CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

ITEM: **DATE: June 17, 2019**

Resolution - Approving Professional Services Agreement
Construction Testing Services

FINANCIAL IMPACT:

The cost of the Professional Services associated with construction testing services will not exceed $120,000.00. Billings will be invoiced at the rates shown in the scope of services including expenses for testing services. Costs for these services will be charged to the appropriate capital improvement accounts depending on the project. The accounts and ultimate funding sources will be determined by the Finance Director. Should the cost for the professional services be projected to exceed the amounts set forth in the contract, staff would not authorize such expenditures without further approval by the City Council.

BACKGROUND:

TEAM Services, Inc. submitted a Proposal on June 4, 2019 in response to a City-issued Request For Proposal (RFP). If agreeable to both parties, the contract may be increased by the Engineering News Record (ENR) construction cost index (percent increase from April to April) on an annual basis for up to three (3) years.

Approval of this action authorizes TEAM Services, Inc. to perform the professional services necessary for construction testing on behalf of the City for Capital Improvement Projects. Upon concurrence, the City Clerk is authorized to enter into the contract(s). The period of the contract(s) will not exceed 12 months unless agreed upon by both parties.

The Engineering Services Department retains design consultants based on their past work experience, qualifications of their staff, familiarity with the project, manpower availability, and past consultant evaluation. Once a firm has been selected based on the above criteria, the City staff then negotiates a fee with the consultant for performing the desired scope of services. The City staff attempts, whenever feasible, to distribute professional services work on an equitable basis to qualified firms maintaining local metropolitan area offices who have expressed interest in working for the City of West Des Moines.

This agenda item was distributed to the Public Services Subcommittee by e-mail only since there was no meeting.

OUTSTANDING ISSUES: None

RECOMMENDATION:

City Council Adopt:
- Resolution Approving Professional Services Agreement.

Lead Staff Member: Brian J. Hemesath, P.E., City Engineer

STAFF REVIEWS

Department Director	Brian J. Hemesath, City Engineer
Appropriations/Finance	Tim Stiles, Finance Director
Legal	Richard Scieszinki, City Attorney
Agenda Acceptance	

PUBLICATION(S) (if applicable)

Published In	
Dates(s) Published	

SUBCOMMITTEE REVIEW (if applicable)

Committee			
Date Reviewed			
Recommendation	Yes	No	Split

RESOLUTION APPROVING PROFESSIONAL SERVICES AGREEMENT

WHEREAS, funding is available for the following described public project:

Construction Testing Services
Project No. 0030-023-2019

and,

WHEREAS, the City from time-to-time has construction testing needs associated with Capital Improvement Projects; and,

WHEREAS, Engineering Services Department staff have recommended construction testing services be provided by a certified testing professional; and,

WHEREAS, the Engineering Services Department has obtained a written proposal from TEAM Services, Inc. to perform the work requested at an hourly rate not to exceed the amount shown below;

Basic Services of the Consultant **$ 120,000.00**

Therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that TEAM Services, Inc. is hereby directed to perform the work for construction testing services on an as-needed basis not to exceed a period of 12 months.

BE IT FURTHER RESOLVED, that the City Clerk is authorized and directed to enter into an agreement with TEAM Services, Inc. for the cost indicated above as payment by the City of West Des Moines for the services indicated.

PASSED AND APPROVED on this **17th** day of **June, 2019.**

Steven K. Gaer, Mayor

ATTEST:

Ryan T. Jacobson
City Clerk

AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES

This Agreement is made and entered into this 17th day of June, 2019, by and between the CITY OF WEST DES MOINES, a municipal corporation, hereinafter referred to as "City", and TEAM Services, Inc., (Fed. I.D. # 42-1416550), a professional corporation incorporated and licensed under the laws of the State of Iowa, party of the second part, hereinafter referred to as "Consultant" as follows:

THE CITY HEREBY AGREES TO RETAIN THE CONSULTANT FOR THE PROJECT AS DESCRIBED IN THIS AGREEMENT AND CONSULTANT AGREES TO PERFORM THE PROFESSIONAL SERVICES AND FURNISH THE NECESSARY DOCUMENTATION FOR THE PROJECT AS GENERALLY DESCRIBED IN THIS AGREEMENT.

1. SCOPE OF SERVICES

Services provided under this Agreement for Construction Testing Services (0030-023-2019) shall be as further described in Attachment 1, Scope of Services.

