

**BOARD OF COUNTY COMMISSIONERS**  
**SARPY COUNTY, NEBRASKA**  
**RESOLUTION AUTHORIZING CONTRACT AMENDMENT NO. 1 TO THE MASTER**  
**AGREEMENT FOR PROFESSIONAL SERVICES WITH OLSSON & ASSOCIATES,**  
**INC.**

WHEREAS, pursuant to Neb. Rev. Stat. §23-104(6) (Reissue 2007), the County has the power to do all acts in relation to the concerns of the county necessary to the exercise of its corporate powers; and,

WHEREAS, pursuant to Neb. Rev. Stat. §23-103 (Reissue 2007), the powers of the County as a body are exercised by the County Board; and,

WHEREAS, Sarpy County is in need of further professional engineering services for testing and inspections associated with the construction of the Sarpy County Stadium Project; and;

WHEREAS, an agreement has been proposed with Olsson & Associates, Inc. to provide the necessary services.

NOW, THEREFORE, BE IT RESOLVED BY THE SARPY COUNTY BOARD OF COMMISSIONERS THAT the Chairman and Clerk are hereby authorized to execute on behalf of Sarpy County, an Contract Amendment No. 1 to the Master Agreement with Olsson & Associates, Inc., a copy of which is attached hereto, the same being approved by the Board.

DATED this 13<sup>th</sup> day of ~~June~~ July, 2010.

Moved by Rusty Hoke, seconded by Pat Thomas, that the above Resolution be adopted. Carried.

YEAS:

NAYS:

ABSENT:

[Signature]

none

none

[Signature]

[Signature]

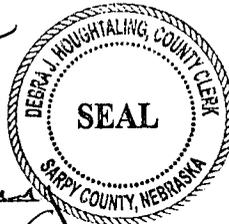
ABSTAIN:

[Signature]

none

[Signature]

ATTEST:



[Signature]  
County Clerk

Approved as to form:

[Signature]  
Deputy County Attorney



**CONTRACT AMENDMENT No. 1  
to the Master Agreement for  
Professional Services for  
Sarpy County Stadium  
Sarpy County, Nebraska  
OA Project No. 009-2016**

THIS CONTRACT AMENDMENT, executed between Sarpy Count, NE, hereinafter called the Client, and Olsson Associates, hereinafter called Olsson, shall amend the above-referenced Agreement dated October 8<sup>th</sup>, 2009.

The following provided schedule and services starting from January 28<sup>th</sup>, 2010 to complete the project based on construction schedule of Weitz Company and conversations with Sarpy County.

WITNESSETH, that in accordance of the mutual covenants herein contained, the Client hereby agrees to employ Olsson to perform engineering services hereinafter outlined.

**SECTION I - SCOPE OF SERVICES**

**SCHEDULE OF FEES**

**Soils, Concrete, Masonry and Steel Services: For engineering services including site visits, engineering analysis, project management, project meetings, report preparation, consultation, etc.**

|  |          |        |
|--|----------|--------|
| Administrative Technician*               | per hour | 45.00  |
| Senior Technician* (Special Inspections) | per hour | 46.00  |
| SWPPP Inspector                          | per hour | 55.00  |
| Certified Welding Inspector*             | per hour | 55.00  |
| Project Manager                          | per hour | 80.00  |
| Project Engineer                         | per hour | 95.00  |
| Mileage (Estimated at \$5.00/trip)       | per hour | 120.00 |
|  | per mile | .68    |

**Laboratory Testing: For laboratory testing services**

|   |          |       |
|---|----------|-------|
| Compressive Strength of Concrete Cylinder | per test | 15.00 |
| Compressive Strength of Block             | per test | 90.00 |
| Asphalt/Concrete Coring                   | per test | 68.00 |
| Asphalt Density                           | per test | 65.00 |
| Concrete Thickness                        | per test | 18.00 |
| Theoretical M.S.G.                        | per test | 62.00 |

**Equipment: For field testing services**

|  |          |        |
|--|----------|--------|
| Dipstick 2200 (Floor Flatness Machine) | per test | 270.00 |
| Skidmore Wil-helm Machine              | per use  | 300.00 |

\*Services provided on Saturday, Sunday and Holidays and in excess of 8-hours/day will be charged at 1.5 times the unit fee. 4-hour minimum applies for steel services only.

