

A SPECIAL ORDINANCE OF THE CITY OF NEVADA, MISSOURI AUTHORIZING THE EXECUTION OF AN AGREEMENT WITH ANDERSON ENGINEERING, INC. OF JOPLIN, MISSOURI FOR MISCELLANEOUS ENGINEERING SERVICES.

BE IT ORDAINED BY THE CITY OF COUNCIL OF THE CITY OF NEVADA, MISSOURI THAT:

Section 1. The agreement attached hereto as Exhibit "A" and incorporated herein by reference is approved as a contractual obligation of the City of Nevada, Missouri.

Section 2. The City Manager and City Clerk are hereby authorized and directed to execute said agreement on behalf of the City of Nevada, Missouri, and to affix the municipal seal thereto and attest the same.

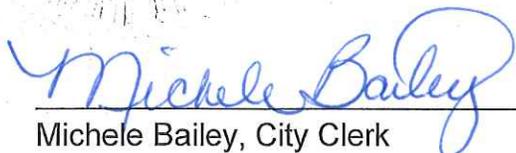
PASSED, APPROVED and ADOPTED by the City Council of the City of Nevada, Missouri this 23rd day of February 2021.



(seal)
ATTEST:



George Knox, Mayor



Michele Bailey, City Clerk

WORK AUTHORIZATION AGREEMENT

Anderson Engineering, Inc. (hereinafter referred to as "A/E") is pleased to provide the services described below. The purpose of this AGREEMENT is to obtain your authorization for the work requested by the CLIENT and confirm the TERMS AND CONDITIONS under which these services are provided, as hereinafter referred to:

The "CLIENT" is: City of Nevada Address 110 S. Ash
Contact: Randy Marti Nevada, MO 64772

The "PROJECT" is: City of Nevada, On Call Services Location Nevada, MO

TERMS AND CONDITIONS:

- I. GENERAL CONDITIONS NUMBERED 1 THROUGH 13. (as shown).
- II. SCOPE OF WORK DETAILED: See "Exhibit A".
- III. SPECIAL CONDITIONS: None
- IV. FEES AND COMPENSATION: Services to be billed hourly per Fee Schedule. Fee Schedule Effective 01/01/2021 to 12/31/2021.
- V. PAYMENT: Invoices are due upon receipt regardless of whether CLIENT has been, or is to be, reimbursed by any other party. A service charge of one and one-half percent per month is assessed on accounts 45 days past due.

ACKNOWLEDGMENTS AND WORK AUTHORIZATION:

ANDERSON ENGINEERING, INC.

AUTHORIZED AND AGREED TO: CLIENT:

by: Cody R White
 Cody R. White, P.E. Office Manager

by: Mark Mitchell
 MARK MITCHELL, CITY MANAGER

DATE: January 15, 2021

DATE: 2/24/2021

Exhibit A”

Client: City of Nevada, Missouri

Scope of Services: Typical tasks may include, but are not limited to the following:

- preliminary design;
- final design of public infrastructure improvements;
- topographic surveys;
- boundary surveys;
- GIS mapping;
- easement preparation;
- geotechnical exploration and reporting;
- structural inspections;
- preparation of environmental assessments;
- preparation of applications and supporting documents;
- construction plans and specifications;
- coordination of outside agencies and other consultants;
- cost estimates;
- attendance of meetings;
- project bidding;
- construction observation;
- construction testing;
- constructing staking; and,
- as-constructed drawings.

Anderson Engineering may work on various Project Segments for the City of Nevada during the term of this Agreement, and that this Agreement will provide the general terms and conditions applicable to Work on each such Project. Each individual Project Segment will be documented by the issuance and acceptance of the attached Work Order Form. For specific projects, when you request a formal proposal, we will send you an individual proposal which will govern the work, instead of this agreement.

SCOPE:

The Scope of Each Project Segment may be defined in each Work Order or as requested otherwise by the City of Nevada, Missouri

VIABILITY OF MASTER SERVICE AGREEMENT:

This Master Service Agreement may be considered viable until December 31, 2021 and up for renewal on an annual basis thereafter.

FEE:

We propose to complete these services on a time and expense basis with an estimated fee as shown on each Work Order and per the attached Fee Schedule for the 2021 year, and as amended annually. The Work Order scope and estimated fee will be based on what is known at that time. Based on requests by you or your representative, we will develop a scope of work and estimated cost. We will then provide the scope and fee to you for signature and authorization to proceed. We understand that authorization will be done by signature or email from you. Unforeseen, unexpected, or scope modification conditions that result in a scope change and fee modification will be brought to your attention for authorization prior to proceeding with any additional work should costs go beyond our estimated fee by more than 10% for individual tasks.