2. SCHEDULE

The schedule of the professional services to be performed shall conform to the Schedule set forth in Attachment 2. Any deviations from the Schedule shall be approved by the authorized City representative. The City agrees that the Consultant is not responsible for delays arising from a change in the scope of services, a change in the scale of the Project or delays resulting from causes not directly or indirectly related to the actions of the Consultant.

3. COMPENSATION

A. In consideration of the professional services provided herein, the City agrees to pay the Consultant the following sum NOT-TO-EXCEED, including any authorized reimbursable expenses, pursuant to the Schedule of Fees set forth in Attachment 3.

I. Basic Services of the Consultant $ 120,000

B. The Consultant shall invoice the City monthly for services, any reimbursable expenses and any approved amendments to this Agreement, based upon services actually completed at the time of the invoice. Final payment shall be due and payable within 30 days of the City's acceptance of Consultant's submission of final deliverables in accordance with the Scope of Services.

C. In consideration of the compensation paid to the Consultant, the Consultant agrees to perform all professional services to the satisfaction of the City by performing the professional services in a manner consistent with that degree of care and skill ordinarily exercised by members of Consultant's profession currently practicing under similar circumstances. If the performance of this Agreement involves the services of others or the furnishing of equipment, supplies, or materials, the Consultant agrees to pay for the same in full.

4. INSURANCE

A. Consultant understands and agrees that Consultant shall have no right of coverage under any and all existing or future City comprehensive, self or personal injury policies. Consultant shall provide insurance coverage for and on behalf of Consultant that will sufficiently protect Consultant or Consultant' representative(s) in connection with the professional services which are to be provided by Consultant pursuant to this Agreement, including protection from claims for bodily injury, death, property damage, and lost income. Consultant shall provide worker's compensation

insurance coverage for Consultant and all Consultant's personnel. Consultant shall file applicable insurance certificates with the City, and shall also provide evidence of the following additional coverage.

B. The Consultant shall provide evidence of comprehensive general liability coverage and contractual liability insurance by an insurance company licensed to do business in the State of Iowa in the limits of at least $1,000,000 each personal injury accident and/or death; $1,000,000 general aggregate personal injury and/or death; and $1,000,000 for each property damage accident. The evidence shall designate the City as an additional insured, and that it cannot be canceled or materially altered without giving the City at least thirty (30) days written notice by registered mail, return receipt requested.

C. The Consultant shall also provide evidence of automobile liability coverage in the limits of at least $1,000,000 bodily injury and property damage combined. The evidence shall designate the City as an additional insured, and that it cannot be cancelled or materially altered without giving the City at least thirty (30) days written notice by registered mail, return receipt requested.

D. The Consultant shall provide evidence of professional liability insurance, by an insurance company licensed to do business in the State of Iowa, in the limit of $1,000,000 for claims arising out of the professional liability of the Consultant. Consultant shall provide City written notice within five (5) days by registered mail, return receipt requested of the cancellation or material alteration of the professional liability policy.

E. Failure of Consultant to maintain any of the insurance coverages set forth above shall constitute a material breach of this Agreement.

5. NOTICE

Any notice to the parties required under this agreement shall be in writing, delivered to the person designated below, by United States mail or in hand delivery, at the indicated address unless otherwise designated in writing.

FOR THE CITY:

Name: City of West Des Moines
Attn: Ryan T. Jacobson, City Clerk
Address: 4200 Mills Civic Parkway
City, State: West Des Moines, IA 50265-0320

FOR THE CONSULTANT:

Name: TEAM Services, Inc.
Attn: Jeffrey Roberts
Address: 717 SE 6th Street
City, State: Des Moines, IA 50309

6. GENERAL COMPLIANCE

In the conduct of the professional services contemplated hereunder, the Consultant shall comply with applicable state, federal, and local law, rules, and regulations, technical standards, or specifications issued by the City. Consultant must qualify for and obtain any required licenses prior to commencement of work, including any professional licenses necessary to perform work within the State of Iowa.

7. STANDARD OF CARE

Services provided by the Consultant under this Agreement shall be performed in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances.

8. INDEPENDENT CONTRACTOR

Consultant understands and agrees that the Consultant and Consultant's employees and representatives are not City employees. Consultant shall be solely responsible for payment of

salaries, wages, payroll taxes, unemployment benefits, or any other form of compensation or benefit to Consultant or Consultant's employees, representatives or other personnel performing the professional services specified herein, whether it be of a direct or indirect nature. Further, it is expressly understood and agreed that for such purposes neither Consultant nor Consultant's employees, representatives or other personnel shall be entitled to any City payroll, insurance, unemployment, worker's compensation, retirement, or any other benefits whatsoever.