### **TASK III: SPECIAL INSPECTIONS AND TESTING SERVICES**

Special inspection services are required for verification of bearing materials, reinforced cast-in-place concrete, structural masonry and structural steel. We propose to provide our monitoring and testing services in the following manner:

1. Olsson will observe the footing excavations to confirm that the bearing surfaces are properly cleaned and that the bearing material is consistent with the foundation design. Olsson will provide a technician on an as requested basis and we have budgeted to observe the base of each of the footing excavations.
2. Olsson will provide an inspector/technician on an as-required basis during the construction of footings, structural walls, retaining walls, and structural decks. We will monitor the placement of reinforcing steel for compliance with the plans and specifications. We will sample and test the concrete for slump, air entrainment and temperature, and will cast sets of 4 compressive strength specimens for the reinforced concrete placed on-site. Samples will be cast as specified in the project specifications unless instructed otherwise. We have proposed the following:
  - 184 – Sets of 3 compressive strength specimens ASTM C-31 for the building structures
    - Cast-In-Place Walls and Bleachers - (150 sets)
    - Continuous and Spread Footings - ( 34 sets)
3. Olsson Associates will provide inspection in accordance with the 2006 IBC for masonry construction. Initial full-time inspection will be performed for the first couple days of masonry placement. Following the initial full-time inspection period, we will provide as requested inspection of the grouting process during the remaining construction unless additional inspection is warranted. In addition, we will retrieve masonry block materials each 5,000 square feet for compressive strength and absorption testing and will provide inspection as required during grout placement, which is estimated for each 2,000 square feet of wall area placed. Olsson will provide a preconstruction meeting with the mason, superintendent and Olsson to establish inspections being provided and requirements set by the project specifications and the 2006 IBC. We have estimated the following:
  - 10 – Sets of 3 Masonry Block ASTM – C140
4. Olsson will provide a welding inspector during construction of the structural steel elements. We will monitor the required percentage of field bolted and welded connections. Welding procedures, specifications and welding qualification test records for AWS D1.1 and D1.3 are required to be submitted for review and recommended approval to the project structural engineer prior to welding being performed. Olsson will provide a preconstruction meeting with the erecting contractor, superintendent and Olsson to establish inspections being provided and requirements set by the project specifications and the 2006 IBC. Full-penetration welds and multi-pass fillet welds require full-time observation during the welding process and nondestructive testing to be performed on the completed welds in accordance with Chapter 17 of the 2006 building code. Full-time observation of full-penetration weld and multi-pass fillet welds is not included within this scope of work.
5. Olsson will prepare typed reports of each day's observations presenting the field test results and describing the progress and acceptability of the work and any required remedial action. Draft copies will be provided daily to your designated field representative if requested. Reports will be reviewed by our project manager and transmitted to the client, Architect/Engineer, contractor and Building Official. In addition, concrete and masonry compression test results will be e-mailed in a PDF format upon completion of laboratory testing.

6. Following completion of the project, Olsson will prepare a summary report stating its opinion with regard to whether the portions of the work it observed, inspected and/or tested was completed pursuant to the project specifications.
  
7. The below Scope of Work is approximate and intended to be used only as a basis for estimating the probable cost of the Work. Actual quantities of tests, site trips and technician time may differ from the estimated quantities. The actual basis of payment for the Work will be the actual quantities of tests, site trips, and technician time performed or expended. The below Scope of Work was prepared without the anticipation of profits on account of any difference between the actual and estimated quantities. If the construction methods utilized by contractors' for the below referenced project increases the frequency of site visits and construction testing units as listed in the below scope of work, this agreement shall be amended to supplement the cost of the out of scope services. Olsson will notify the Client if construction testing frequencies and site visits of the below scope of work are subject to increase due to construction methods or design changes prior to the commencement of said out of scope services. Olsson's sole obligation is to report its observation, inspection and test results to Client as provided herein

**PROPOSED SCOPE OF WORK:**

**Sarpy County Ballpark  
 Papillion, NE**

**Task III - Ballpark Building Structures - Special Inspections**

**Footing Bearing Surfaces**

|    |                      |                        |    |         |
|----|----------------------|------------------------|----|---------|
| 20 | hrs Sr. Technician @ | \$55.00 /hr            | \$ | 1100.00 |
| 14 | trips @              | \$5.00 /trip (mileage) | \$ | 70.00   |