WORK ORDER FORM

Date: _____

Work Requested by: _____
Name & Title

Project Segment Description & Location: _____

WORK ORDER SCOPE:

TERMS AND CONDITIONS & WORK ORDER FEE:

The Terms and Conditions for the requested Work Order shall be governed by the Master Service Agreement with Anderson Engineering, dated January 1, 2021.

We propose to complete this work for an estimated fee of _____

ACKNOWLEDGMENTS AND WORK AUTHORIZATION:

ANDERSON ENGINEERING, INC.

AUTHORIZED AND AGREED TO:

by: _____

by: _____

by: _____

(Print Name and Title)



GENERAL CONDITIONS

1. PAYMENT TERMS: A/E will submit invoices to CLIENT monthly and/or upon completion of services. Payment is due upon receipt regardless of whether CLIENT has been, or is to be, reimbursed by any other party. CLIENT agrees to pay a service charge of one and one half percent (1 ½%) per month on accounts 45 days past due. If requested by CLIENT, LIEN WAIVERS WILL BE PROVIDED UPON PAYMENT. All collection costs, including reasonable attorney fees will be assessed to CLIENT which CLIENT agrees to pay.

2. INSURANCE: A/E maintains Worker's Compensation and Employer's Liability Insurance in conformance with applicable state law. A/E has insurance under public liability and property damage which A/E deems to be adequate. Certificates of insurance evidencing such coverage will be provided, if requested.

3. STANDARD OF CARE: The only warranty or guarantee made by A/E in connection with the services performed hereunder, is that A/E will use that degree of care and skill ordinarily exercised under similar conditions by reputable members of the profession currently practicing in the same or similar locality. NO OTHER REPRESENTATION, WARRANTY, OR GUARANTEE EXPRESSED OR IMPLIED IS MADE OR INTENDED BY PROPOSAL, SERVICES PERFORMED OR BY FURNISHING ORAL OR WRITTEN REPORTS.

4. RISK ALLOCATION: Due to the very limited benefit A/E will derive from this project compared to that of other parties involved, including CLIENT, CLIENT AGREES THAT TO THE FULLEST EXTENT PERMITTED BY LAW TO LIMIT ANDERSON ENGINEERING, INC. TOTAL LIABILITY TO CLIENT, OR ANY OTHER PARTY USING OR RELYING ON A/E'S WORK, FOR ANY AND ALL INJURIES, CLAIMS, LOSSES, EXPENSES OR DAMAGES WHATSOEVER ARISING OUT OF OR IN ANY WAY RELATING TO THE WORK, THE PROJECT, OR THIS AGREEMENT FROM ANY CAUSE OR CAUSES INCLUDING BUT NOT LIMITED TO NEGLIGENCE, ERRORS, OMISSIONS, STRICT LIABILITY, OR BREACH OF AGREEMENT TO THE GREATER OF THE TOTAL AMOUNT PAID BY THE CLIENT FOR THE SERVICES UNDER THIS AGREEMENT OR A COMBINED TOTAL FOR ALL PARTIES OF \$25,000, WHICHEVER IS THE GREATER.

5. RIGHT-OF-ENTRY: CLIENT will furnish right-of-entry on the property for A/E employees, agents, and subcontractors to perform the service and represents that it has obtained the needed permits and licenses for the project. A/E will take reasonable precautions to minimize damage to the property caused by its operations, but have not included in the fee the cost of restoration of damage which may result. If CLIENT desires A/E to restore the property to its former condition, A/E will accomplish this and add the cost to the fee.

6. OWNERSHIP OF DOCUMENTS: Unless provided otherwise, all documents including but not limited to drawings, electronic files, specifications, reports, boring logs, field notes, laboratory test data, calculations and estimates prepared by A/E as instruments of service pursuant to this Agreement, shall be the sole property of A/E. CLIENT agrees that all documents of any nature furnished to CLIENT or CLIENT's agents or designate, if not paid for, will be returned upon demand and will not be used by CLIENT for any purpose whatsoever. CLIENT further agrees that under no circumstance shall any documents produced by A/E, pursuant to this Agreement, be used at any location or for any project not expressly provided for in this Agreement without the written permission of A/E. At the request and expense of the CLIENT, A/E will provide the CLIENT with copies of documents created in the performance of the work for a period not exceeding one year following completion of service.