9. NON-DISCRIMINATION

Consultant will not discriminate against any employee of applicant for employment because of age, color, creed, disability, gender identity, national origin, race, religion, sex, sexual orientation, or veteran status. Consultant will, where appropriate or required, take affirmative action to ensure that applicants are employed, and that employees are treated, during employment, without regard to their age, color, creed, disability, gender identity, national origin, race, religion, sex, sexual orientation, or veteran status. Consultant will cooperate with the City in using Consultant's best efforts to ensure that Disadvantaged Business Enterprises are afforded the maximum opportunity to compete for subcontracts of work under this Agreement.

10. HOLD HARMLESS

Consultant agrees to indemnify and hold harmless the City, its officers, agents, and employees from any and all claims, settlements and judgments, to include all reasonable investigative fees, attorney's fees, and court costs for any damage or loss which is due to or arises from a breach of this Agreement, or from negligent acts, errors or omissions in the performance of professional services under this Agreement and those of its sub consultants or anyone for whom Consultant is legally liable.

11. ASSIGNMENT

Consultant shall not assign or otherwise transfer this Agreement or any right or obligations therein without first receiving prior written consent of the City.

12. APPROPRIATION OF FUNDS

The funds appropriated for this Agreement are equal to or exceed the compensation to be paid to Consultant. The City's continuing obligations under this Agreement may be subject to appropriation of funding by the City Council. In the event that sufficient funding is not appropriated in whole or in part for continued performance of the City's obligations under this Agreement, or if appropriated funding is not expended due to City spending limitations, the City may terminate this Agreement without further compensation to the Consultant. To the greatest extent allowed by law, the City shall compensate Consultant as provided in Section 18(B) of this Agreement.

13. AUTHORIZED AMENDMENTS TO AGREEMENT

A. The Consultant and the City acknowledge and agree that no amendment to this Agreement or other form, order or directive may be issued by the City which requires additional compensable work to be performed if such work causes the aggregate amount payable under the amendment, order or directive to exceed the amount appropriated for this Agreement as listed in Section 3, above, unless the Consultant has been given a written assurance by the City that lawful appropriation to cover the costs of the additional work has been made.

B. The Consultant and the City further acknowledge and agree that no amendment to this Agreement or other form, order or directive which requires additional compensable work to be performed under this Agreement shall be issued by the City unless funds are available to pay such additional costs, and the Consultant shall not be entitled to any additional compensation for any additional compensable work performed under this Agreement. The Consultant expressly waives any right to additional compensation, whether in law or equity, unless prior to commencing

the additional work the Consultant was given a written amendment, order or directive describing the additional compensable work to be performed and setting forth the amount of compensation to be paid, such amendment, order or directive to be signed by the authorized City representative. It is the Consultant's sole responsibility to know, determine, and ascertain the authority of the City representative signing any amendment, directive or order.

14. OWNERSHIP OF CONSULTING DOCUMENTS

All sketches, tracings, plans, specifications, reports, and other data prepared under this Agreement shall become the property of the City; a reproducible set shall be delivered to the City at no additional cost to the City upon completion of the plans or termination of the services of the Consultant. All drawings and data shall be transmitted in a durable material, with electronic files provided when feasible to do so. The Consultant's liability for use of the sketches, tracings, plans, specifications, reports, and other data prepared under this Agreement shall be limited to the Project.

15. INTERPRETATION

No amendment or modification of this Agreement shall be valid unless expressed in writing and executed by the parties hereto in the same manner as the execution of the Agreement. This is a completely integrated Agreement and contains the entire agreement of the parties; any prior written or oral agreements shall be of no force or effect and shall not be binding upon either party. The laws of the State of Iowa shall govern and any judicial action under the terms of this Agreement shall be exclusively within the jurisdiction of the district court for Polk County, Iowa.

16. COMPLIANCE WITH FEDERAL LAW

To the extent any federal appropriation has or will be provided for the Project, or any federal requirement is imposed on the Project, Consultant agrees that Consultant will comply with all relevant laws, rules and regulations imposed on City and/or Consultant necessary for receipt of the federal appropriation. Consultant shall provide appropriate certification regarding Consultant's compliance.

17. SOLICITATION AND PERFORMANCE

A. The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working for the Consultant, to solicit or secure this Agreement, and that the Consultant has not paid or agreed to pay any company or person other than a bona fide employee, any fee, commission, percentage, brokerage fee, gift or contingent fee.

B. The Consultant shall not engage the services of any person or persons in the employ of the City at the time of commencing such services without the written consent of the City.

