CITY COUNCIL AGENDA ITEM COVER MEMO

Agenda Item Number_____

Meeting Type: Regular

Meeting Date: 7/11/2013

Action Requested By:
Engineering

Agenda Item Type
Resolution

Subject Matter:
Engineering Survey Services – Big Spring Park

Exact Wording for the Agenda:
Resolution authorizing the Mayor to enter into an agreement with G.W. Jones & Sons Consulting Engineers, Inc. for Land Surveying Services for Big Spring Park Topographic Survey (East and West), Project No. 65-13-DR04

Note: If amendment, please state title and number of the original

Item to be considered for: Action

Unanimous Consent Required: No

Briefly state why the action is required; why it is recommended; what Council action will provide, allow
and accomplish and; any other information that might be helpful.
Surveying services contract to provide a topographic survey of existing conditions in Big Spring Park in a lump sum amount of $19,650.00. Account No. 23-6500-0816-8207

Associated Cost: $19,650.00

Budgeted Item: Select...

MAYOR RECOMMENDS OR CONCURS: Select...

Department Head: Kathy Mahr

Date: 7/1/13

revised 3/12/2012

ROUTING SLIP
CONTRACTS AND AGREEMENTS

Originating Department: **Engineering** Council Meeting Date: **7/11/2013**

Department Contact: **Lynn Majors** Phone # **256-427-5201**

Contract or Agreement: **Surveying Services**

Document Name: **Big Spring Park Topographic Survey Project No.** 65-13-DR04

City Obligation Amount: **$19,650.00**

Total Project Budget: **$19,650.00**

Uncommitted Account Balance: **0**

Account Number: **23-6500-0816-8207**

Procurement Agreements

Not Applicable	**Not Applicable**

Grant-Funded Agreements

Not Applicable Grant Name:

Department	Signature	Date
1) Originating	Kathy Mark	7/1/13
2) Legal	Nancy C Cates	7/2/13
3) Finance		7/2/13
4) Originating		
5) Copy Distribution		
a. Mayor's office (1 copies)		
b. Clerk-Treasurer (Original & 2 copies)		

RESOLUTION NO. 13-_____

BE IT RESOLVED by the City Council of the City of Huntsville, Alabama, that the Mayor be, and is hereby authorized, to enter into an agreement with G.W. Jones & Sons Consulting Engineers, Inc. in the total amount of NINETEEN THOUSAND SIX HUNDRED FIFTY AND NO/100 DOLLARS ($19,650.00) for Land Surveying Services for Big Spring Park Topographic Survey (East and West), Project No. 65-13-DR04, in Huntsville, Alabama, on behalf of the City of Huntsville, a municipal corporation in the State of Alabama, which said agreement is substantially in words and figures similar to that document attached hereto and identified as "Agreement between City of Huntsville and G.W. Jones & Sons Consulting Engineers, Inc. for Land Surveying Services for Big Spring Park Topographic Survey (East & West), Project No. 65-13-DR04" consisting of a total of sixteen (16) pages plus twenty-four (24) additional pages consisting of Attachments 1-15, and the date of July 11, 2013, appearing on the margin of the first page, together with the signature of the President or President Pro Tem of the City Council, and an executed copy of said document being permanently kept on file in the Office of the City Clerk of the City of Huntsville, Alabama.

ADOPTED this the 11th day of July, 2013.

_____
President of the City Council of the City of Huntsville, Alabama

APPROVED this the 11th day of July, 2013.

_____
Mayor of the City of Huntsville, Alabama

AGREEMENT BETWEEN

CITY OF HUNTSVILLE, ALABAMA

AND

G.W. JONES & SONS CONSULTING ENGINEERS, INC.

FOR

LAND SURVEYING SERVICES

FOR

BIG SPRING PARK TOPOGRAPHIC SURVEY (EAST & WEST)

Project No. 65-13-DR04

July 11, 2013

President of the City Council of the City of Huntsville, AL
Date: July 11, 2013

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AGREEMENT BETWEEN
CITY OF HUNTSVILLE, ALABAMA
AND
G.W. JONES & SONS CONSULTING ENGINEERS, INC.
FOR
LAND SURVEYING SERVICES
FOR
BIG SPRING PARK TOPOGRAPHIC SURVEY (EAST & WEST)

THIS AGREEMENT made as of the 11th day of July in the year 2013, by and between the CITY OF HUNTSVILLE, ALABAMA (hereinafter called OWNER), and G.W. Jones & Sons Consulting Engineers, Inc., (hereinafter called SURVEYOR).

WITNESSETH, for the considerations hereinafter set forth, the parties hereto agree as follows:

ARTICLE 1 - ENGAGEMENT OF THE SURVEYOR

The OWNER hereby engages the SURVEYOR, and the SURVEYOR hereby accepts the engagement to provide general land surveying and consultation as a representative of the OWNER to include the following:

1.1 Professional Land Surveying services for Big Spring Park Topographic Survey (East & West).

1.2 By executing this Agreement, the SURVEYOR represents to the OWNER that the SURVEYOR is a professional qualified to act as the SURVEYOR for the PROJECT and is licensed and certified to practice engineering by all public entities having jurisdiction over the SURVEYOR and the PROJECT. The SURVEYOR further represents to the OWNER that the SURVEYOR will maintain all necessary licenses, certifications, permits or other authorizations necessary to act as SURVEYOR for the PROJECT until the SURVEYOR's remaining duties hereunder have been satisfied. The SURVEYOR shall assign only qualified personnel to perform any service concerning the PROJECT. All services rendered by the SURVEYOR for the PROJECT shall be performed by or under the immediate supervision of experienced and qualified professionals licensed, certified, and registered as appropriate in the State of Alabama possessing the expertise in the discipline of the service being rendered. The SURVEYOR assumes full responsibility to the OWNER for the negligent acts, errors and omissions of its consultants or others employed or retained by the SURVEYOR in connection with the PROJECT.

1.3 Execution of this Agreement by the SURVEYOR constitutes a representation that the SURVEYOR has become familiar with the PROJECT site and the local conditions under which the PROJECT is to be implemented. The SURVEYOR agrees to provide all necessary land surveying services required to professionally accomplish the SURVEYOR's defined scope of services.

ARTICLE 2 - DESIGN SERVICES OF THE SURVEYOR

2.1 SURVEYOR shall provide for OWNER professional land surveying services for Big Spring Park Topographic Survey (East & West).

2.2 These services shall include consultation and advice for surveying services as outlined herein and further described in the SCOPE OF SERVICES, ATTACHMENT 1.

2.3 Upon the OWNERS authorization, the SURVEYOR shall prepare documents consisting of specifications setting forth in detail the requirements for completion of the PROJECT. The SURVEYOR warrants that such documents are accurate, coordinated, and adequate, and in conformity and comply with applicable laws, codes and regulations. Products specified for use shall be readily available unless written authorization to the contrary is given by the OWNER.

2.4 The SURVEYOR shall serve as the OWNER's professional representative in those portions of the PROJECT to which this Agreement applies and shall consult with and advise the OWNER during the performance of these services.

2.5 The SURVEYOR shall obtain all Planning Commission approvals as required.

2.6 The SURVEYOR shall promptly correct, or have corrected, any errors, omissions, deficiencies or conflicts in the SURVEYOR's work product or that of his sub-contractors/sub-consultants, without additional compensation for time, reproduction or distribution.

2.7 Field surveying work is required and shall be performed in accordance with "Standards of Practice Surveying in the State of Alabama" as required by the Alabama Board of Registration for Engineering and Land Surveyors. Surveying shall include P.K. Nails or other permanent stationing markings as well as staking of right-of-way, easements and parcels of land acquired by the City of Huntsville. Property corners shall be set at the new right-of-way. Easements shall be staked as requested by the City of Huntsville. The above field work shall be performed as a minimum as needed at the time of right-of-way acquisition and one additional time near the 100% submittal stage as determined by the OWNER. The cost for these services is included in the fees for Basic Services.

Survey data shall be based on a US Public Land Survey System corner or quarter corner. Said corner or quarter corner shall be field verified by the surveyor and a state plane coordinate provided in deliverables submitted to the City of Huntsville. All survey work shall be based on the following datum's:

Coordinate System:	US State Plane
Zone:	Alabama East 0101
Vertical Datum:	The North American Vertical Datum of 1988 (NAVD 88)
Horizontal Datum:	The North American Datum of 1983 (NAD 83)
Geoid Model:	Geoid03
Units:	US Survey Feet

2.8 The SURVEYOR shall comply with the City of Huntsville Tree Ordinance and carry the requirements referenced therein with deliverables (drawings, specifications, etc.) in accordance with Section 27-57 of the City of Huntsville Code of Ordinances (Ord. No. 04-45, §13, 2-12-2004).

2.9 A valid City of Huntsville license shall be maintained throughout the term of this contract. Additionally, the engineering firm shall be required to obtain and pay for all other federal, state or local permits, licenses, and fees which may be necessary or required in order to perform the work detailed herein.

ARTICLE 3 – CONSTRUCTION ADMINISTRATION SERVICES

ARTICLE OMITTED

ARTICLE 4 - ADDITIONAL SERVICES

The following services of the SURVEYOR are not included in Article 2. Nevertheless, the SURVEYOR shall provide such services if authorized in writing by the OWNER, and they shall be paid for by the OWNER as provided in Article 7, unless otherwise noted.

4.1 Making revision in drawings, specifications or other documents when such revisions are inconsistent with written direction by the OWNER previously given, are required by the enactment of revision of codes, laws or regulations subsequent to the preparation of such documents and not reasonably anticipated, or are due to other causes not within the control or responsibility of the SURVEYOR, either in whole or in part.

4.2 Preparing drawings, specifications and supporting data in connection with change orders, provided that such change orders are issued by the OWNER due to causes not within the control or responsibility of the SURVEYOR, either in whole or in part.

4.3 Providing expert witness services and other services arising out of claims.

ARTICLE 5 - RESPONSIBILITIES OF OWNER

The OWNER, without cost to the SURVEYOR, will perform the following in a timely manner so as not to delay the services of the SURVEYOR:

5.1 Assist SURVEYOR by placing at SURVEYOR's disposal all available information pertinent to the PROJECT including previous reports and any other data relative to design or construction of the PROJECT.