7. DELIVERY OF ELECTRONIC FILES: In accepting and utilizing any drawings, reports and data on any form of electronic media generated and furnished by A/E, the CLIENT agrees that all such electronic files are instruments of service of A/E, who shall be deemed the author, and shall retain all common law, statutory law and other rights, including copyrights.

The CLIENT agrees not to reuse these electronic files, in whole or in part, for any purpose other than for the Project. The CLIENT agrees not to transfer these electronic files to others without the prior written consent of A/E. The CLIENT further agrees to waive all claims against A/E resulting in any way from any unauthorized changes to or reuse of the electronic files for any other project by anyone other than A/E. The CLIENT and A/E agree that any electronic files furnished by either

party shall conform to the specifications agreed upon in the CONTRACT. Any changes to the electronic specifications by either the CLIENT or A/E are subject to preview and acceptance by the other party. Additional services by A/E made necessary by changes to the electronic file specifications shall be compensated for as Additional Services.

Electronic files furnished by either party shall be subject to an acceptance period of 30 days during which the receiving party agrees to perform appropriate acceptance tests. The party furnishing the electronic file shall correct any discrepancies or errors detected and reported within the acceptance period. After the acceptance period, the electronic files shall be deemed to be accepted and neither party shall have any obligation to correct errors or maintain electronic files. The CLIENT is aware that differences may exist between the electronic files delivered and the printed hard-copy construction documents. In the event of a conflict between the signed construction documents prepared by A/E and electronic files, the signed or sealed hard-copy construction documents shall govern.

In addition, the CLIENT agrees, to the fullest extent permitted by law, to indemnify and hold harmless A/E, its officers, directors, employees and sub-consultants (collectively, A/E) against all damages, liabilities or costs, including reasonable attorneys' fees and defense costs, arising from any changes made by anyone other than A/E or from any reuse of the electronic files without the prior written consent of A/E.

Under no circumstances shall delivery of electronic files for use by the CLIENT be deemed a sale by A/E and A/E makes no warranties, either express or implied, of merchantability and fitness for any particular purpose. In no event shall A/E be liable for indirect or consequential damages as a result of the CLIENT's use or reuse of the electronic files.

8. SAFETY: Should A/E provide any services at the job site during construction, CLIENT AGREES that, in accordance with generally accepted construction practices, the contractor will be solely responsible for working conditions on the job site, including safety of all persons and property during the performance of the work, and compliance with OSHA regulations, and these requirements will apply continuously and not limited to normal working hours.

9. NO RESPONSIBILITY FOR CONTRACTOR'S PERFORMANCE: Except for its own subcontractors and employees, Anderson Engineering shall not be responsible for safety precautions, the quality of any contractor's work, acts or omissions of any contractor, subcontractor, supplier, or other person at the project site.

10. LOCATION OF EXISTING MAN-MADE OBJECTS: It shall be the responsibility of the Client or his authorized representative to disclose the presence and accurate location of all hidden or obscure man-made objects relative to the work being performed. CLIENT AGREES to indemnify and save harmless A/E from all claims, suits, losses, personal injuries, death and property liability resulting from damages to subsurface structures, owned by Client or third parties, occurring from work performed on the site, whose presence and exact locations were not revealed to A/E in writing, and to reimburse A/E for expenses in connection with any such claims or suits, including reasonable attorney's fees.

11. SUSPENSION OF SERVICES/TERMINATION: Either party may suspend performance immediately upon becoming aware of a breach of the terms of this agreement by the other party and provide notice of its intention to terminate. In the event A/E determines there may be a significant risk that A/E's invoices may not be paid on a timely basis A/E may suspend performance and/or retain any reports or other information until Client provides A/E with adequate assurances of payment. The filing of a voluntary or involuntary bankruptcy petition, appointment of a receiver, assignment for the benefit of creditor or other similar act of insolvency shall constitute a breach. Termination will become effective fourteen (14) calendar days after receipt of notice by the breaching party unless the event(s) giving rise to the breach are remedied within that time frame.