18. SUSPENSION AND TERMINATION OF AGREEMENT

A. The right is reserved by the City to suspend this Agreement at any time. Such suspension may be effected by the City giving written notice to the Consultant, and shall be effective as of the date established in the suspension notice. Payment for Consultant's services shall be made by the City for services performed to the date established in the suspension notice. Should the City reinstate the work after notice of suspension, such reinstatement may be accomplished by thirty (30) days written notice within a period of six (6) months after such suspension, unless this period is extended by written consent of the Consultant.

B. Upon ten (10) days written notice to the Consultant, the City may terminate the Agreement at any time if it is found that reasons beyond the control of either the City or Consultant make it impossible or against the City's interest to complete the Agreement. In such case, the Consultant shall have no claims against the City except for the value of the work performed up to the date the Agreement is terminated.

C. The City may also terminate this Agreement at any time if it is found that the Consultant has violated any material term or condition of this Agreement or that Consultant has failed to maintain workers' compensation insurance or other insurance provided for in this Agreement. In the event of such default by the Consultant, the City may give ten (10) days written notice to the Consultant of the City's intent to terminate the Agreement. Consultant shall have ten (10) days from notification to remedy the conditions constituting the default.

D. In the event that this Agreement is terminated in accordance with paragraph C of this section, the City may take possession of any work and may complete any work by whatever means the City may select. The cost of completing said work shall be deducted from the balance which would have been due to the Consultant had the Agreement not been terminated and work completed in accordance with contract documents.

E. The Consultant may terminate this Agreement if it is found that the City has violated any material term or condition of this Agreement. In the event of such default by the City, the Consultant shall give ten (10) days written notice to the City of the Consultant's intent to terminate the Agreement. City shall have ten (10) days from notification to remedy the conditions constituting the default.

19. TAXES

The Consultant shall pay all sales and use taxes required to be paid to the State of Iowa on the work covered by this Agreement. The Consultant shall execute and deliver and shall cause any sub-consultant or subcontractor to execute and deliver to the City certificates as required to permit the City to make application for refunds of said sales and use taxes as applicable. The City is a municipal corporation and not subject to state and local tax, use tax, or federal excise taxes.

20. SEVERABILITY

If any portion of this Agreement is held invalid or unenforceable by a court of competent jurisdiction, the remaining portions of this Agreement shall continue in full force and effect.

21. MISCELLANEOUS HEADINGS

Title to articles, paragraphs, and subparagraphs are for information purposes only and shall not be considered a substantive part of this Agreement.

22. FURTHER ASSURANCES

Each party hereby agrees to execute and deliver such additional instruments and documents and to take all such other action as the other party may reasonably request from time to time in order to effect the provisions and purposes of this Agreement.

23. COUNTERPARTS

This Agreement may be executed in any number of counterparts, each of which shall constitute an original document, no other counterpart needing to be produced, and all of which when taken together shall constitute the same instrument.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized officers or agents on the day and year first above written.

CONSULTANT	CITY OF WEST DES MOINES
BY: _____	BY: _____
Jeffery Roberts, President	Ryan T. Jacobson, City Clerk

ATTACHMENT 1

SCOPE OF SERVICES

See proposal included.

A2LA ISO 17025 Accredited Cert. 576.01
Validated by the U.S. Army Corps of Engineers

TEAM Services
Geotechnical | Construction Materials

1. COVER LETTER

PROPOSAL FOR

2019-2020 PROFESSIONAL ENGINEERING SERVICES
CONSTRUCTION TESTING SERVICES
CITY OF WEST DES MOINES

City Engineer
City of West Des Moines
4200 Mills Civic Parkway
West Des Moines, Iowa 50265

No. of Copies: 1

Jeffrey Roberts
President
TEAM Services, Inc.

717 S.E. 6th St. Des Moines, IA 50309 (515)282-8818 fax: (515)282-8741 teamservices.com staff@teamservices.com
Des Moines • Omaha • Ft Dodge • Spirit Lake • Mason City • Cedar Rapids • Waterloo • Davenport • Dubuque • Kahoka, MO

2. PROJECT TEAM

TEAM Services trains continually, using internal work review policies and a formal training program. Our principal engineers and supervising engineers or architect are often in the field alongside company drillers and field technicians. TEAM Services personnel routinely maintain certification as materials testers with the Iowa Department of Transportation, American Concrete Institute, and International Code Council, along with the appropriate environmental safety training and certification with other state and national agencies.

The heart of any consulting organization is its staff. Our engineering technicians, professional, and support staff possess many years' experience. The high level of education, experience and background of our personnel, coupled with our "Partnering" approach, gives us the edge.