5.2 Provide all criteria and full information as to OWNER's requirements for the PROJECT, including design objectives and constraints, space, capacity and performance requirements, flexibility and expendability, and any budgetary limitations. The OWNER shall also furnish copies of all design and construction standards, which OWNER will require to be included in the drawings and specifications.

5.3 Assist the SURVEYOR as necessary in acquiring access to and making all provisions for the SURVEYOR to enter upon public and private lands as required for the SURVEYOR to perform the work under this agreement.

5.4 Designate in writing a person to act as the OWNER's representative with respect to the work to be performed under this Agreement, such person to have complete authority to transmit instructions, receive information, interpret and define the OWNER's policies and decision with respect to materials, equipment elements and systems pertinent to the work covered by this Agreement. Examine all studies, reports, sketches, drawings, specifications, proposals and other documents presented by SURVEYOR, obtain advice of an attorney, insurance counselor and other consultants as OWNER determines appropriate for such examination and render in writing decisions pertaining thereto within a reasonable time so as not to delay the services of SURVEYOR.

5.5 When requested by the SURVEYOR, the OWNER will intercede on the SURVEYOR's behalf when data from, or review by, third parties is not on schedule through no fault of the SURVEYOR.

5.6 The OWNER's review of any documents prepared by the SURVEYOR or its consultants shall be solely for the purpose of determining whether such documents are generally consistent with the OWNER's intent. No review of such documents shall relieve the SURVEYOR of its responsibility for the accuracy, adequacy, fitness, suitability and coordination of its work product.

ARTICLE 6 - PERIOD OF SERVICES

6.1 The SURVEYOR shall commence services pursuant to this agreement as of July 12, 2013. The final completion date for the completion of design services outlined in Article 2 shall be August 26, 2013.

The SURVEYOR shall perform these services with reasonable diligence and expediency consistent with sound professional practices. The SURVEYOR shall include in his schedule an allowance for time required for OWNER's review of submissions and for approvals of authorities having jurisdiction over the PROJECT. When approved by the OWNER, the schedule shall not be exceeded by the SURVEYOR, except for cause.

If the SURVEYOR becomes aware of delays due to time allowances for review and approval being exceeded, delay by the OWNER, the OWNER's consultants, or any other reason beyond the SURVEYOR's control, which may result in the schedule of performance of the SURVEYOR's services not being met, the SURVEYOR shall promptly notify the OWNER. If the OWNER becomes aware of any delays or other causes that will affect the SURVEYOR's schedule, the OWNER shall promptly notify the SURVEYOR. In either event, the SURVEYOR's schedule for performance of its services shall be equitably adjusted.

ARTICLE 7 - PAYMENT TO THE SURVEYOR

7.1 BASIC SERVICES

The OWNER shall compensate the SURVEYOR for services rendered pursuant to this Agreement, excepting those services described as Additional Services in Article 4 of this Agreement, by the Lump Sum Amount of NINEETEEN THOUSAND SIX HUNDRED FIFTY AND NO/100 DOLLARS ($19,650.00) for land surveying services described in Article 2. Additional services of the SURVEYOR as described in Article 4, if any, shall be compensated on an hourly basis in accordance with Attachment 5.

7.2 EFFECTIVE DATE

This contract shall have no force or effect unless and until it is executed by the OWNER and the ENGINEER and a properly executed copy is mailed to the ENGINEER with a notice to proceed (NTP). If a NTP is not issued within sixty (60) days commencing from the last date of execution of this CONTRACT by the OWNER and the ENGINEER, then this CONTRACT shall be NULL AND VOID, the OWNER will not be obligated to any payment to the ENGINEER and the ENGINEER will not be obligated to perform any work under said CONTRACT.

PAYMENT SUMMARY

Land Surveying Services – Lump Sum Amount of	$19,650.00
TOTAL CONTRACT AMOUNT:	**$19,650.00**

ARTICLE 8 - GENERAL PAYMENT PROCEDURE

8.1 INVOICES

8.1.1 The SURVEYOR shall submit monthly invoices to The Administrative Officer in the Engineering Department for the basic services described under Article 2 for the design of the PROJECT. Invoices must include the City of Huntsville project name and number, dates of services, contract amount, previous billings and current billing. Along with each invoice, the SURVEYOR must submit a consultant progress report in the format shown in Attachment 6 hereto. No payment will be made without the consultant progress report completed and attached. If services under Article 4 are included in the invoice for additional services not included under the lump sum provisions, or services billed as time

and material, the classification and hours of such persons rendering the services shall be attached to the invoice.

8.1.2 The signature of the SURVEYOR on the invoice shall constitute the SURVEYOR's representation to the OWNER that the services indicated in the invoice have progressed to the level indicated, have been properly and timely performed as required herein, that the reimbursable expenses included in the invoice have been reasonably incurred, that all obligations of the SURVEYOR covered by prior invoices have been paid in full, and that, to the best of the SURVEYOR's knowledge, information and informed belief, the amount requested is currently due and owing, there being no reason known to the SURVEYOR the payment of any portion thereof should be withheld. Submission of the SURVEYOR's invoice for final payment and reimbursement shall further constitute the SURVEYOR's representation to the OWNER that, upon receipt from the OWNER of the amount invoiced, all obligations of the SURVEYOR to others, including its consultants, incurred in connection with the PROJECT, have beenpaid in full. ENGINEER must designate on Attachment 6 – Progress Report in the appropriate space provided that such action has been completed.

8.2 TIME FOR PAYMENT

The OWNER shall make payment for services in Articles 2 and 4 within 60 days of receipt of valid invoice.

8.3 OWNER'S RIGHT TO WITHHOLD PAYMENT

In the event the OWNER becomes credibly informed that any representations of the SURVEYOR, provided pursuant to Article 8.1.2, are wholly or partially inaccurate, the OWNER may withhold payment of sums then or in the future otherwise due to the SURVEYOR until the inaccuracy, and the cause thereof, is corrected to the OWNER's reasonable satisfaction. Additionally, failure by the SURVEYOR to supply substantiating records shall be reason to exclude related costs from the amounts which might otherwise be payable by the OWNER to the SURVEYOR.

8.4 REIMBURSABLE EXPENSES

8.4.1 In addition to the requirements set forth in 8.1 above, invoices for reimbursable expenses shall include such documentation as the OWNER may require. Reasonable expenses are limited to the following expenses:

(a) Transportation outside the immediate Huntsville area (50 mile radius) approved in advance by the OWNER in writing and incurred in connection with the PROJECT. (Per Department of Treasury, Internal Revenue Service Publication 1542, Per Diem Rates, for travel within the continental United States). Refer to website: www.irs.gov/pub/irs-pdf/p1542.pdf for more information;
(b) Charges for long-distance communications;
(c) Fees paid for securing approval of authorities having jurisdiction over the PROJECT,
(d) Actual costs of reproduction for items in excess of those included in the required services;
(e) Postage and handling charges incurred for drawings, specifications and other documents.

8.4.2 The SURVEYOR shall set forth with particularity on its invoice the nature and cost of the expense item being billed, and attach to its invoice the written authorization, if any, required for such item; and shall bill expenses at actual cost or prevailing rate and without the addition of administrative charge, any multiple or surcharge.

8.5 W-9 TAXPAYER FORM

All SURVEYORING FIRMS are required to submit a Federal Tax Form W-9 to City of Huntsville at the time a contract is awarded. No payments of invoices can be made until this W-9 Tax Form has been properly submitted. A copy of the W-9 Tax Form can be requested from the OWNER or at the following website: www.irs.ustreas.gov/pub/irs-pdf/fw9.pdf

ARTICLE 9 - GENERAL CONSIDERATIONS

9.1 GENERAL

OWNER and SURVEYOR agree that the following sections and provisions shall apply to the work to be performed under this Agreement and that such provisions shall supersede any conflicting provisions of this Agreement.

9.2 PEER REVIEW

The OWNER reserves the right to conduct, at the OWNER"s expense,, peer review of designs and drawings prepared by the ENGINEER and/or sub-consultant(s) for the PROJECT. The ENGINEER and sub-consultant(s) agree that knowledge and consent to review of their work by other engineers of the OWNER's choosing is hereby given in accordance with the ADMINISTRATIVE CODE (RULES AND REGULATIONS) of the Alabama State Board of Licensure for Professional Engineers and Land Surveyors, Chapter 330-X-14-.06(a) (13) effective January 2008 and as may be amended now or in the future pertaining to the Code of Ethics for review of the work of another engineer.

9.3 CLARIFICATION OF WORK

If reviewing agencies raise questions regarding the work of SURVEYOR, OWNER will participate in such meetings as deemed necessary to explain and clarify this work.

9.4 CANCELLATION OF AGREEMENT

This Agreement may be canceled by either party in the event of default or violation of any of the provisions of this Agreement by the other party, by written notice delivered to the address of record by registered mail giving ten (10) days advance notice of the intention to cancel. In the event of cancellation of this Agreement, SURVEYOR shall be paid for all work performed to date of cancellation, less any loss, damage, or liability incurred by reason of default of SURVEYOR and all records, data, parameters, design calculations and other information collected or obtained in the performance of this Agreement shall be delivered to OWNER.

9.5 SUCCESSORS AND ASSIGNS

OWNER and SURVEYOR each binds himself and his partners, successors, executors, administrators and assigns to the other party of this Agreement and to the partners, successors, executors, administrators and assigns of such other party, with respect of all covenants of this Agreement; except as above, neither OWNER nor SURVEYOR shall assign, sublet or transfer his interest in this Agreement without written consent of the other. Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of any public body that may be party hereof, nor shall it be construed as giving any rights or benefits hereunder to anyone other than OWNER and SURVEYOR.

9.6 CHANGES

9.6.1 The OWNER may, at any time by written order, make changes within the general scope of the Agreement in the services to be provided. If such changes cause an increase or decrease in SURVEYOR's cost of, or time required for performance of any services, whether or not changed by any order, an equitable adjustment shall be made and the Agreement shall be modified in writing accordingly. Upon notification of change, SURVEYOR must assert any claim of SURVEYOR for adjustment in writing within 30 days from the date of receipt unless OWNER grants a further period of time.

9.6.2 If findings in any phase of this PROJECT significantly alter the scope of work for subsequent phases, or if regulations are changed resulting in a scope of work change for any phase, engineering fees set forth in Article 7 may be renegotiated by the OWNER and SURVEYOR.