12. GOVERNING LAWS: This Agreement shall be governed in all respects by the laws of the State of Missouri.

FEE SCHEDULE

THIS SCHEDULE IS PREPARED AS A METHOD OF CHARGING FOR SERVICES ON A UNIT AND HOURLY BASIS. THE RATES ARE BASED UPON THE SKILL AND KNOWLEDGE OF OUR PERSONNEL. INVOICES WILL BE SUBMITTED MONTHLY AND/OR UPON COMPLETION OF SERVICES. PAYMENT IS DUE ON RECEIPT OF THE INVOICE. ACCOUNTS OVER FORTY-FIVE DAYS ARE SUBJECT TO A 1 1/2% MONTHLY SERVICE CHARGE. SERVICES WILL BE PERFORMED IN ACCORDANCE WITH ACCEPTED STANDARD METHODS UTILIZING PROPERLY TRAINED, REGISTERED, LICENSED, OR CERTIFIED PERSONNEL AS REQUIRED. HOWEVER, WE CANNOT ASSUME RESPONSIBILITY FOR CONSTRUCTION METHODS, MATERIALS, PROCEDURES, PRODUCTS, OR ACTIONS OF OTHERS.

ANDERSON ENGINEERING, INC., BY  EFFECTIVE: 1/1/2021 THRU 12/31/2021
Jerrod Hogan, PLS, C.E.O.

BASIC CHARGES

PERSONNEL (HOURLY RATES):

PRINCIPAL	\$	262.50
PRINCIPAL ENGINEER	\$	218.50
ENGINEERING MANAGER	\$	196.50
PROJECT MANAGER	\$	177.50
PROJECT ENGINEER	\$	157.50
ASSOCIATE ENGINEER	\$	133.00
DESIGN ENGINEER	\$	106.00
PROJECT DESIGNER	\$	139.50
SENIOR DESIGNER	\$	125.50
DESIGNER III	\$	113.50
DESIGNER II	\$	102.00
DESIGNER	\$	91.50
PROJECT COORDINATOR	\$	101.00
PROJECT COORDINATOR ASSISTANT	\$	65.00
PRINCIPAL SURVEYOR	\$	196.50
SURVEY MANAGER	\$	168.00
PROJECT SURVEYOR	\$	131.50
ASSOCIATE SURVEYOR	\$	110.50
LAB MANAGER	\$	142.00
TECHNICIAN IV - SURVEY/LAB SPECIAL	\$	105.00
TECHNICIAN III - SURVEY/SENIOR LAB	\$	86.00
TECHNICIAN IIS - SURVEY	\$	72.00

TECHNICIAN II - LAB	\$	62.00
TECHNICIAN I - SURVEY/LAB AIDE	\$	51.50
ENVIRONMENTAL SPECIALIST II	\$	131.50
ENVIRONMENTAL SPECIALIST I	\$	105.00
ONE MAN SURVEY CREW	\$	124.50
TWO MAN SURVEY CREW	\$	157.50
THREE MAN SURVEY CREW	\$	210.00
FOUR MAN SURVEY CREW	\$	261.50
GIS DIRECTOR	\$	164.00
GIS MANAGER	\$	136.50
GIS ANALYST	\$	126.00
GIS SPECIALIST	\$	105.00
GIS TECHNICIAN	\$	89.50
IBC FIRESTOP INSPECTOR	\$	105.00
DRILLING COORDINATOR	\$	139.50
PROJECT REPRESENTATIVE III	\$	105.00
PROJECT REPRESENTATIVE II	\$	89.50
PROJECT REPRESENTATIVE I	\$	76.00
STRUCTURAL STEEL INSPECTOR	\$	105.00
AWS CERTIFIED WELD INSPECTOR	\$	105.00
PARTICLE & DYE TESTING - LEVEL II	\$	100.00
ADMINISTRATIVE ASSISTANT	\$	52.50

EXPENSES & EQUIPMENT CHARGES:

VEHICLE (3/4 TON OR LESS)	\$	0.70 /MILE
VEHICLE (SUBURBAN & 1 TON)	\$	0.80 /MILE
WATER TRUCK PER DAY	\$	81.00 /DAY
WATER TRUCK PER MILE	\$	0.77 /MILE
LIDAR SCANNER	\$	500.00 /DAY
MOBILE LIDAR	\$	1,000.00 /MILE (\$5,000 MIN)

GPS	\$	303.50 /DAY
ROBOTIC TOTAL STATION	\$	281.00 /DAY
DRONE	\$	447.50 /DAY
COPIES	\$	0.16 EACH
PRINTING PLANS	\$	0.56 /SF + TECH TIME

REIMBURSABLES

COST PLUS 15% - TRAVEL EXPENSES (INCLUDING MEALS & LODGING) OUTSIDE PRINTING, CONSUMABLE MATERIALS, AND SUBCONTRACTOR EXPENSES.