Our team of dedicated and experienced personnel shall include, but not be limited to, the following staff:

Andy Eisinger, Scheduling contact 515-282-8818 or cell 515-238-4884
Construction Services Manager, Project Manager and Coordinator
IDOT Certified Concrete Technician - Level 1, Certificate No. SE 574
IDOT Certified Soils Technician, Certificate No. SE 574
IDOT Certified Aggregate – Levels 1 and 2, Certificate No. SE 574
ACI Concrete Field Testing Technician – Grade 1, Certificate No.01280390
Radiation Safety and Nuclear Gauge Technology
Colorado Professional Geologist

Dave Hansel, E.I., CWI
Field Engineer
ICC/IBC Certified Special Inspector
AWS CWI Welding Inspector No. 05030211
Iowa DOT Aggregate Level 1-2, PCC Level 1
E.I.: Engineering and Land Surveying Examining Board, January 24, 1997.
Certified in Radiation Safety and Nuclear Gauges

Robert Doss, P.E.
Principal Engineer
P.E. Civil Engineering, IA, IL, IN, MI, MO, MN, NE, OH, SD, WI
Iowa Engineering Society
American Society of Civil Engineers
National Society of Professional Engineers
Structural Engineers Association of Iowa

Clinton Halverson, P.E.
Project Manager
P.E. Civil Engineering, IA

Jeffrey Roberts, ICC, Assoc. AIA
President, Quality Manager, Master of Special Inspection
Iowa DOT Aggregate Level 1-2
Iowa DOT PCC Level 1-2
Iowa DOT HMA Level 1
The American Institute of Architects
ICC Certified Master of Special Inspection
Certified in Radiation Safety and Nuclear Gauges.
IBM Professional Certification - Certified Solutions Expert

List of field technicians holding current IDOT

Adams, Michael	AGG1, AGG2
Ardon, Richard	AGG1, AGG2, PCC1
Ascherl, Michael	AGG1, AGG2, PCC1, PCC2, PROFILE, ACI
Bivines, Damion	AGG1, AGG2, PCC1, PCC2, SOILS
Bryant, Steve	AGG1, AGG2, PCC1, PCC2, HMA1, SOILS, ACI
Carlson, Clint	AGG1, AGG2, PCC1, PCC2, HMA-SAMPLING, SOILS
Eisinger, Andrew	AGG1, AGG2, PCC1, PCC2, SOILS, ACI
Gould, Neal	AGG1, AGG2, PCC1, PCC2
Hansel, Dave	ACI, ICC
Peel, Courteney	AGG1, AGG2, PCC1, PCC2, PCC3, HMA1, HMA2, SOILS
Ramos, Emiliano	AGG1, AGG2
Reynolds, Zach	AGG1, AGG2, PCC1, PCC2, SOILS, ACI
Rice, Kale	AGG1, AGG2
Stiles, Cory	AGG1, AGG2, PCC1, SOILS, ACI

Refer to the IDOT Laboratory Certification, A2LA Accreditation, and U.S. Army Corps of Engineers Validation appended to the end of the proposal.

3. PROJECT EXPERIENCE

TEAM Services has provided geotechnical, testing and/or inspection services on numerous similar projects in the Midwest over the past 24 years, with over 350 projects with city agencies and 20 projects with county agencies in Central Iowa and 700 projects with city agencies and 200 projects with county agencies companywide over the past five years.

Current Central Iowa contracts with the City of West Des Moines, Iowa, West Des Moines Water Works, City of Johnston, Iowa, City of Urbandale, Iowa, City of Waukee, Iowa, and City of Des Moines WRA.

Central Iowa projects over the past five years with cities of Ankeny, Bondurant, Boone, Creston, Cumming, Des Moines, Exira, Fontanelle, Granger, Greenfield, Grinnell, Huxley, Indianola, Madrid, Marshalltown, Newton, Osceola, Oskaloosa, Iowa, and the West Des Moines Perks and Recreation Department.

4. RESTRICTIONS AND LIMITATIONS

No personnel or company restrictions to perform the services under this contract's scope.