9.7 SURVEYOR'S RECORDS

Documentation accurately reflecting services performed and the time expended by the SURVEYOR and his personnel and records of reimbursable expenses shall be prepared concurrently with the performance of the services and shall be maintained by the SURVEYOR. The SURVEYOR shall maintain record copies of all written communications, and any memoranda of verbal communications related to the PROJECT. All such records and documentation shall be maintained for a minimum of five (5) years after the PROJECT date of final completion or for any longer period of time as may be required by law or good practice. If the SURVEYOR receives notification of a dispute or of pending or commencement of litigation during this five-year period, the SURVEYOR shall continue to maintain all PROJECT records until final resolution of the dispute or litigation. The SURVEYOR shall make such records and documentation available to the OWNER upon notice and shall allow the authorized representative(s) of the OWNER to inspect, examine, review and copy the SURVEYOR's records at the OWNER's reasonable expense.

9.8 SEAL ON DOCUMENTS

9.8.1 Final plans and drawings shall be marked "ISSUED FOR CONSTRUCTION". When a firm, partnership, or corporation performs the work, each drawing shall be sealed and signed by the licensed engineer or engineers who were in responsible charge of the work.

9.8.2 When plans and drawings issued for construction were not performed by a firm, partnership, or corporation, the first sheet or title page shall be sealed, dated, and signed by the engineer who was in responsible charge. Two or more licensed professional engineers may affix their signatures and seals provided it is designated by a note under the seal the specific subject matter for which each is responsible. In addition, each drawing shall be sealed and signed by the licensee or licensees responsible for each sheet.

9.8.3 When plans or drawings are a site adaptation of a standard design or plan or make use of a standard drawing of others, the ENGINEER shall take measures to assure that the site adaptation, standard drawing, or plan is appropriate and suitable for the use proposed by the ENGINEER including meeting the specific site conditions, functionality, design criteria, safety considerations, etc. After taking such measures, the ENGINEER shall seal the standard drawing or plan as shown above in sections 9.8.1 and 9.8.2. The ENGINEER shall not utilize standards of others without their written consent where written consent is required or implied.

9.8.4 Each sheet of documents, specifications, and reports for engineering practice and of maps, plats, charts, and reports for land surveying practice, shall be signed, sealed, and dated by the licensed engineer or land surveyor who prepared the documents or under whose responsible charge the documents were prepared. Where more than one sheet is bound together in one volume, including but not limited to reports and specifications, the licensee who prepared the volume, or under whose responsible charge the volume was prepared, may sign, seal, and date only the title or index sheet, provided that this sheet clearly identifies all of the other sheets comprising the bound volume, and provided that any of the other sheets which were prepared by, or under the responsible charge of, another licensee, be signed, sealed, and dated by the other licensee.

9.9 USE AND OWNERSHIP OF DOCUMENTS

All rights of ownership, copyrights, construction documents, including all drawings, specifications and other documents, electronic media, computer source code, or things prepared by or on behalf of the SURVEYOR for the PROJECT are hereby transferred to the OWNER and shall be the sole property of the OWNER and are free of any retention rights of the SURVEYOR. The SURVEYOR hereby grants to the OWNER an unconditional right to use or to refer to, for any purpose whatsoever, the construction documents and any other documents or electronic media, computer source code prepared by or on behalf of the SURVEYOR for the PROJECT, free of any copyright claims, trade secrets or other proprietary rights with respect to such documents. The

SURVEYOR shall be permitted to retain copies thereof for its records. The SURVEYOR's documents and other work products are not intended or represented to be suitable for re-use by OWNER or others on extensions of the PROJECT or on any other PROJECT. Any re-use without specific written verification or adaptation by SURVEYOR will be at OWNER's sole risk and without liability or legal exposure to SURVEYOR, and OWNER shall indemnify and hold harmless SURVEYOR from all claims, damages, losses and expenses including attorneys' fees arising out of, or resulting from, such reuse by the OWNER; provided however, that this agreement to indemnify and save harmless shall not apply to any reuse of documents retained by, or through, the contractor.

9.10 ESTIMATE OF CONSTRUCTION COST

Since SURVEYOR has no control over the construction cost of labor, materials, or equipment, or over the construction contractor(s) methods of determining prices, or over competitive bidding or market conditions, his opinion of probable PROJECT cost or construction cost provided for herein are to be made on the basis of his experience and qualifications and represent his best judgment as a design professional familiar with the construction industry; but, SURVEYOR cannot and does not guarantee that proposals, bids or construction costs will not vary from opinions of probable cost prepared by him. If OWNER wishes greater assurance as to the construction cost, he will employ an independent cost estimator.

9.11 TERMINATION FOR CAUSE

This Agreement may be terminated by either party upon seven (7) days written notice to the other should such other party fail substantially to perform in accordance with its material terms through no fault of the party initiating the termination.

9.12 TERMINATION BY THE OWNER WITHOUT CAUSE

The OWNER may terminate this Agreement without cause upon seven (7) days' written notice to the SURVEYOR. In the event of such a termination without cause, the SURVEYOR shall be compensated for all services performed prior to termination, together with Reimbursable Expenses incurred. In such event, the SURVEYOR shall promptly submit to the OWNER its invoice for final payment and reimbursement which invoice shall comply with the provisions of Paragraph.

ARTICLE 10 - INDEMNITY AND INSURANCE

10.1 INSURANCE

The ENGINEER shall carry insurance of the following kinds and amounts in addition to any other forms of insurance or bonds required under the terms of the contract specifications. The ENGINEER shall procure and maintain for the duration of the job until final acceptance by the OWNER, or as later indicated, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the ENGINEER, his agents, representatives, employees or subcontractor.

10.2 MINIMUM SCOPE OF INSURANCE:

A. General Liability:

Insurance shall be written on an occurrence basis. Claims-made coverage will be accepted only on an exception basis after the OWNER's approval. The same insurance company should write General Liability Coverage and OWNERs ENGINEERs Protective Insurance.

B. Commercial General Liability

Products and Completed Operations
Contractual
Personal Injury

Explosion, Collapse and Underground
Broad Form Property Damage

C. Professional Liability:

Insurance may be written on a "claims-made" basis, providing coverage for negligent acts, errors or omissions in the performance of professional services. Coverage shall be maintained for a discovery and reporting period of no less than five (5) years after completion of the professional services and Certificates of Insurance shall be submitted to the OWNER on a yearly basis during this time frame. Coverage shall be no less comprehensive than that which is carried by at least 25% of the registered engineers or engineering firms contracting in the State of Alabama. Such coverage shall be carried on a continuous basis including prior acts coverage to cover the subject PROJECT. The professional liability insurance shall contain contractual liability coverage.

D. Automobile Liability:

Business Automobile Liability providing coverage for all owned, hired and non-owned autos. Coverage for loading and unloading shall be provided under either automobile liability or general liability policy forms.

E. Workers' Compensation Insurance:

Statutory protection against bodily injury, sickness or disease or death sustained by employee in the scope of employment. Protection shall be provided by a commercial insurance company or a recognized self-insurance fund authorized before the State of Alabama Industrial Board of Relations. "Waivers of Subrogation" in favor of the OWNER shall be endorsed to Workers' Compensation Insurance.

F. Employers Liability Insurance:

Covering common law claims of injured employees made in lieu of or in addition to a worker's compensation claim.

10.3 MINIMUM LIMITS OF INSURANCE:

A. General Liability:

Commercial General Liability on an "occurrence form" for bodily injury and property damage:

$ 2,000,000 General Aggregate Limit
$ 2,000,000 Products - Completed Operations Aggregate
$ 1,000,000 Personal & Advertising Injury
$ 1,000,000 Each Occurrence

B. Professional Liability:

Insurance may be made on a "claims-made" basis:

$ 500,000 Per Claim - Land Surveyors
$ 1,000,000 Per Claim - Other Professionals

C. Automobile Liability:

$ 1,000,000 Combined Single Limit per accident for bodily injury and property damage.

D. Workers' Compensation:

As required by the State of Alabama Statute

E. Employers Liability:

$ 1,000,000 Bodily Injury by Accident or Disease
$ 1,000,000 Policy Limit by Disease

10.4 OTHER INSURANCE PROVISIONS:

The OWNER is hereby authorized to adjust the requirements set forth in this document in the event it is determined that such adjustment is in the OWNER's best interest. If the insurance requirements are not adjusted by the OWNER prior to the OWNER's release of specifications with regard to the PROJECT in question, then the minimum limits shall apply. The City of Huntsville/OWNER shall be named on the policies of general liability and automobile insurance and on the certificate of insurance as an Additional Insured. Additional Insured status on the Commercial General Liability policy shall be through ISO Additional Endorsement CG 20 10 11 85 or equivalent and coverage shall be afforded on a primary basis.

The policies are to contain, or be endorsed to contain, the following provisions:

A. All Coverage:

The ENGINEER is responsible to pay all deductibles. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be suspended, voided, canceled, non-renewal or materially changed by either party, reduced in coverage or in limits except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to the OWNER. Cancellation of coverage for non-payment of premium will require ten (10) days written notice to the OWNER.

10.5 ACCEPTABILITY OF INSURERS:

Insurance is to be placed with insurers authorized by the State of Alabama with an A. M. Best rating of A-V or better.

10.6 VERIFICATION OF COVERAGE:

The OWNER shall be indicated as a Certificate Holder and the ENGINEER shall furnish the OWNER with Certificates of Insurance reflecting the coverage required by this document. The A. M. Best rating and deductibles, if applicable, shall be indicated on the Certificate of Insurance for each insurance policy. The certificates for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf and must be an original signature. Certificates signed using digital signatures will not be accepted. Certificates signed using digital signatures will not be accepted unless accompanied by a written statement from the insurance/surety company indicating that their electronic signature is intended as their signature. All certificates are to be received and approved by the OWNER before work commences. The OWNER reserves the right to require complete, certified copies of all required insurance policies at any time.

10.7 CONSULTANTS AND/OR SUBCONTRACTORS WORKING FOR THE ENGINEER:

The ENGINEER shall furnish separate certificates and/or endorsements for each subcontractor and/or consultant showing insurance of the same type or types and to the extent of the coverage set forth in this Article 10.