MINIMUM CHARGE

THERE IS A MINIMUM CHARGE OF 2 HOURS OF TECHNICIAN TIME PER JOB SITE VISIT, EXCEPT FOR CONCRETE CYLINDER AND SAMPLE PICKUP

OVERTIME (OVER 8 HOURS PER DAY OR SATURDAY, SUNDAY, AND HOLIDAY WORK) – 1.5 TIMES THE HOURLY RATE

HOURLY RATES - APPLY TO MEETING AND TRAVEL TIME, INCLUDING CONCRETE CYLINDER PICK-UP, FOR ALL PERSONNEL

DEPOSITION OR COURT TESTIMONY – 1.5 TIMES THE HOURLY RATE

HAZARDOUS OPERATION CHARGE:

FOR LEVEL C: 1.5 TIMES THE BASIC CHARGE; FOR LEVEL A & B: 2 TIMES THE BASIC CHARGES

FIELD TESTING AND INSPECTION CHARGES:

FIELD DENSITY (COMPACTION TEST)	.....	BASIC CHARGES + \$	9.50 /EACH
CONE PENETROMETER	.....	BASIC CHARGES + \$	18.00 /EACH
FLOOR FLATNESS EQUIPMENT	.....	BASIC CHARGES + \$	297.00 /EACH
DYNAMIC CONE PENETROMETER	.....	BASIC CHARGES + \$	29.50 /EACH
CORING EQUIPMENT CHARGES	.....	BASIC CHARGES + \$	118.50 /DAY
MAGNESIUM STRAIGHT EDGE	.....	BASIC CHARGES + \$	52.50 /DAY
ROLLING STRAIGHT EDGE	.....	BASIC CHARGES + \$	236.50 /DAY

LABORATORY TEST CHARGES:

AGGREGATES (ASTM)

	<u>UNIT CHARGE</u>
L.A. ABRASION, SMALL AGG. (C131)	\$ 151.00
L.A. ABRASION, LARGE AGG. (C535)	\$ 184.00
SULFATE SOUNDNESS TEST (C88): 5-CYCLE	\$ 254.00
SULFATE SOUNDNESS TEST (C88): 10-CYCLE	\$ 354.00
SULFATE SOUNDNESS TEST (C88): 20-CYCLE	\$ 500.00
SIEVE ANALYSIS, DRY AGG. (C136)	\$ 62.00
SIEVE ANALYSIS (C117)	\$ 75.50
SIEVE ANALYSIS (C117, C136)	\$ 93.50
SPECIFIC GRAVITY, FINE AGG. (C128)	\$ 68.50
SPECIFIC GRAVITY, COARSE AGG. (C127)	\$ 68.50
LIGHTWEIGHT PIECES IN AGG. (C123)	\$ 106.00
ORGANIC IMPURITIES (C40)	\$ 62.00
FLAT & ELONGATED PIECES (D4791)	\$ 93.50
DELETERIOUS MATLS (MODOT TM71)	\$ 82.00
CLAY LUMPS & FRIABLE PARTICLES (C142)	\$ 101.00
DRY RODDED UNIT WEIGHT (C29)	\$ 44.00

MASONRY TESTS (ASTM)

COMPRESSIVE STRENGTH 4" BLOCK	\$ 30.50
COMPRESSIVE STRENGTH 6" BLOCK	\$ 38.00
COMPRESSIVE STRENGTH 8" BLOCK	\$ 52.50
COMPRESSIVE STRENGTH 12" BLOCK	\$ 87.00
COMPRESSIVE STRENGTH MORT/GR CUBE	\$ 14.50
GROUT PRISM	\$ 14.50
MORTAR CYLINDER (2" X 4")	\$ 14.50
ABSORPTION, MASONRY BLOCK	\$ 50.50
LINEAR SHRINKAGE (SET OF 3)	\$ 379.00

BITUMINOUS TESTING

ASPHALT CONTENT	\$ 113.50
ASPHALT CONTENT & AGG. GRADATION	\$ 189.00
SIEVE ANALYSIS EXTRACTION	\$ 93.50
MARSHALL TEST, FIELD - 3 PUCKS	\$ 93.50
MARSHALL TEST, LAB - 3 PUCKS	\$ 138.50
RETAINED STABILITY	\$ 214.00
ASPHALT CORE DENSITY, EACH	\$ 30.50
THEORETICAL MAX. DENSITY	\$ 151.00