5. REFERENCES

John Larson
City of Urbandale, Iowa
3600 86th Street
Urbandale, IA 50322
515-278-3930
jlarson@urbandale.org

Dave Cubit
Johnston, Iowa Public Works Department
6400 NW Beaver Drive
Johnston, IA 50131
515-278-0822
dcubit@ci.johnston.ia.us

Kevin Vrchoticky
City of Waukee Public Works
230 Hwy 6
Waukee, IA 50263
515-987-4363
kvrchoticky@waukee.org

Nicholas Carter
City of Des Moines Engineering - WRA
3000 Vandalia Road
Des Moines, IA 50317
515-323-8000
nfcarter@dmgov.org

6. COSTS

ATTACHMENT A
REQUESTED SERVICES

ITEM	UNIT	UNIT COST
Principal Engineer	HR	75.00
Project Engineer	HR	47.00
Senior Engineering Technician	HR	37.50
Engineering Technician	HR	35.00
Clerical	HR	0.00
Modified Proctor	EA	47.00
One Point Proctor – Standard	EA	9.75
Standard Proctor	EA	45.00
Sieve Analysis (Includes #200)	EA	35.00
Atterberg Limits	EA	21.00
Concrete Slump & Air	EA	0.00
Concrete Cores (Cut & 9-Point)	EA	26.00
Compressive Strength of Cylinders – 6"x 12"		
Make Test Cylinder (includes mold)	EA	0.00
Cure, Prepare & Test Cylinder	EA	6.00
4"x 12" Cylinder Molds Only	EA	0.50
Flexural Strength of Concrete Beams		
Make Beams	EA	0.00
Cure, Prepare & Test Beams	EA	9.30
Asphalt Core Density – Field Cut	EA	25.00
Cancellation Call for Moisture & Density	EA	0.00

NOTES:

1. Concrete core: Includes all equipment, materials, and labor (Cut, Patch, and 9 Point)
2. Holiday and overtime rates will not be permitted.
3. Mileage and other reimbursable expenses shall not be paid separately.
4. All invoices shall include City of West Des Moines:
    a. Project Number ex: 0510-017-2000
    b. Project Name ex: 50th Street Reconstruction Project

April 17, 2014
Superseded October 16, 2012

Matls. IM 208
Appendix B

Iowa Department of Transportation

MATERIALS LABORATORY QUALIFICATION PROGRAM
Laboratory Inspection - per Materials Instructional Memorandum 208

Company Name: Team Services Inc

Laboratory name: Team Services Inc [illegible]

Laboratory type: Aggregate HMA PCC Soils (Circle one)

Laboratory location: [illegible]

Laboratory contact person: Jeff Roberts

Laboratory technician: [illegible] Certification number: Expires:

Current manuals and written test procedures available? yes

Current calibration procedures and records? yes

Documentation of correlation results and corrective actions taken for previous construction season? yes

Proper equipment available to perform qualified testing? yes

Other remarks:

Date of inspection: 4/17/19 Qualification expiration date: 4/17/20

Inspection performed by: Allen Leary
Print name
Sign name

Inspection received by: Jeffrey Roberts
Print name
Sign name

District Number 1

cc: Materials Engineer, Contractor/Producer, Ames, File

4

VR 2018

Accredited Laboratory

A2LA has accredited

TEAM SERVICES, INC.

Des Moines, IA

for technical competence in the field of

Construction Materials Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).

Presented this 11th day of March 2019

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0576.01
Valid to April 30, 2021

For the tests to which this accreditation applies, please refer to the laboratory's Construction Materials Scope of Accreditation.

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

TEAM SERVICES, INC.
717 SE 6th Street
Des Moines, IA 50309
Jeff Roberts Phone: 515 282 8818

Valid To: April 30, 2021 Certificate Number: 0576.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory for:

CONSTRUCTION MATERIALS ENGINEERING

ASTM: C1077 (Laboratories Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation);
D3666 (Agencies Testing and Inspecting Road and Paving Materials);
D3740 (Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction);
E329 (Agencies Engaged in Construction Inspection and/or Testing);
E543 (Agencies Performing Nondestructive Testing)

CONSTRUCTION MATERIALS TESTING

Test Method:	Test Description:
Aggregates:	
ASTM C29	Bulk Density ("Unit Weight") and Voids in Aggregate
ASTM C40	Organic Impurities in Fine Aggregates for Concrete
ASTM C70	Surface Moisture in Fine Aggregate
ASTM C117	Materials Finer than 75µm (No. 200) Sieve in Mineral Aggregates by Washing
ASTM C127	Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate
ASTM C128	Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate
ASTM C131	Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
ASTM C136	Sieve Analysis of Fine and Coarse Aggregates (*except using 12.5 mm and 9.5mm sieves*)
ASTM C535	Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
ASTM C566	Total Evaporable Moisture Content of Aggregate by Drying
ASTM C702	Reducing Samples of Aggregate to Testing Size
ASTM D75*	Sampling Aggregates
ASTM D4791	Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate
ASTM D5821	Determining the Percentage of Fractured Particles in Coarse Aggregate
ASTM C1252	Uncompacted Void Content of Fine Aggregate