**Reinforced Concrete**

|     |                               |                        |    |           |
|-----|-------------------------------|------------------------|----|-----------|
| 100 | hrs Sr. Technician @          | \$55.00 /hr            | \$ | 5,500.00  |
| 280 | hrs Technician @              | \$46.00 /hr            | \$ | 12,880.00 |
| 552 | Compression Test - Concrete @ | \$15.00 /each          | \$ | 8,280.00  |
| 161 | trips @                       | \$5.00 /trip (mileage) | \$ | 805.00    |

**Masonry**

|     |                            |                        |    |          |
|-----|----------------------------|------------------------|----|----------|
| 100 | hrs Sr. Technician @       | \$55.00 /hr            | \$ | 5,500.00 |
| 30  | Compression Test - Block @ | \$90.00 /each          | \$ | 2,700.00 |
| 25  | trips @                    | \$5.00 /trip (mileage) | \$ | 125.00   |

**Structural Steel**

|     |                                   |               |    |          |
|-----|-----------------------------------|---------------|----|----------|
| 104 | hrs Certified Welding Inspector @ | \$80.00 /hr   | \$ | 8,320.00 |
| 1   | use of Skidmore-Wilhelm           | \$300.00 /use | \$ | 300.00   |
| 26  | trips @                           | \$5.00 /trip  | \$ | 130.00   |

**Technician Supervision, Review, and Project Administration**

|    |                           |             |    |          |
|----|---------------------------|-------------|----|----------|
| 80 | hrs Project Manager @     | \$95.00 /hr | \$ | 7,600.00 |
| 40 | hrs Project Coordinator @ | \$55.00 /hr | \$ | 2,420.00 |
| 40 | hrs Administrative @      | \$45.00 /hr | \$ | 1,800.00 |

**Estimated Total: \$ 57,530.00**

Olsson Associates proposes an **estimated budget of \$57,500.00** based on the above referenced scope of work for the proposed project for our construction materials testing and inspection services.

**TASK IV: NON-SPECIAL INSPECTION TESTING SERVICES**

Construction monitoring and testing services have been requested prior to and during excavation of building and sidewalk subgrades, wall backfill, utility backfill and non-structural concrete. We propose to provide our monitoring and testing services in the following manner:

1. Olsson will review soil materials proposed for use as structural fill as needed. Olsson will utilize soil values attained during the soil site development for compaction criteria.
2. Olsson will observe the exposed subgrade within the construction limits of the pavement and building areas following the required over-excavations to verify that soils unsuitable for floor slab support have been removed and to identify unstable areas that require additional excavation prior to fill placement.
3. Olsson will provide an engineering technician to observe the placement of structural fill for the grading at the building and pavement areas, retaining wall and utility backfill on an as requested basis. Our technician would run field density tests to document the quality of the fill and help us evaluate compliance with the project specifications. Our technician will report the test results and our opinions regarding compliance of the work with the project specifications to your designated representative as the work progresses.
4. Olsson will provide a technician to observe the final prepared building subgrade prior to installation of the floor slabs and sidewalk sections. Proofrolling of the exposed subgrades with a loaded tandem axle dump truck is recommended if area of construction permits access. Otherwise, in-place field density tests will be performed along with probing with a T-rod to evaluate the exposed subgrade for the finish product.
5. Olsson will provide an inspector/technician on an as-required basis during the construction of slab-on grade, slab-on deck, and concrete sidewalk. We will monitor the placement of reinforcing steel for compliance with the plans and specifications. We will sample and test the concrete for slump, air entrainment and temperature, and will cast sets of 3 for non-structural and pavement concrete placed on-site. Samples will be cast as specified in the project specifications unless instructed otherwise. We have proposed the following:
  - 15 – Sets of 3 compressive strength specimens ASTM C-31 for the building structures
    - Floor Slabs –
      - Slab-on Grade – 10 pours (3 sets – each 100 yards non-structural)
      - Elevated Deck Slabs – 5 pour (5 sets)
  - 30 – Sets of 3 compressive strength specimens ASTM C-31 for the courtyard concrete
6. Olsson will provide floor flatness testing per ASTM E-1155 as requested by the construction manager for the concrete building slab-on grade. Floor flatness testing will be completed utilizing a Face Dipstick 2200 with an experienced technician. We have estimated 5 pours requiring floor flatness testing for this project.