10.8 HOLD HARMLESS AGREEMENT:

A. Other Than Professional Liability Exposures:

The ENGINEER, to the fullest extent permitted by law, shall indemnify and hold harmless the OWNER, its elected and appointed officials, employees, agents, and representatives against all claims, damages, losses and expenses, including, but not limited to, attorney's fees, arising out of or resulting from the performance of the work, provided that any such claim, damage, loss or expense (1) is attributable to personal injury, including bodily injury sickness, disease or death, or to injury to or destruction of tangible property,

including loss of use resulting there from, and (2) is caused by any negligent act or omission of the ENGINEER or any of their consultants, or anyone directly or indirectly employed by them or anyone for whose acts they are legally liable. Such obligation should not be construed to negate, abridge, or otherwise reduce any other right or obligation of indemnity, which would otherwise exist as to any party or person, described in this paragraph.

B. Professional Liability:

The ENGINEER agrees, to the fullest extent permitted by law, to defend, protect, indemnify and hold harmless the OWNER, its elected and appointed officials, officers, directors, employees, agents, and representatives from and against any and all liability, claims, demands, damages, loss, costs, fees, and expenses (including actual fees and expenses of attorneys, expert witnesses, and other consultants) actually or allegedly arising out of, or resulting from, the professional services of the ENGINEER or the ENGINEER's consultants, subcontractors, or suppliers, including, without limitation, any breach of contract or any negligent acts, errors, or omissions in the performance of the professional services provided pursuant to or as a result of this Agreement. Neither, the OWNER nor the ENGINEER shall be obligated to indemnify the other party in any manner whatsoever for the other parties own negligence.

To the fullest extent permitted by law, the ENGINEER shall defend, protect, indemnify, and hold harmless the OWNER, its elected and appointed officials, officers, directors, employees, agents, and representatives from and against any and all liability, claims, demands, damages, loss, costs, fees and expenses (including actual fees and expenses of attorneys, expert witnesses, and other consultants) for infringement of patent rights, copyrights, or other intellectual property rights, except with respect to designs, processes or products of a particular manufacturer expressly required by the OWNER in writing. If the ENGINEER has reason to believe the use of a required design, process or product is an infringement of a patent, the ENGINEER shall be responsible for such loss unless such information is promptly given to the OWNER.

ARTICLE 11- MISCELLANEOUS PROVISIONS

11.1 GOVERNING LAW

This Agreement shall be governed by the law of the State of Alabama.

11.2 INTENT AND INTERPRETATION

11.2.1 The intent of this contract is to require complete, correct and timely execution of the work. Any work that may be required, implied or inferred by the contract documents, or any one or more of them, as necessary to produce the intended result shall be provided by the SURVEYOR.

11.2.2 This contract is intended to be an integral whole and shall be interpreted as internally consistent. What is required by any one contract document shall be considered as required by the contract.

11.2.3 When a word, term or phrase is used in this contract, it shall be interpreted or construed, first, as defined herein; second, if not defined, according to its generally accepted meaning in the engineering industry; and third, if there is no generally accepted meaning in the engineering industry, according to its common and customary usage.

11.2.4 The words "include", "includes", or "including", as used in this contract, shall be deemed to be followed by the phrase, "without limitation".

11.2.5 The specification herein of any act, failure, refusal, omission, event, occurrence or condition as constituting a material breach of this contract shall not imply that any other, non-specified act, failure, refusal, omission, event, occurrence or condition shall be deemed not to constitute a material breach of this contract.

11.2.6 Words or terms used as nouns in this contract shall be inclusive of their singular and plural forms, unless the context of their usage clearly requires a contrary meaning.

11.3 TIME IS OF THE ESSENCE

Time limitations contained herein, or provided for hereby, are of the essence of this Agreement. The SURVEYOR understands and acknowledges that time is of the essence in completion of the PROJECT and that the OWNER will incur damages if the PROJECT is not completed on time.

11.4 SUCCESSORS AND ASSIGNS

The SURVEYOR shall not assign its rights hereunder, excepting its right to payment, nor shall it delegate any of its duties hereunder without the written consent of the OWNER. Subject to the provisions of the immediately preceding sentence, the OWNER and the SURVEYOR, respectively, bind themselves, their successors, assigns and legal representatives to the other party to this Agreement and to the successors, assigns and legal representatives of such other party with respect to all covenants of this Agreement.

11.5 NO THIRD-PARTY BENEFICIARIES

This Agreement shall inure solely to the benefit of the parties hereto and their successors and assigns. Nothing contained herein is intended to or shall create a contractual relationship with, or any rights in favor of, or any cause of action in favor or, any third party, against the OWNER or the SURVEYOR.

11.6 INTELLECTUAL PROPERTY/ CONFIDENTIALITY

All information, documents, and electronic media, computer source code furnished by the OWNER to the SURVEYOR belong to the OWNER, are considered proprietary and confidential, unless otherwise indicated by the OWNER, and are furnished solely for use on the OWNER's PROJECT. Such information, documents, and electronic media, computer source code shall be kept confidential by the SURVEYOR, shall only be released as necessary to meet official regulatory requirements in connection with the PROJECT, and shall not be used by the SURVEYOR on any other PROJECT or in connection with any other person or entity, unless disclosure or use thereof in connection with any matter other than services rendered to the OWNER hereunder is specifically authorized in writing by the OWNER in advance. This Section 11.6 shall survive the expiration of this Agreement.

11.7 SUBCONTRACT REQUIREMENTS

The SURVEYOR shall include the terms and conditions of this Agreement in every subcontract or agreement with a consultant for this PROJECT so that these terms and conditions shall be binding upon each subcontractor or consultant. The subcontractor(s)/consultant(s) will maintain all licenses and certifications to practice its profession or trade by all public entities having jurisdiction over the PROJECT. The subcontractor (s)/consultant(s) further represent to the OWNER that the subcontractor(s)/consultant(s) will maintain all necessary licenses, certifications, permits or other authorizations necessary for the PROJECT until the remaining duties hereunder have been satisfied.

11.8 NOTICES

Unless otherwise provided, all notices shall be in writing and considered duly given if the original is hand delivered; if delivered by facsimile to 256-427-5325, or is sent by U.S. Mail, postage prepaid to City of Huntsville Engineering, P. O. Box 308 (35804), 320 Fountain Circle (35801), Huntsville, AL. All notices shall be given to the addresses set forth above. Notices, hand delivered or delivered by facsimile, shall be deemed given the next business day following the date of delivery. Notices given by U.S. Mail shall be deemed given as of the second business day following the date of posting.

11.9 STRICT COMPLIANCE

No failure of the OWNER to insist upon strict compliance by the SURVEYOR with any provision of this Contract for Professional Services shall operate to release, waive, discharge, modify, change or affect any of the SURVEYOR's obligations.

11.10 WAIVER

No provision of this Agreement may be waived except by written agreement of the parties. A waiver of any provision on one occasion shall not be deemed a waiver of that provision on any subsequent occasion, unless specifically stated in writing. A waiver of any provision shall not affect or alter the remaining provisions of this Agreement.

11.11 SEVERABILITY

If any provision of this Agreement, or the application thereof, is determined to be invalid or unenforceable, the remainder of that provision and all other provisions of this Agreement shall remain valid and enforceable.

11.12 ETHICS

The SURVEYOR shall not offer or accept any bribes or kickbacks from or to any manufacturer, consultant, trade contractor, subcontractor, supplier or any other individual or entity in connection with the PROJECT. The SURVEYOR shall not confer on any governmental, public or quasi-public official having any authority or influence over the PROJECT any payment, loan, subscription, advance, deposit of money, services or anything of more than nominal value, present or promised. The SURVEYOR shall not, without the express written permission of the OWNER, engage or recommend to the OWNER engagement of any consultant, trade contractor, subcontractor, or supplier to provide services on behalf of the SURVEYOR, OWNER or PROJECT in which the SURVEYOR has a direct or indirect proprietary or other pecuniary interest; or call for the use of or by exclusion require or recommend the use of products, materials, equipment, systems, processes or procedures in which the SURVEYOR or in which any consultant, trade contractor, subcontractor, or supplier of the SURVEYOR has a direct or indirect proprietary or other pecuniary interest. Without prior notification and written approval of the OWNER, the SURVEYOR and the SURVEYOR'S subconsultants shall not offer services to the OWNER'S contractor.

11.13 E-VERIFY - NOTICE

The ENGINEER shall enroll, and shall remain enrolled for the duration of this contract, in a designated employment eligibility verification system (E-Verify) in accordance with the City of Huntsville Ordinance 09-735. If the ENGINEER uses subcontractors in connection with the performance of work herein and the value of the subcontract exceeds $3,000, the subcontractor shall also comply with this ordinance. The ENGINEER shall include specific written notice in all requests for bids or proposals prepared by the ENGINEER that contractors and any subcontractors are required to enroll in the E-verify program as required by the ordinance. Failure to comply with the requirements of the ordinance shall be a material breach of the contract.

As a condition of this agreement, pursuant to 8 U.S.C.§1324a, G.W. Jones & Sons Consulting Engineers, Inc. hereby certifies that it has not knowingly employed, recruited, referred for a fee, or contracted with an unauthorized alien, with respect to employment in the United States. Further, G.W. Jones & Sons Consulting Engineers, Inc. hereby certifies that it has enrolled in the City of Huntsville designated employment eligibility verification system in accordance with Ordinance 09-735 and will maintain enrollment throughout the term of this contract.

G.W. Jones & Sons Consulting Engineers, Inc.
(Company)

BY: _____
(Authorized Representative)

11.14 ENTIRE AGREEMENT

This Agreement represents the entire agreement between the OWNER and the SURVEYOR and supersedes all prior communications, negotiations, representations or agreements, either written or oral. This agreement may be amended only by written instrument signed by both OWNER and SURVEYOR.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first above written.

OWNER:
CITY OF HUNTSVILLE

BY: _____
Tommy Battle

TITLE: Mayor

ATTEST: _____

Given under my hand this _____ day

Of _____, 2013.

_____
Notary Public

My commission expires _____

SURVEYOR:
G.W. JONES & SONS CONSULTING ENGINEERS, INC.