(A2LA Cert. No. 0576.01) 03/11/2019 Page 1 of 4

5202 Presidents Court, Suite 220 | Frederick, MD 21703-8515 | Phone: 301 644 3248 | Fax: 240 454 9449 | www.A2LA.org

Test Method:	**Test Description:**
Bituminous:	
ASTM D75	Sampling Aggregates
ASTM D979*	Sampling Bituminous Paving Mixtures
ASTM D2041	Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures
ASTM D2726	Bulk Specific Gravity and Density of Non-Absorptive Compacted Bituminous Mixtures
ASTM D2950*	Density of Bituminous Concrete in Place by Nuclear Methods
ASTM D3203	Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures
ASTM D3549*	Thickness or Height of Compacted Bituminous Paving Mixture Specimens
ASTM D3665	Random Sampling of Construction Materials
ASTM D4867/D4867M	Effect of Moisture on Asphalt Concrete Paving Mixtures
ASTM D6307	Asphalt Content of Hot Mix Asphalt by Ignition Method
ASTM D6925	Preparation and Determination of the Relative Density of Hot Mix Asphalt (HMA) Specimens by Means of the Superpave Gyratory Compactor
ASTM D6926	Preparation of Bituminous Specimens Using Marshall Apparatus
ASTM D6927	Marshall Stability and Flow of Bituminous Mixtures
ASTM D5444	Mechanical Analysis of Extracted Aggregate
AASHTO TP4	Preparing and Determining the Density of Hot Mix Asphalt (HMA) Specimens by Means of Superpave Gyratory Compactor
Cement:	
ASTM C109/C109M *(Compression only)*	Compressive Strength of Hydraulic Cement Mortars (Using 2 in. or [50 mm] Cube Specimens)
Concrete:	
ASTM C31/C31M*	Making and Curing Concrete Test Specimens in the Field
ASTM C39/C39M	Compressive Strength of Cylindrical Concrete Specimens
ASTM C42/C42M	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete
ASTM C78/C78M*	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)
ASTM C138/C138M*	Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete
ASTM C143/C143M*	Slump of Hydraulic-Cement Concrete
ASTM C172/C172M*	Sampling Freshly Mixed Concrete
ASTM C173*	Air Content of Freshly Mixed Concrete by the Volumetric Method
ASTM C174/C174M	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores
ASTM C192/C192M	Making and Curing Concrete Test Specimens in the Laboratory
ASTM C231/C231M*	Air Content of Freshly Mixed Concrete by the Pressure Method
ASTM C293/C293M	Flexural Strength of Concrete (Using Simple Beam With Center-Point Loading)
ASTM C617	Capping Cylindrical Concrete Specimens
ASTM C805/C805M*	Rebound Number of Hardened Concrete
ASTM C1064/C1064M*	Temperature of Freshly Mixed Hydraulic-Cement Concrete

Test Method:	**Test Description:**
Concrete (continued):	
ASTM C1231/C1231M	Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders
ASTM E1155	Determining Floor Flatness(F_F) and Floor Levelness(F_L) Numbers
Fireproofing:	
ASTM E605	Thickness and Density of Sprayed Fire-Resistive Material (SFRM) Applied to Structural Members
ASTM E736	Cohesion/Adhesion of Sprayed Fire-Resistive Materials Applied to Structural Members
Masonry:	
ASTM C140	Sampling and Testing Concrete Masonry Units and Related Units
ASTM C780* (*Annex 1 & 7*)	Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry
ASTM C1019*	Sampling and Testing Grout
ASTM C1314	Standard Test Method for Compressive Strength of Masonry Prisms
Nondestructive Testing:	
ASTM E165 (Visible)	Liquid Penetrant
ASTM E1444 (Yoke – Visible Dry Powder, AC/DC)	Magnetic Particle
Soils:	
ASTM D421	Dry Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants
ASTM D7928	Standard Test Method for Particle Size Analysis of Soils
ASTM D698	Laboratory Compaction Characteristics of Soil Using Standard Effort
ASTM D1140	Amount of Material in Soils Finer than No. 200 (75 µm) Sieve
ASTM D1556*	Density and Unit Weight of Soil in Place by Sand-Cone Method
ASTM D1557	Laboratory Compaction Characteristics of Soil Using Modified Effort
ASTM D1883	CBR (California Bearing Ratio) of Laboratory-Compacted Soils
ASTM D2166	Unconfined Compressive Strength of Cohesive Soil
ASTM D2216	Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass
ASTM D2419	Sand Equivalent Value of Soils and Fine Aggregate
ASTM D2435	One-Dimensional Consolidation Properties of Soils Using Incremental Loading
ASTM D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System)
ASTM D2488*	Description and Identification of Soils (Visual-Manual Procedure)
ASTM D3080	Direct Shear Test of Soils Under Consolidated Drained Conditions
ASTM D2850	Unconsolidated-Undrained Triaxial Compression Test on Cohesive Soils
ASTM D4253	Maximum Index Density and Unit Weight of Soils Using a Vibratory Table
ASTM D4254	Minimum Index Density and Unit Weight of Soils and Calculation of Relative Density