**PROPOSED SCOPE OF WORK:**

**Sarpy County Ballpark  
 Papillion, NE**

**Task IV - Ballpark Building Structures - Non-Special Inspections**

**Reinforced Concrete**

|      |                               |                        |    |          |
|------|-------------------------------|------------------------|----|----------|
| 22.5 | hrs Technician @              | \$46.00 /hr            | \$ | 1,035.00 |
| 45   | Compression Test - Concrete @ | \$15.00 /each          | \$ | 675.00   |
| 15   | trips @                       | \$5.00 /trip (mileage) | \$ | 75.00    |

**PROPOSED SCOPE OF WORK CON'T:**

**Floor Slab and Concrete Subgrades**

|                     |                        |    |          |
|---------------------|------------------------|----|----------|
| 65 hrs Technician @ | \$46.00 /hr            | \$ | 2,990.00 |
| 32 trips @          | \$5.00 /trip (mileage) | \$ | 160.00   |

**Retaining Wall Backfill**

|                     |                        |    |          |
|---------------------|------------------------|----|----------|
| 42 hrs Technician @ | \$46.00 /hr            | \$ | 1,932.00 |
| 22 trips @          | \$5.00 /trip (mileage) | \$ | 110.00   |

**Utility Line Backfill**

|                     |                        |    |          |
|---------------------|------------------------|----|----------|
| 35 hrs Technician @ | \$46.00 /hr            | \$ | 1,610.00 |
| 18 trips @          | \$5.00 /trip (mileage) | \$ | 90.00    |

**Floor Flatness**

|                           |                        |    |          |
|---------------------------|------------------------|----|----------|
| 15 hrs Sr. Technician @   | \$55.00 /hr            | \$ | 825.00   |
| 5 uses of Floor Machine @ | \$270.00 /use          | \$ | 1,350.00 |
| 5 trips @                 | \$5.00 /trip (mileage) | \$ | 25.00    |

**Site Work - Concrete**

|                                  |                        |    |          |
|----------------------------------|------------------------|----|----------|
| 55 hrs Technician @              | \$46.00 /hr            | \$ | 2,530.00 |
| 90 Compression Test - Concrete @ | \$15.00 /each          | \$ | 1,350.00 |
| 22 trips @                       | \$5.00 /trip (mileage) | \$ | 110.00   |

**Technician Supervision, Review, and Project Administration**

|                              |             |    |          |
|------------------------------|-------------|----|----------|
| 24 hrs Project Manager @     | \$95.00 /hr | \$ | 2,280.00 |
| 24 hrs Project Coordinator @ | \$55.00 /hr | \$ | 1,320.00 |
| 15 Hrs Drafting @            | \$46.00 /hr | \$ | 690.00   |
| 16 hrs Administrative @      | \$45.00 /hr | \$ | 720.00   |

**Estimated Total: \$ 19,877.00**

Olsson Associates proposes an **estimated budget of \$20,000.00** based on the above referenced scope of work for the proposed project for our non-special inspection and construction materials testing services. This is based off a standalone fee but if incorporated with the other special inspection items the overall estimated fee would be reduced. These services would only be provided as requested.

**TASK V: EROSION CONTROL INSPECTION SERVICES**

SWPPP observation and inspection services are required during construction from point of ground disturbance to completed site development. We propose to provide our monitoring and inspection services in the following manner:

1. Olsson will provide an engineering technician for SWPPP inspection a minimum of once per week for the next 60 weeks of construction for the above referenced project. This will include a scheduled once-per-week site visit and an estimated 15 additional visits as required for rain events within the project area 1/2" or more rain in any 24 hour period. During winter months while exposed ground is frozen, inspection will be performed once per month. Olsson will report SWPPP compliance to the best of our knowledge. Inspection reports will be retained on-site and will be submitted weekly under separate cover to the Client and Contractor.