CONCRETE/ROCK CORE

CORE TRIM & TEST	\$ 50.25
THICKNESS (AASHTO T148/ASTM C174)	\$ 28.50

SOIL TESTS (ASTM)

	<u>UNIT CHARGE</u>
ATTERBERG LIMITS (D4318)	\$ 68.50
SWELL TEST, 1/16 TSF (D4546)	\$ 184.00
SWELL PRESSURE (D4546)	\$ 347.50
SHRINKAGE LIMIT (D4643)	\$ 68.50
MOISTURE CONTENT (2216)	\$ 7.50
SIEVE + HYDROMETER	\$ 170.00
HYDROMETER ONLY (D422)	\$ 93.50
USCS CLASSIFICATION	\$ 31.50
PERCENT PASSING #200	\$ 50.50
SPECIFIC GRAVITY (D845)	\$ 87.00
UNCONFINED COMPRESSION	\$ 60.00
UNCONFINED/TRIAXIAL, REMOLDED	\$ 93.50
TRIAxIAL TEST, PP, CU w/PP /POINT	\$ 368.50
ORGANIC MATTER (D2974-C)	\$ 62.00
PENETROMETER	\$ 5.50
SAMPLE PREP, PER HOUR	\$ 60.00
SHELBY TUBE DENSITY	\$ 38.00
RESISTIVITY, 1 POINT	\$ 73.50
RESISTIVITY, MINIMUM	\$ 84.00
PERMEABILITY, FALLING HEAD	\$ 453.50
PERMEABILITY, FLEXIBLE WALL	\$ 428.50
PERMEABILITY CONSOLIDATION TEST	\$ 189.00
CONSOLIDATION TEST, TO 8 TSF	\$ 480.00
CONSOLIDATION TEST, >8 TSF	\$ 62.00
CALIFORNIA BEARING RATIO, LAB, /PNT	\$ 126.00
Ph	\$ 62.00

LABORATORY COMPACTION TESTS

MOISTURE DENSITY RELATIONSHIP	
STD. PROCTOR (D698), MTH. A & B	\$ 181.50
STD. PROCTOR (D698), MTH. C	\$ 214.00
STD. PROCTOR (D698), 1 POINT	\$ 64.00
MOD. PROCTOR (D1557), MTH. A & B	\$ 221.50
MOD. PROCTOR (D1557), MTH. C	\$ 299.50
MOD. PROCTOR (D1557), 1 POINT	\$ 70.50
RELATIVE DENSITY	\$ 454.50

CONCRETE TESTING

4" X 8" OR 6" X 12" TEST MOLD	\$ 2.25
6" X 12" CYLINDER, TESTED AND MOLD	\$ 17.25
4" X 8" CYLINDER, TESTED AND MOLD	\$ 12.25
SAW CONCRETE CYLINDER	\$ 29.75
BEAM FLEXURAL STRENGTH	\$ 42.00
CONCRETE BEAM, NOT TESTEED	\$ 23.75
SAMPLE PREP, CLIENT MADE (5 CYLS.)	\$ 31.50



DRILLING SERVICES CHARGES:

	BASIC CHARGES
ENGINEER, STANDBY TIME, STAKEOUT CREW & OFFICE PERSONNEL	
MILEAGE - CME 55 RIGS (\$100 MINIMUM)	\$ 2.89 /MILE
MILEAGE - CME 75 RIGS (\$100 MINIMUM)	\$ 3.27 /MILE
MILEAGE - CME 550 RIGS (\$150 MINIMUM)	\$ 3.27 /MILE
CME 55 DRILL RIG AND TWO MAN CREW	\$ 211.00 /HOUR
CME 75 DRILL RIG AND TWO MAN CREW	\$ 245.50 /HOUR
CME 550 DRILL RIG AND TWO MAN CREW	\$ 245.50 /HOUR
CORE BIT CHARGE	\$ 6.92 /FOOT
ROCK CORE SET UP	\$ 86.05 /BORING
DECONTAMINATION EQUIPMENT	\$ 167.00 /DAY
GROUT MACHINE	\$ 278.50 /DAY
PLUG & BACKFILL BORINGS (UP TO 20 FT. DEPTH)	\$ 13.00 /EACH
ALL-TERRAIN DRILL RIG RENTAL SURCHARGE	\$ 334.00 /DAY
CME 55 EQUIPMENT RENTAL SURCHARGE	\$ 184.00 /DAY
CME 75 EQUIPMENT RENTAL SURCHARGE	\$ 236.50 /DAY
WATER TRUCK TANK & EQUIPMENT SURCHARGE	\$ 89.50 /DAY
RESISTIVITY, FIELD TESTING, EQUIPMENT	\$ 289.00 /DAY
DOWNHOLE, CAMERA, ROCK CORE	\$ 131.50 /DAY
MINIMUM DRILLING CHARGE	\$ 2,000.00 /DAY