BY: Harry M. Wilson
Harry Wilson

TITLE: Principal

ATTEST: Courtney Ogle

Given under my hand this 2nd day

Of July, 2013.

Mary L Hollingsworth
Notary Public

My commission expires 3/28/15

ATTACHMENT 1
SCOPE OF SERVICES

(Refer to letter dated June 28, 2013, from Harry M. Wilson to Kathy Martin and attachments.)

GW JONES
& Sons Consulting Engineers
A Littlejohn Engineering Associates Company

June 28, 2013

Ms. Kathy Martin, P.E.
Director of Engineering
City of Huntsville
320 Fountain Circle
Huntsville, AL 35801

Re: Big Spring Park Topographic Survey (East & West)

Dear Ms. Martin,

GW Jones & Sons is pleased to submit this proposal to provide a topographic survey of the Big Spring Park. We have met with personnel in the city's Planning Department, Engineering Department and GIS Department. We are basing our proposal on the following criteria required as understood from those meetings.

- .5' contours
- Surface features (walks, walls, lights, benches, surface/overhead utilities, adjacent and included streets, curbs, gutters, drains, etc.)
- Canal/lake edges (perimeter, depth, normal pool/flood elev.)
- Trees, shrubs, other landscaping amenities, etc.
- Adjacent property lines and building edges (Art Museum, parking garage, VBC, Hampton Inn)
- Underground utilities (electrical, water, gas, fiber optics, irrigation, etc.) will be shown using existing City GIS, Huntsville Engineering and Huntsville Utilities available mapping as reference materials

Again, we thank you for the opportunity to make this proposal to the City of Huntsville. If we can answer any questions or provide any additional information, please do not hesitate to call.

Sincerely,

Harry M. Wilson, P.E.
Principal

Enclosures
Cc: File

401 FRANKLIN ST., SUITE B HUNTSVILLE, AL 35801
T 256.533.3311 F 256.535.9756

Nashville | Chattanooga | Decatur | Huntsville | Knoxville | Orlando | Phoenix | Tri-Cities

www.leainc.com

Engineering
Planning
Landscape Architecture
Land Surveying
Environmental Services
Health and Safety
Economic Development

6/28/2013 **City of Huntsville Engineering Division** 4:01 PM

Project No.	
Project Name	Big Spring Park Survey
Description	Topographic Survey
Scope of Work	Big Spring Park Topographic Survey
Project Length	
C.O.H. Project Engineer	
Engineering Consultant	GW Jones & Sons Consulting Engineers, Harry Wilson

GRAND TOTAL OF FEE PROPOSAL

	Labor Cost	Out-of-pocket Expenses	Fee
Corridor Study	$0.00	$0.00	$0.00
Field Surveys	$19,649.75	$0.00	$19,649.75
Preliminary Roadway Plans	$0.00	$0.00	$0.00
Preliminary Bridge Plans	$0.00	$0.00	$0.00
Right-of-Way Map, Tract Sketches and Deeds	$0.00	$0.00	$0.00
Roadway Plans	$0.00	$0.00	$0.00
Bridge Plans	$0.00	$0.00	$0.00
Drainage Plans	$0.00	$0.00	$0.00
Sanitary Sewer Plans	$0.00	$0.00	$0.00
Environmental	$0.00	$0.00	$0.00
SUB-TOTAL	$19,649.75	$0.00	$19,649.75
GRAND TOTAL FEE			**$19,650**

LABOR RATES	Effective Time Period	
Classification	**Hourly Rate**	**Assigned Personnel**
Principal	$180.00	Harry Wilson
Project Engineer	$0.00	
Environmental Scientist	$0.00	
Design Engineer	$90.00	Howard Anderson
Engineer Tech. / CADD	$80.00	Anthony Cain
Clerical	$50.00	Melodie Valentine
PLS	$120.00	Mark Yokley
Survey Crew	$115.00	Brian Williams

Signed _____ Date 6-28-13

Position/Title Principal

6/28/2013 **City of Huntsville Engineering Division** 3:50 PM

Project No.	
Project Name	Big Spring Park Survey
Description	Topographic Survey
Scope of Work	Big Spring Park Topographic Survey
Project Length	
C.O.H. Project Engineer	
Engineering Consultant	GW Jones & Sons Consulting Engineers, Harry Wilson

Fee Proposal (Field Survey)

PERSONNEL COST

	Man-days	Daily Rate @ 8hrs/day	
Principal	0.00	$ 1,440.00	$ -
PLS	1.50	$ 960.00	$ 1,440.00
Survey Crew	9.00	$ 920.00	$ 8,280.00
Engineer Tech. / CADD	6.50	$ 640.00	$ 4,160.00
Clerical		$ 400.00	$ -
		Sub-Total	**$ 13,880.00**

SUB-CONSULTANTS (attach man-day & fee FROM each sub-consultant; show total fee for each here)

Aerotec Lidar mapping	$ 5,495.00
	$ -
	$ -
	$ -
	$ -
	$ -
Subconsultant Administration Expense (5%)	$ 274.75
Sub-Total	**$ 5,769.75**
TOTAL LABOR	**$ 19,649.75**

6/28/2013

City of Huntsville Engineering Division

9:23 AM

Project No.	
Project Name	Big Spring Park Survey
Description	Topographic Survey
Scope of Work	Big Spring Park Topographic Survey
Project Length	
C.O.H. Project Engineer	
Engineering Consultant	GW Jones & Sons Consulting Engineers, Harry Wilson

FIELD SURVEY

Based on a 0 Man Crew

Task	PLS	Survey Crew	Engineer Tech. / CADD
	ESTIMATED MAN-DAYS		
Contact Property Owners	0.00	0.00	0.00
Perform Basic Control Survey	0.50	1.00	0.50
Obtain Topographic Data	0.00	6.00	0.00
Define Drainage Areas/Prepare Schematic Drainage Map	0.00	0.00	0.00
Identify/Locate Utilities	0.00	2.00	0.50
Tie to Required Property Corners	0.00	0.00	0.00
Obtain Copies of Latest Deeds	0.00	0.00	0.00
Set & Reference PIs, PCs, POTs, POCs, & other critical points	0.00	0.00	0.00
Prepare Detailed Topographical/Field Map	1.00	0.00	5.50
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
TOTALS	**1.50**	**9.00**	**6.50**

Aerotec

560 Mitchell Field Road
Bessemer, AL 35022
phone: (205) 428-6444
fax: (205) 428-2666

June 19, 2013

Mr. Anthony Cain
Survey Manager
Littlejohn Engineering Associates Company
401 Franklin Street, Suite B
Huntsville, AL 35801

Dear Anthony:

Thank you for allowing Aerotec to submit a price quote for your Big Springs Park (20 acres) mapping project in Huntsville, Alabama. I have included some optional items for your consideration. If any of the optional items are not desired for this project, simply strike through them and reduce the overall price quoted by the itemized price, respectively.

Item	Description	Units	Unit Price	Quantity	Price($)
1	Mobilization/De-mobilization				
	Helicopter/Flt Crew/Cameras/LIDAR	Flt Hrs	$950	2.5	$2,375
	Ground Support Team	Days	$450	1	$450
	Subtotal				$2,825
2	Color Aerial Photography (OPTION)				
	Aerial Digital Imagery (Data Capture)	Sq Miles	$480	0.33	$158
	Aerial Orthophotography (Data Processing)	Sq Miles	$340	0.33	$112
	Hardcopy Plot (Aerial Orthophotography) (OPTION)	Each	$45	1	$45
	Subtotal				$316
3	Airborne LIDAR (Laser-scan)				
	Airborne Data Capture (Laser-scan)	Sq Miles	$3,800	0.33	$1,254
	Filter & Formatting (Laser-scan Data)	Sq Miles	$1,100	0.33	$363
	LIDAR Vertical Accuracy Assessment (OPTION)	Each	$125	1	$125
	Closeup Oblique Aerial Photographs (OPTION)	Each	$25	6	$150
	Subtotal				$1,892

4	Preparation of Deliverables				
	Digital Terrain Model Construction	Sq Miles	$350	0.33	$116
	Contour Construction (contour interval = 0.5')	Sq Miles	$250	0.33	$83
	Topographic Feature Digitization (OPTION)	Sq Miles	$600	0.33	$198
	Planimetric/Contour Map Preparation (Drafting) (OPTION)	Sq Miles	$200	0.33	$66
	Subtotal				$462
				Project Total Price	$5,495

Notes:

1. Actual project area is approximately 20 acres
2. Project price is quoted on a minimum project size of 0.33 sq miles

Currently, we are working within the state of Alabama; and the mobilization/de-mobilization price quoted is from Birmingham, Alabama. Within the next two weeks, we will be working in west Texas; and the mobilization price would be determined based on our last job location from which we mobilize to perform your work. Please let me know as soon as practical whether or not you would wish to have us perform this work. We always attempt to minimize mobilization/de-mobilization charges.

Please direct your questions/comments to me at (205) 428-6444. Thank you for your time and consideration.

Sincerely,

James W. Dow

James W. Dow
Chief Executive Officer
Aerotec, LC

ATTACHMENT 2 - ALABAMA IMMIGRATION ACT - REPORT OF OWNERSHIP FORM

CITY OF HUNTSVILLE, ALABAMA REPORT OF OWNERSHIP FORM

A. **General Information.** Please provide the following information:

- Legal name(s) (include "doing business as", if applicable): G.W. Jones & Sons Consulting Engineers, Inc.
- City of Huntsville current taxpayer identification number (if available): 479
  (Please note that if this number has been assigned by the City and if you are renewing your business license, the number should be listed on the renewal form.)

B. **Type of Ownership.** Please complete the un-shaded portions of the following chart by checking the appropriate box below and entering the appropriate Entity I.D. Number, if applicable (for an explanation of what an entity number is, please see paragraph C below):

Type of Ownership (check appropriate box)	Entity I.D. Number & Applicable State
☐ Individual or Sole Proprietorship	Not Applicable
☐ General Partnership	Not Applicable
☐ Limited Partnership (LP)	Number & State:
☐ Limited Liability Partnership (LLP)	Number & State:
☐ Limited Liability Company (LLC) (Single Member)	Number & State:
☐ LLC (Multi-Member)	Number & State:
☑ Corporation	Number & State: 010-389 AL
☐ Other, please explain:	Number & State (if a filing entity under state law):

C. **Entity I.D. Numbers.** If an Entity I.D. Number is required and if the business entity is registered in this state, the number is available through the website of Alabama's Secretary of State at: www.sos.state.al.us/, under "Government Records". If a foreign entity is not registered in this state please provide the Entity I.D. number (or other similar number by whatever named called) assigned by the state of formation along with the name of the state.