**PROPOSED SCOPE OF WORK:**

**Sarpy County Ballpark  
Papillion, NE**

**Task V - Erosion Control Reports**

**Erosion Control Reports (45 weeks)**

|                          |                        |    |          |
|--------------------------|------------------------|----|----------|
| 10 hrs Project Manager @ | \$95.00 /hr            | \$ | 950.00   |
| 115 hrs Sr. Technician @ | \$55.00 /hr            | \$ | 6,325.00 |
| 45 trips @               | \$5.00 /trip (mileage) | \$ | 225.00   |

**Estimated Total: \$ 7,500.00**

Olsson Associates proposes an **estimated budget of \$7,500.00** based on the above referenced scope of work for the proposed project for our construction materials testing and inspection services.

Depending on project size, weather conditions, and site stabilization, most projects require between 1 and 4 inspection visits per month over the duration of the project. Our proposed scope of services is based on a 45 week project duration requiring one inspection per week. Our proposed of services is based on completing a separate trip each week for the specific purpose of inspecting the site to evaluate compliance with the SWPPP and NPDES permit, although when possible, the SWPPP inspection services would be combined with our regular scheduled geotechnical and/or special inspection services and the client would not be invoiced for the separate travel time or mileage for the SWPPP inspection.

**TASK VI: PARKING LOT PAVEMENT TESTING SERVICES**

Construction monitoring and testing services have been requested prior to and during placement of pavement for the parking lot adjacent to the Sarpy County Ballpark. We propose to provide our monitoring and testing services in the following manner (Which is not based on the project specifications but to provide testing at a reduced cost but provide some type of Quality Assurance):

1. Olsson will provide a technician to observe the final prepared subgrade prior to installation of pavement sections. Proofrolling of the exposed subgrades with a loaded tandem axle dump truck is recommended if area of construction permits access. Otherwise, in-place field density tests will be performed along with probing with a T-rod to evaluate the exposed subgrade for the finish product.
2. Olsson will provide an inspector/technician on an as-required basis during the construction of concrete pavements. We will sample and test the concrete for slump, air entrainment and temperature, and will cast sets of 3 compressive strength specimens for the pavement concrete placed on-site. In addition concrete core sampling will be performed at a rate of one core per 3000 square yards of concrete placed. Samples will be cast as specified in the project specifications unless instructed otherwise. We have proposed the following:
  - 9 – Sets of 3 compressive strength specimens (1 set – each 200 cu. yds.)
3. Olsson will provide a technician to monitor placement of each the base and surface asphaltic hot mix concrete courses and provide in-pace density testing for establishing a rolling pattern to achieve the required density for each course of material. Four samples of the hot mix base and surface materials will be obtained for Theoretical M.S.G laboratory testing. We will utilize the Theoretical M.S.G. provided to evaluate the in-place material for density. These services

will be provided for each day of placement. In addition, core samples will be taken at the surface course at a rate of one core per 3000 square yards of the material placed.

- 4 – Theoretical M.S.G.
- 28 – Asphalt Core Samples
- 56 – Asphalt Core Density Tests

**PROPOSED SCOPE OF WORK:**

**Sarpy County Ballpark  
 Papillion, NE**

**Task VI - Parking Lot**

**Option B: Asphaltic Concrete Pavement**

**Pavement Subgrade**

|                     |                        |    |          |
|---------------------|------------------------|----|----------|
| 45 hrs Technician @ | \$46.00 /hr            | \$ | 2,070.00 |
| 20 trips @          | \$5.00 /trip (mileage) | \$ | 100.00   |

**Concrete Curb and Approaches**

|                                  |                        |    |        |
|----------------------------------|------------------------|----|--------|
| 20 hrs Technician @              | \$46.00 /hr            | \$ | 920.00 |
| 27 Compression Test - Concrete @ | \$15.00 /each          | \$ | 405.00 |
| 9 trips @                        | \$5.00 /trip (mileage) | \$ | 45.00  |

**Asphaltic Concrete Pavement**

|                                     |                        |    |          |
|-------------------------------------|------------------------|----|----------|
| 50 hrs Technician @                 | \$46.00 /hr            | \$ | 2,300.00 |
| 4 Theoretical M.S.G. @              | 62.00 /each            | \$ | 248.00   |
| 28 Asphalt Field Cores (sampling) @ | 68.00 /each            | \$ | 1,904.00 |
| 56 Asphalt Field Cores (density) @  | 65.00 /each            | \$ | 3,640.00 |
| 25 trips @                          | \$5.00 /trip (mileage) | \$ | 125.00   |