DRILLING ITEM:

	<u>DEPTH:</u>				
	<u>0' TO 20'</u>	<u>20' TO 40'</u>	<u>40' TO 60'</u>	<u>60' TO 100'</u>	<u>100' TO 150'</u>
SOIL OVERBURDEN, 4 IN. AUGER	\$ 9.20	\$ 10.25	\$ 11.35	\$ 12.70	\$ -
SOIL OVERBURDEN, 6 IN. HS AUGER	\$ 11.10	\$ 12.70	\$ 13.75	\$ 15.40	\$ -
SOIL OVERBURDEN, 8 IN. HS AUGER	\$ 11.90	\$ 13.75	\$ 16.75	\$ 19.50	\$ -
SOIL OVERBURDEN, 10 IN. HS AUGER	\$ 12.70	\$ 19.50	\$ -	\$ -	\$ -
SOIL OVERBURDEN, 12 IN. HS AUGER	\$ 15.40	\$ 23.60	\$ -	\$ -	\$ -
ROCK PENETRATION	\$ 34.35	\$ 38.40	\$ 40.85	\$ 47.55	\$ 70.10
NQ CORING	\$ 44.65	\$ 47.55	\$ 53.55	\$ 61.65	\$ -
STANDARD PENETRATION TEST	\$ 25.40	\$ 31.60	\$ 38.70	\$ 44.65	\$ -
3IN. SHELBY TUBES	\$ 31.60	\$ 38.70	\$ 44.65	\$ 51.40	\$ -

NOTE: A HIGHER PRICE WILL APPLY WHEN THERE IS AN INCREASED RISK OF LOSING AUGERS OR BREAKING CORE BARRELS.





SERVICES



Civil Engineering

- Site Development
- Wastewater Collection and Treatment
- Water Supply, Distribution and Treatment
- Storm Water Collection Management
- Floodplain Analysis
- Transportation Engineering
- Bridges
- Industrial/Manufacturing Development
- Funding Application Assistance



Land Surveying

- Boundary Surveys
- Site, Topographic and Utility Surveys
- ALTA/ACSM Title Surveys
- GIS Services/Asset Management Services
- Construction Staking
- Job site Quantity Measurements
- Commercial Drone Services



Mobile LiDAR

- Certified through the Federal Aviation Administration
- Aerial Inspections
- Thermal Imaging
- Construction Site Progress
- Aerial Topography Photography



Geotechnical Services

- Explorations, Studies and Surveys
- Foundation Analysis and Design
- In-Situ Testing
- Exploratory Drilling
- Monitoring Wells and Piezometers
- Laboratory Testing and Analysis
- Mining and Sinkhole Investigations



Construction Materials Testing and Inspection

- AASHTO Certified Materials Testing Labs
- Concrete, Asphalt, Soil, Rock, Aggregate Testing
- Structural Steel and Welds Inspections
- Triaxial and Consolidation, Permeability Testing
- Contract Administration and Inspection



Structural Engineering

- Military and Industrial
- Components and Equipment Support
- Aircraft Hangers
- Residential
- Evaluations and Inspections
- Commercial and Public Facilities



Geographic Information Services

- Interactive Mapping Services
- Spatial Information Analysis
- Detailed Visualizations of Projects

AGENDA ITEM
February 2nd, 2021

Subject: Anderson Engineering Agreement

Department: Administration

The attached ordinance will approve a service agreement with Anderson Engineering of Joplin Missouri for miscellaneous engineering services.

The agreement provides for services on engineering projects of less than \$500,000 as provided under section 26-16(c) of the Nevada Municipal Code. Rates to be charged for services are included in the agreement. The recommended contract will be in effect until December 31, 2021.