D. **Formation Documents.** Please note that, with regard to entities, the entity's formation documents, including articles or certificates of incorporation, organization, or other applicable formation documents, as recorded in the probate records of the applicable county and state of formation, ***are not required unless:*** (1) specifically requested by the City, or (2) an Entity I.D. Number is required and one has not been assigned or provided.

Please date and sign this form in the space provided below and either write legibly or type your name under your signature. If you are signing on behalf of an entity please insert your title as well.

Signature: Michael R Patt Title (if applicable): CFO

Type or legibly write name: Michael R. Patterson Date: 1-26-2012

ATTACHMENT 3
CITY OF HUNTSVILLE STANDARDS AND DESIGN GUIDES

1. City of Huntsville Standard Specifications for Construction of Public Improvements, Contract Projects, 1991.

2. City of Huntsville Engineering Standards, 1991.

3. City of Huntsville Design and Acceptance Manual for Force Mains and Pump Stations, 2011.

4. City of Huntsville Design and Acceptance Manual for Sanitary Sewers, 2011.

5. Alabama Department of Transportation Standard Specifications for Highway Construction, Current Edition.

6. City of Huntsville Subdivision Regulations, 1991.

ATTACHMENT 4
DESIGN REVIEWS

100% COMPLETE

1. All documents required for submittal to the Huntsville Planning Commission for approval.
2. One (1) mylar copy each of the recorded subdivision plats.

ATTACHMENT 5 - ENGINEERS PERSONNEL FEE SCHEDULE

G. W. JONES & SONS CONSULTING ENGINEERS, INC.
2013 STANDARD FEE SCHEDULE
Exhibit B

Engineering

Senior Consultant, PE	$220.00/hr
Senior Project Manager, PE	$130.00/hr
Project Manager, PE	$110.00/hr
Civil Engineer, PE	$105.00/hr
Civil Engineer, FE	$ 75.00/hr
Senior Transportation Designer	$ 90.00/hr
Civil/Transportation Designer	$ 70.00/hr

Surveying

PLS (Professional Land Surveyor)	$120.00/hr
Surveyor Manager	$ 95.00/hr
Senior Survey Technician	$ 80.00/hr
Survey Technician	$ 65.00/hr
Two (2) Man Survey Crew	$125.00/hr
Three (3) Man Survey Crew	$160.00/hr
GPS Survey Crew	$185.00/hr

Drafting

Senior CADD Technician	$85.00/hr
CADD Technician	$75.00/hr

Construction Manager $115.00/hr

Resident Project Representative

(Observation of Construction) Resident Project Representative	$75.00/hr

Administrative Assistant

Administrative Assistant	$55.00/hr

Prints

Mylar Prints	$12.00 (Minimum)
Record Plats	$20.00 - Each
TVA Quad Sheets	$20.00 - Each
Sepia Prints	$4.00 (Minimum)
Regular Prints -- 24 x 36	$1.75 - Each
24 x 36 color prints on bond paper	$21.00 - Each
24 x 36 color prints on photo paper	$33.00 - Each
Xerox Copies	$0.15 – Each

Mileage ..... **$.57 per mile**

ATTACHMENT 6 - PROGRESS REPORT
(Article 8)

PROGRESS REPORT NO. _____ FOR MONTH AND YEAR _____

PROJECT _____PROJECT NO. _____

DATE _____ CITY'S PROJECT ENGINEER _____

CONSULTANT _____CONSULTANT'S PROJ. MAN. _____

CURRENT MONTH % COMPLETE: _____ PREV. MONTH % COMPLETE: _____

ATTACH A "SHOULD HAVE STARTED TASKS REPORT" AND A "SLIPPING TASKS REPORT" FROM MICROSOFT PROJECTS THAT LISTS ALL ACTIVITY THAT IS BEHIND SCHEDULE.

ATTACH A "TASKS STARTING SOON" REPORT FROM MICROSOFT PROJECTS WITH A DATE RANGE OF THIRTY (30) DAYS AFTER THE DATE OF THIS PROGRESS REPORT.

STATE WHAT ACTION IS BEING TAKEN TO BRING PROJECT BACK TO SCHEDULE:

_____

_____

_____

MILESTONE SUBMITTALS	SCHEDULED DATE	ACTUAL DATE
30%	_____	_____
60%	_____	_____
90%	_____	_____
100%	_____	_____
"FINAL" INVOICE SUBMITTED		_____
SUBCONSULTANTS PAID IN FULL		_____
CONTRACTED COMPLETION DATE:	August 26, 2013	_____

(The scheduled dates above for milestone submittals will not change unless a contract modification is justified by contract change order. These scheduled dates shall be agreed upon at beginning of project with the Project SURVEYOR and noted monthly on each progress report.)

UPDATED SCHEDULE ATTACHED? _____YES _____ NO

COMMENTS:

_____

_____

_____

(These scheduled dates shall be agreed upon at the beginning of the project (Attachment 4) with the Project Engineer and noted monthly on each progress report. The scheduled contract completion date shall not be changed except by contract change order. Changes to the scheduled milestone submittal dates shall be accompanied by a new project schedule approved by the OWNER'S Project Engineer.)

UPDATED SCHEDULE ATTACHED? _____YES _____ NO
*If yes, send an electronic copy to the Project engineer

CERTIFICATION: I certify that the stated information is true and accurate to the best of my knowledge.

_____ _____

CONSULTANT DATE CITY PROJECT ENGINEER DATE

ATTACHMENT 7 - SUB CONSULTANTS ENGAGED BY THE SURVEYOR
(Article 9.2)

CONSULTANT NAME AND ADDRESS	DESCRIPTION OF SERVICES	FEE
Aerotec 560 Mitchell Field Road Bessemer, AL 35022	**Mapping**	$5,495.00
	SUB-TOTAL	$5,495.00
	5% Administrative Fee	$274.75
	TOTAL	$5,769.75

ATTACHMENT 8 - CONTRACT DOCUMENT REQUIREMENTS LIST

REQUIREMENT	SUBMIT TO	SUBMITTAL REQUIREMENT DATE	NUMBER OF COPIES	REFERENCE SECTION OF CONTRACT AND COMMENTS
Deviations from OWNER's standards.	OWNER	Prior to incorporating deviations.	2	Article 2.5
Products or materials specified by the SURVEYOR that are available from only one source.	OWNER	Prior to 100% submittal.	N/A	Article 2.2
Approval of contractor's Request for Payment.	OWNER	Within ten (10) days of receipt of the request from the contractor.	N/A	Article 3.4
Approval of contractor submittals	OWNER	So as to cause no delay to the contractor or the PROJECT.	N/A	Article 3.8
Change order changes that reduce construction requirements.	OWNER	Prior to authorizing a change.	N/A	Article 3.11
Any information pertaining to any claim.	OWNER	Immediately	2	Article 3.12
Information pertinent to the PROJECT, all criteria and full information as to OWNER's requirements.	SURVEYOR	So as to not delay the services of the SURVEYOR.	2	Article 5.1, 5.2
Notification of delays.	SURVEYOR ; OWNER	Promptly	4	Article 6.1
SURVEYOR's monthly invoices.	OWNER	Monthly	4	Article 8.1.1
Consultant progress report.	OWNER	Monthly	4	Article 8.1.1
Records, data, parameters, design calculations and other information.	OWNER	Cancellation of contract.	2	Article 9.7
Documentation, records of reimbursable expenses, record copies of all written communications, and any memoranda of verbal communications related to the PROJECT.	OWNER	Upon notice from the OWNER.	2	Article 9.4
Termination notification.	OWNER or SURVEYOR	7 days prior to termination.	2	Article 9.10 & 9.11
Certificate of Insurance for SURVEYOR.	OWNER	At 0% design conference	1	Article 10.2(B), 10.6, and attachment 4.
Insurance cancellation, suspension, or reduction in coverage or limits.	OWNER	30 days prior to effective date except for cancellation which is 10	1	Article 10.4(A)

		days notification.		
Certificate of insurance for sub consultants/subcontractors.	OWNER	At 0% design conference.	1	Article 10.7
A schedule in Microsoft Projects format showing the critical path.	Project Engineer	Within 7 calendar days of Pre-design conference, 30% complete design review. 60% design review. Attachment 4	N/A	Attachment 4
Drawings.	Project Engineer	30% complete design review, 60% design review, 90% review, and 100% complete.	3	Attachment 4
Cost estimate.	Project Engineer	30% complete design review, 60% review, 90% review, and 100% complete.	N/A	Attachment 4
Hydraulic reports.	Project Engineer	60% design review.	N/A	Attachment 4
Preliminary plans for utilities.	Project Engineer	60% design review.	N/A	Attachment 4
Legal descriptions for takings.	Project Engineer	60% design review, 90% review, 100% complete.	N/A	Attachment 4
Traffic Control plan.	Project Engineer	60% design review.	N/A	Attachment 4
Results of geotechnical investigations.	Project Engineer	30% design review.	N/A	Attachment 4
Technical specifications.	Project Engineer	90% review, 100% complete.	N/A	Attachment 4
Relocation of Utilities	Project Engineer	0%-review of all utilities that need to be contacted 60% review – from all affected parties 90% review – Signed Acceptance Utility Project Notification Form	2	Attachment 4, 10
Design Calculations	Project Engineer	90% review, 100% complete	N/A	Attachment 4
Digital copy of drawings.	Project Engineer	100% complete.	1	Attachment 4
Digital text files.	Project Engineer	100% complete.	1	Attachment 4
Bid Quantities.	Project Engineer	100% complete.	N/A	Attachment 4
Permits and Permit Applications	Project Engineer	100% complete.	1	Attachment 4
Field notes.	Project Engineer	100% complete.	1	Attachment 4
Digital aerial photography.	Project Engineer	100% complete.	1	Attachment 4
Progress Report (Art. 8)	Project Engineer	30% complete design review, 60% design review, 90% design review, 100% completion stage.	4 hard; 1 digital monthly	Attachment 6

ATTACHMENT 9 - REQUIREMENTS FOR DOCUMENT SUBMITTALS

All drawings shall be sized 24" x 36", unless otherwise approved by the OWNERS Project Engineer.