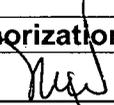
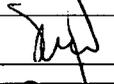
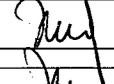
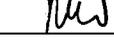
**Technician Supervision, Review, and Project Administration**

|                              |             |    |          |
|------------------------------|-------------|----|----------|
| 18 hrs Project Manager @     | \$95.00 /hr | \$ | 1,710.00 |
| 15 hrs Project Coordinator @ | \$55.00 /hr | \$ | 825.00   |
| 15 hrs Administrative @      | \$45.00 /hr | \$ | 675.00   |

**Estimated Total: \$ 14,967.00**

Olsson Associates proposes the below estimated budgets based on the above referenced scopes of work for the proposed project for our construction materials testing and inspection services.

**Estimated Budgets to Complete Task**

| Task Description |                                      | Amount      | Fee Type                     | Authorization  |
|------------------|--------------------------------------|-------------|------------------------------|--|
| Task III         | Special Inspections                  | \$57,500.00 | Estimated Time and Materials | Accept  |
| Task IV          | Non-Special Inspection and Testing   | \$20,000.00 | Estimated Time and Materials | Accept  |
| Task V           | SWPPP Inspection and Reporting       | \$7,500.00  | Estimated Time and Materials | Accept  |
| Task VI          | Pavement Testing –Option B (Asphalt) | \$15,000.00 | Estimated Time and Materials | Accept  |

**SECTION II - COMPENSATION**

The above scopes of work and estimated budgets are an anticipated cost to perform these services as they are specified within the project documents. As tasks are performed simultaneously with another task as the project progresses, site visits may be combined which may reduce the cost of those services. Olsson has made itself familiar with the project and the client's needs. Olsson will perform our services in a smart manner to aid in controlling the cost of these services.

For services covered by this Contract Amendment No. <sup>1</sup> ~~2~~, the Client agrees to pay Olsson as follows:

1. This amendment shall increase the total compensation amount in the original Contract by \$100,000.00 based on time and material, which shall not be exceeded without further authorization by the Client.

**SECTION III - OTHER MATTERS**

It is mutually understood and agreed:

- A. That all provisions of the original agreement not amended herein shall remain unchanged.

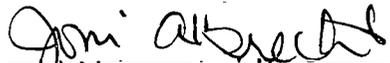
Executed this 17<sup>th</sup> day of June 2010.

**OLSSON ASSOCIATES**

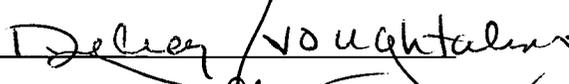
By   
Rick Hanny

By   
Anthony Nussbaum

**Sarpy County, NE "Client"**

By   
Title Chairman

ATTEST:

By   
Title County Clerk



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Approved as to form:

  
County Attorney

# Sarpy County Board of Commissioners

1210 GOLDEN GATE DRIVE  
PAPILLION, NE 68046-2895  
593-4155  
www.sarpy.com

ADMINISTRATOR  
Mark Wayne

DEPUTY ADMINISTRATOR  
Scott Bovick

FISCAL ADMIN./PURCHASING AGT.  
Brian Hanson



## COMMISSIONERS

**Rusty Hike**  
District 1

**Joni Jones**  
District 2

**Tom Richards**  
District 3

**Pat Thomas**  
District 4

**Rich Jansen**  
District 5

## MEMO

To: Sarpy County Commissioners

From: Mark Wayne, County Administrator

Re: Professional Services Agreement - Olsson & Associates

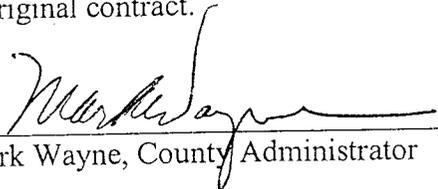
Attached is an agreement for testing services at the Stadium construction site to be provided by Olsson & Associates. The contract is an amendment to the Site Development Observation and Testing agreement approved in November. The original agreement was for testing done during site preparation whereas this agreement is for testing during construction.

The testing has been started and we have been following the contract while we negotiated the amount of testing required. Olsson first proposed testing in the amount not to exceed \$150,000 which we have negotiated down to a not to exceed amount of \$100,000.

I recommend approval of Amendment 1 to the original contract.

June 25, 2010

MW:lt

  
\_\_\_\_\_  
Mark Wayne, County Administrator