM D-2166 | Per Test | \$ | 11.00 |
| Particle Size Analysis ASTM D-422 | | | |
| Unwashed | Per Test | \$ | 60.00 |
| With #200 Sieve Wash | Per Test | \$ | 75.00 |
| With Hydrometer | Per Test | \$ | 115.00 |
| Atterberg Limits ASTM D-4318 | Per Test | \$ | 65.00 |
| Specific Gravity of Soils ASTM D-854 | Per Test | \$ | 65.00 |
| Organic Content Tests | | | |
| Moisture, Ash, & Organic Matter ASTM D-2974 | Per Test | \$ | 40.00 |
| Wet Combustion (IDOT Method) | Per Test | \$ | 70.00 |
| Combined | Per Test | \$ | 105.00 |
| Topsoil Suitability (Organic Wet Combustion & Ph) | Per Test | \$ | 95.00 |

LABORATORY FEES

Soils cont.

| | | |
|---|------------|------------|
| One Dimensional Consolidation ASTM D-2436 | | |
| Single Load-Unload Cycle to 16 TSF | Per Test | \$ 400.00 |
| Additional Load-Unload Cycle | Per Test | \$ 105.00 |
| Direct Shear Under Consolidation ASTM D-3080 | Per Test | \$ 3550.00 |
| Triaxial Compression | | |
| Unconsolidated, Undrained ASTM D-2850 | Per Test | \$ 220.00 |
| Consolidated, Undrained ASTM D-4767 | Per Sample | \$ 440.00 |
| Consolidated, Drained Triaxial Compression Test | | On Request |
| Difficult Sample Preparation or Remolding | Per Test | \$ 60.00 |

Portland Cement & Concrete

| | | |
|--|----------|----------|
| Concrete Cylinders | | |
| Compressive Strength (ASTM C-39) | Per Test | \$ 15.50 |
| Spare/Handling Charge | Per Test | \$ 15.00 |
| Flexural Strength of Concrete Beam | Per Test | \$ 30.00 |
| Concrete Cores-Compressive Strength with Length Measurement | Each | \$ 30.00 |
| Density Measurement | Each | \$ 7.50 |

Bituminous Pavement Mixtures

| | | |
|---|------------|-----------|
| Extraction for Asphalt with Sieve Analysis | | |
| Unwashed Sieve Analysis | Per Test | \$ 185.00 |
| Washed Sieve Analysis | Per Test | \$ 205.00 |
| Compaction of Bituminous Mixture by | | |
| Gyratory Methods & Bulk Specific Gravity Test..... | Per Test | \$ 185.00 |
| With Percent Voids and Theoretical Maximum Density .. | Additional | \$ 90.00 |
| Bulk Density of Core Specimens (ASTM D-2726) | Per Test | \$ 40.00 |