Title blocks shall as a minimum, contain the name of the project, date, city project number, and SURVEYOR's name. The title block of drawings shall contain a space for the names of the preparer and the reviewer and/or checker. These blocks shall be signed on each submittal (See Attachment "11" for sample standard drawing format). Drawings shall contain alphanumeric revision designations. Drawings issued for review shall be issued with alpha revision designation and the revision letter shall be changed for each submittal containing drawing changes. Drawings issued for construction shall be issued with numeric designation at revision level "0" and described as "Issued for Construction" in the revision description block. Subsequent drawing changes require the revision level to be raised using successively higher numbers and the changes to be marked by circling and briefly described in a revision block.

Unless otherwise specified by the Owners Project SURVEYOR, all drawings for review submittals shall be full or half-size copies. All documents shall be clearly marked in a revision block indicating the applicable submittal milestone, i.e. 30%, 60%, 90%, etc.

Submittals required by the State of Alabama for their review, bidding, etc., shall be of the size, form and numbers of copies as the state may require even though such submittals may differ from the submittals set forth as being required elsewhere in this Agreement.

All drawings shall be prepared in Micro station .DGN format, unless otherwise approved by the OWNERS Project Engineer. Transmittal letters shall consist of a list of files being submitted, a description of the data in each file, and a level/layer schematic of each design file. DGN design files shall have working units as follows: master units in feet, no sub-units, and 1,000 positional units. All data submitted shall use NAD 1983 Alabama East Zone horizontal datum and NAVD 88 vertical datum coordinates.

Digital files shall be submitted by 4-3/4" CD ROM, 100 MB zip drive, 3 and 1/2 inch floppy disk, or to the City of Huntsville F.T.P. site.

All print copies shall be first generation copies.

All text documents shall be prepared in Microsoft Word 2010 format.

All spreadsheets shall be in Microsoft Excel 2010 format.

A schedule showing the critical paths shall be in Microsoft Projects format, unless otherwise approved by the OWNERS Project Engineer.

Aerial photography files shall be in Intergraph (.COT) or (.tiff) format.

All mapping shall meet National Map Accuracy Standards unless otherwise noted. If National Map Accuracy Standards are not met, the accuracy of the map shall be identified to the Owners Project Engineer and on the maps derived from the aerial survey. National Map Accuracy Standards are shown below. This and other map standards are shown in Department of the Army, US Army Corps of Engineers standard, "EM 1110-1-1000, Engineering and Design - Photogrammetric Mapping".
http://www.usace.army.mil/inet/usace-docs/eng-manuals/em1110-1-1000/toc.htm

ATTACHMENT 10 – UTILITY PROJECT NOTIFICATION FORM

NAME:_____
(Utility Name)

PROJECT NAME:_____ **PROJECT NUMBER:**_____

CONSULTING SURVEYOR:_____
(Name)

ENGINEERING REPRESENTATIVE_____**PHONE:**_____

I have reviewed design drawings or other information as available, and:

DO _____ **DO NOT** _____

have facilities that will require relocation. If relocation is required, a construction duration of _____ calendar days from the Notice to Proceed, is anticipated to be required for relocation.

LIST NAME(S) OF OTHER UTILITY(S) that share poles or facilities that have to be relocated prior to YOU starting your work:

NAME OF UTILITY:_____

NAME OF UTILITY:_____

NAME OF UTILITY:_____

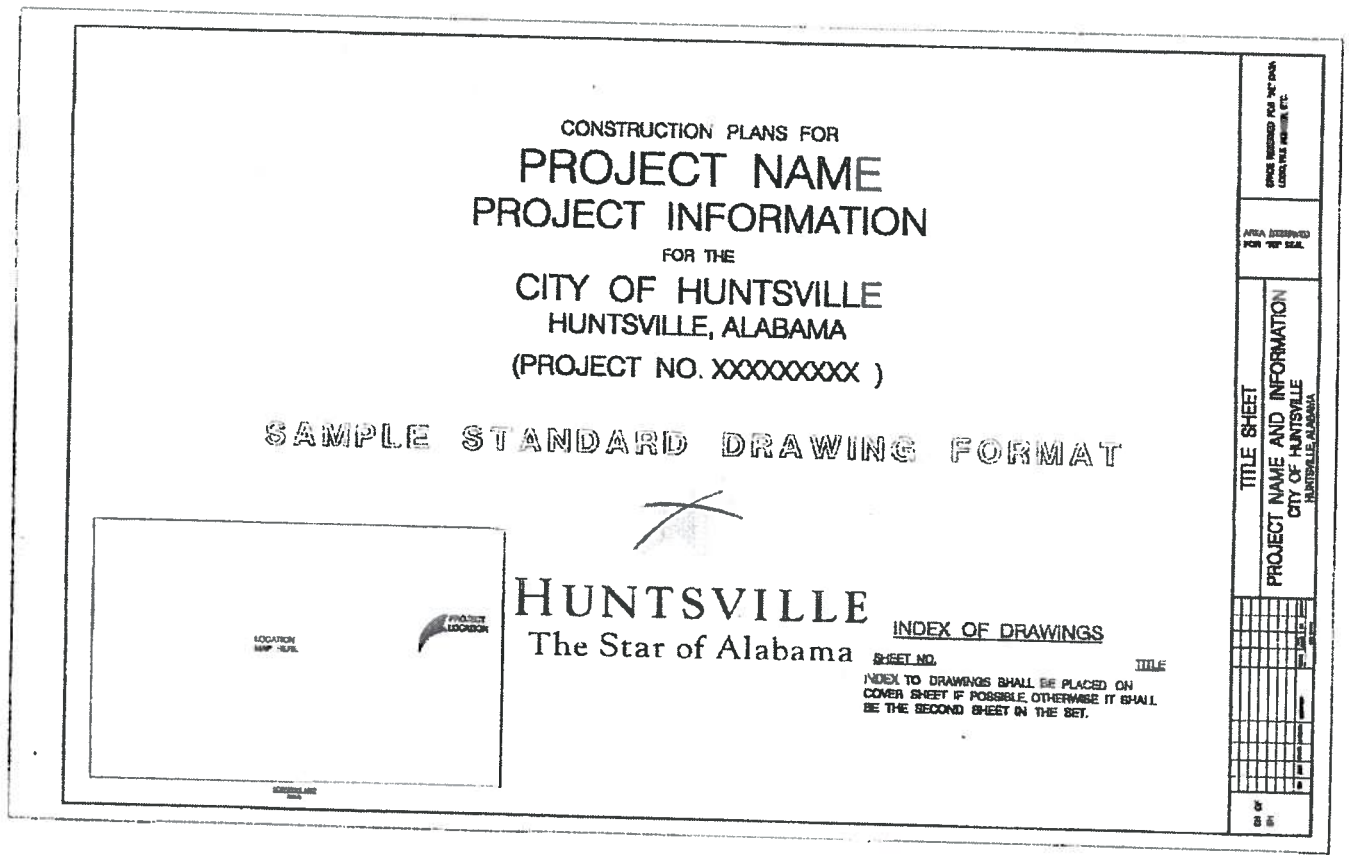
OTHER:_____

COMMENTS:_____

BY:_____
AUTHORIZED REPRESENTATIVE

FIELD CONTACT PERSON:_____ **PHONE:**_____
OFFICE CONTACT PERSON:_____ **PHONE:**_____

DATE:_____



CONSTRUCTION PLANS FOR

PROJECT NAME

PROJECT INFORMATION

FOR THE

CITY OF HUNTSVILLE

HUNTSVILLE, ALABAMA

(PROJECT NO. XXXXXXXXX)

SAMPLE STANDARD DRAWING FORMAT

LOCATION MAP - NTS

PROJECT LOCATION

HUNTSVILLE

The Star of Alabama

INDEX OF DRAWINGS

SHEET NO. TITLE

INDEX TO DRAWINGS SHALL BE PLACED ON COVER SHEET IF POSSIBLE, OTHERWISE IT SHALL BE THE SECOND SHEET IN THE SET.

SPACE RESERVED FOR "AS" SIGN CONSTRUCTION REVISIONS, ETC.

AREA RESERVED FOR "RP" SEAL

TITLE SHEET

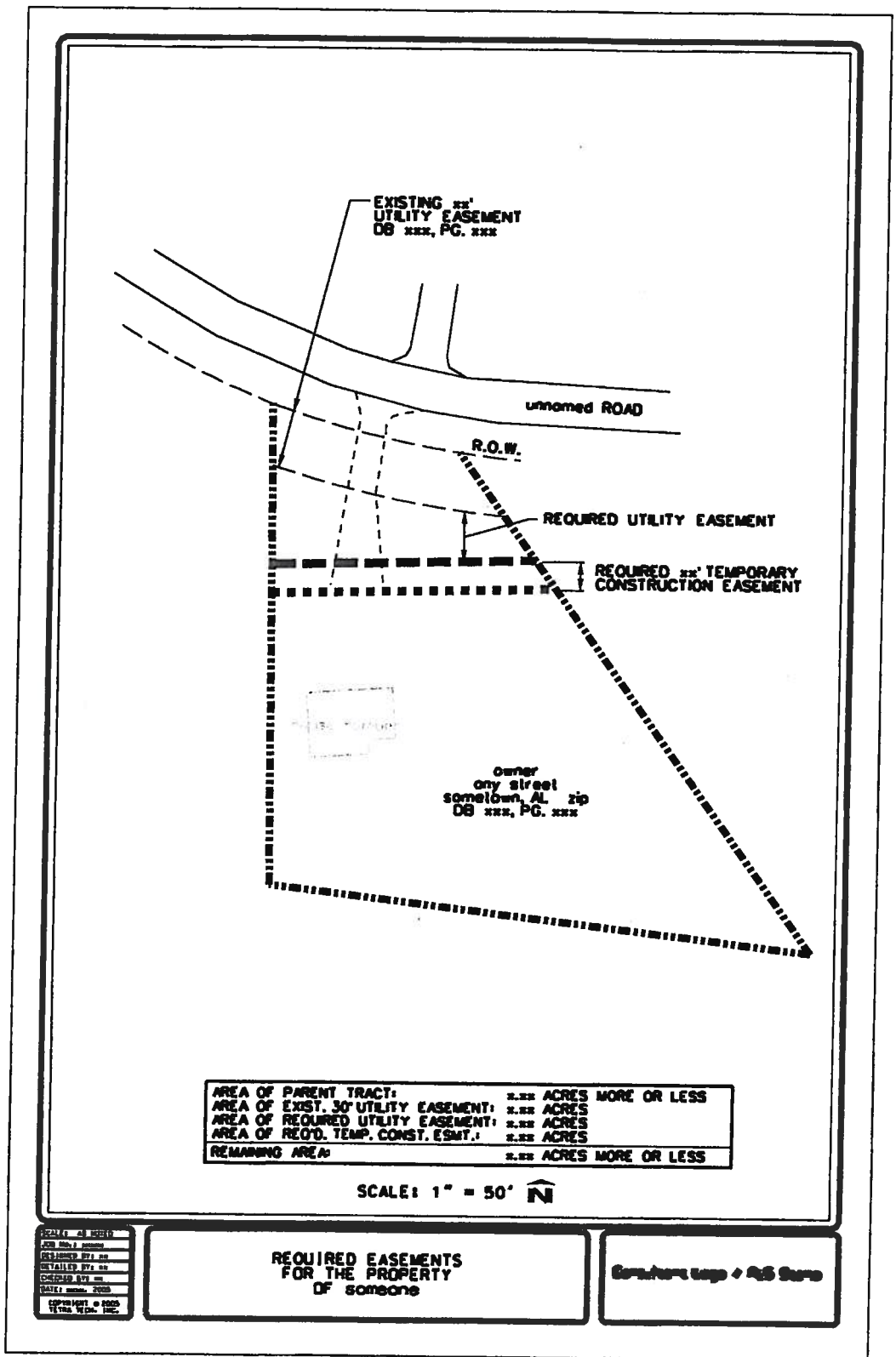
PROJECT NAME AND INFORMATION

CITY OF HUNTSVILLE

HUNTSVILLE, ALABAMA

ATTACHMENT 11

ATTACHMENT 12
SAMPLE



...\easementtemplate_V7.dgn 3/17/2006 12:11:14 PM

ATTACHMENT 13

United States National Map Accuracy Standards

With a view to the utmost economy and expedition in producing maps which fulfill not only the broad needs for standard or principal maps, but also the reasonable particular needs of individual agencies, standards of accuracy for published maps are defined as follows:

1. ***Horizontal accuracy.*** *For maps on publication scales larger than 1:20,000, not more than 10 percent of the points tested shall be in error by more than 1/30 inch, measured on the publication scale; for maps on publication scales of 1:20,000 or smaller, 1/50 inch. These limits of accuracy shall apply in all cases to positions of well-defined points only. Well-defined points are those that are easily visible or recoverable on the ground, such as the following: monuments or markers, such as bench marks, property boundary monuments; intersections of roads, railroads, etc.; corners of large buildings or structures (or center points of small buildings); etc. In general what is well defined will be determined by what is plottable on the scale of the map within 1/100 inch. Thus while the intersection of two road or property lines meeting at right angles would come within a sensible interpretation, identification of the intersection of such lines meeting at an acute angle would obviously not be practicable within 1/100 inch. Similarly, features not identifiable upon the ground within close limits are not to be considered as test points within the limits quoted, even though their positions may be scaled closely upon the map. In this class would come timber lines, soil boundaries, etc.*

2. ***Vertical accuracy,*** *as applied to contour maps on all publication scales, shall be such that not more than 10 percent of the elevations tested shall be in error more than one-half the contour interval. In checking elevations taken from the map, the apparent vertical error may be decreased by assuming a horizontal displacement within the permissible horizontal error for a map of that scale.*

3. ***The accuracy of any map may be tested*** *by comparing the positions of points whose locations or elevations are shown upon it with corresponding positions as determined by surveys of a higher accuracy. Tests shall be made by the producing agency, which shall also determine which of its maps are to be tested, and the extent of the testing.*

4. ***Published maps meeting these accuracy requirements*** *shall note this fact on their legends, as follows: "This map complies with National Map accuracy Standards."*

5. ***Published maps whose errors exceed those aforestated*** *shall omit from their legends all mention of standard accuracy.*

6. ***When a published map is a considerable enlargement*** *of a map drawing (manuscript) or of a published map, that fact shall be stated in the legend. For example, "This map is an enlargement of a 1:20,000-scale map drawing," or "This map is an enlargement of a 1:24,000-scale published map."*

7. ***To facilitate ready interchange and use of basic information for map construction*** *among all Federal mapmaking agencies, manuscript maps and published maps, wherever economically feasible and consistent with the uses to which the map is to be put, shall conform to latitude and longitude boundaries, being 15 minutes of latitude and longitude, or 7.5 minutes, or 3-3/4 minutes in size.*

U.S. BUREAU OF THE BUDGET

ATTACHMENT 14

ENGINEERING DEPARTMENT - REAL ESTATE DIVISION
PLAN REQUIREMENTS

DRAWINGS:
Individual Parcels

- Each individual parcel 8 ½" x 14" (dgn or dxf format)
- Show Calculations
  - Before
  - After
  - Taking
- *All Parcels shall be closed shapes (polygons).*
- Show Existing and Proposed Right-of-Way on each individual parcel map.
- Property Ownership

Overall Project Land Acquisition Maps

- Total project drawing in dgn or dxf format
- Indicate the following:
  - Stationing on Centerline
  - Existing Right-of-Way
  - Proposed Right-of-Way
  - Existing Easements
  - Proposed Easements
  - Existing Pavement
  - Proposed Pavement/Sidewalks/Structures
  - Existing Structures
  - Property Ownership

Color Standards

(SAMPLE)

Description	Color	Line Style	Type
Existing ROW	Red	Medium Dashed	
Proposed ROW	Red	Solid	Closed Polygon
Existing Easements	Orange	Medium Dashed	
Proposed Easements	Orange	Solid	Closed Polygon
TCE	Pink	Solid	Closed Polygon

DESCRIPTIONS:

- Microsoft Word on 3.5" Diskette or CD
- Each Description shall be complete and independent (separate file).
- Hard Copies signed and stamped by PLS.

GENERAL:

- P.K. Nails or other permanent stationing markings shall be required.
- Re-staking of right-of-way or easements may be required (See Article 4).
- All survey plats to be on Alabama State Plane Datum. Strip Maps shall indicate at least 2 monuments in place with Alabama State Plane Coordinate values shown on each.
- Parcel plats and legal descriptions shall indicate the Alabama State Plane Coordinate NAD83 Alabama East Zone Value of the point of beginning.

ATTACHMENT 15 - GIS BASE MAP

DESIGN LEVEL	CONTENTS	LINE CODE	COLOR	WEIGHT	TEXT SIZE	FONT	CELL NAME
1	State Plane Coordinate Grid	0	0	0	20	0	
2	Benchmarks	0	0	0			
3	Private Street Text	0	105	0	20	0	
3	Street Text	0	3	0	20 (or 18)	0	
4	Street R/W	7	0	0			
5	Street Centerline	7	0	0			
6	Street Pavement	0	3	0			
6	Proposed Street Pavement	3	16	0			
6	Private Streets	0	105	0			
6	Proposed Private Road	3	105	0			
7	Parking Lots	1	3	1			
7	Private Lots used as Roads	1	105	1			
8	Secondary Roads--Private	2	105	0			
8	Secondary Roads	2	3	0			
8	Trails	3	3	0			
9	Secondary Roads/Trails Text	0	3	0	20	0	
10	Sidewalks	5	3	0			
11	Bridges/Culverts/Paved Ditches	0	0	0			
12	Hydrology - Major	6	1	0			
12	Hydrology – Minor, Ditches	7	1	0			
13	Hydrology - Text	0	1	0	25	23	
14	Tailings & Quarries, Athletic Fields/Text, misc. areas	0	1	0			
15	Greenways	3	48	0			
16	Speed Tables	0	3	0			TCALM
17	Railroad Tracks (Patterned)	0	2	0			RR
18	Railroad Text	0	2	0	25	0	
19	Railroad R/W	2	2	0			
20	Utility Poles (Cell)	0	5	0			P POLE
21	Utility Easements	3	5	0			
22	Utility Text	0	5	1			
23	Geographic Names	0	3	1			
24	Building Structures	0	0	0			
24	Pools and Text	0	1	0	10	1	
24	Future Site of Structures	2	0	0			STRUCT
24	Existing Structures (exact location and shape unknown)	2	0	0			STRCEX
25	Property Lines/ refuge bdy.	6	6	1	30	1	
26	Cadastral Polygons	6	6	0			
27	Ownership Text	0	6	1			
28	Cemeteries/Text	4	6	0	10	1	
29	Lot Numbers				25	0	
30	Block Numbers				30	0	
31	Addition Names	0	0	0	35	0	
32	Open						
33	Lot Ticks						
34	Lot Lines/Property Lines	6	6	0			
35	Trees/Hedge Rows	0	6	0	AS=1		TREES
36	GPS Monuments	0	5	0	18	23	CONTRL
37	2' Topo Contour						
38	5' Topo Contour	0	7	0			
39	25' Major Topo Contour	0	7	0			
40	X Spot Elevation	0	7	0			
41	FEMA Monuments/Labels	0	3/0	0	18	1	FEMA
42	Quarter Sections						
43	Section Lines	0	5	0			

44	Features	0	2	0			
44	Cell Towers	0	12	0	AS=1		CELTWR
45	Fences (Pattern)	0	8	0	AS=1		FENCE
46	Format/Legend	0	0	0			Limleg Madleg
47	Mass Points	0	7	2			
48	Break Lines	0	7	2			
49	Open						
50	Billboards	0	37	1			BBOARD
51	Sanitary Sewer	0		3			
52	Sanitary Sewer Text						
53	Storm Water Features	0		3			
54	Storm Water Text						
55	Open						
56	Property Address	0	1	0			
57	Text Tag for Buildings	0	1	0	10-20	1	
58	One Way Arrows	1	3	1			
59	Open						
60	Open						
61	Open						
62	Monuments for Setup (point cell)						
63	Open						