Test Method:	**Test Description:**
Soils (continued):	
ASTM D4318	Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils
ASTM D4643	Determination of Water (Moisture) Content of Soil by Microwave Oven Heating
ASTM D4718	Unit Weight and Water Content for Soils Containing Oversize Particles
ASTM D4767	Consolidated Undrained Triaxial Compression Test for Cohesive Soils
ASTM D6938*	In-Place Density and Water Content of Soil and Soil Aggregate by Nuclear Methods (Shallow Depth)
Steel (Shop & Field)*:	
AWS D1.1:2008 (Chapter 6, Inspection)	Fabrication & Erection – Visual Welding
AISC 360 (Chapter N, QA/AC Fabrication & Erection)	Specification for Structural Steel Buildings – Fabrication and Erection
RCSC (Section 9, Inspection)	Specification for Structural Joints Using High-Strength Bolts

* This laboratory meets A2LA *R104 – General Requirements: Accreditation of Field Testing and Field Calibration Laboratories* for these tests.

(A2LA Cert. No. 0576.01) 03/11/2019

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DEPARTMENT OF THE ARMY
ENGINEER RESEARCH AND DEVELOPMENT CENTER, CORPS OF ENGINEERS
GEOTECHNICAL AND STRUCTURES LABORATORY
WATERWAYS EXPERIMENT STATION, 3909 HALLS FERRY ROAD
VICKSBURG, MISSISSIPPI 39180-6199

September 19, 2018

Reply to the Attention of:

Concrete and Materials Branch

Jeff Roberts
Team Services, Inc.
717 S. E. 6th Street
Des Moines, IA 50309

Dear Mr. Roberts:

An inspection of your materials testing laboratory was performed on July 10, 2018. You provided deficiency corrections to the Materials Testing Center (MTC) on September 13, 2018. These deficiency corrections were compared to the ASTM Standards for compliance and found to be satisfactory.

Your Quality System meets the requirements of the U.S. Army Corps of Engineers. The material test methods that you are validated to perform for the U.S. Army Corps of Engineers are:

Aggregate Tests: ASTM C117, C127, C128, C131, C136, C535, C702, C1077, and D75.

Bituminous Tests: ASTM D140, D2041, D2726, D3203, D3666, D5444, D6925, and D6927.

Concrete Tests: ASTM C31, C39, C138, C143, C172, C231, C470, C511, C1064, C1077, and C1231.

Masonry Tests: ASTM C780, C1019, and C1093.

Soil Tests: ASTM D422, D698, D1556, D1557, D1883, D2216, D2487, D3740, D4253, D4318, D4643, and D6938.

We will add your laboratory to the list of commercial laboratories qualified to conduct material tests for the U.S. Army Corps of Engineers; see the MTC page at www.erdc.usace.army.mil/Media/FactSheets/FactSheetArticleView/tabid/9254/Article/476661/materials-testing-center.aspx. All Corps offices will be notified of this decision and will have the opportunity to use your services. Team Services, Inc. Des Moines, IA will remain on our list of laboratories qualified to conduct material tests until **July 10, 2020** two (2) years from the date of the inspection.

Sincerely,

Chad Gertrell, PE
Director
Materials Testing Center

Copy Furnished:
Omaha District, Sean Geese

2019-2020 PROFESSIONAL ENGINEERING SERVICES
CONSTRUCTION TESTING SERVICES
CITY OF WEST DES MOINES

End of Proposal

ATTACHMENT 2

PROJECT SCHEDULE

The project schedules will vary depending on the specific work tasks required.

ATTACHMENT 3

SCHEDULE OF FEES

ITEM	UNIT	UNIT COST
Principal Engineer	HR	75.00
Project Engineer	HR	47.00
Senior Engineering Technician	HR	37.50
Engineering Technician	HR	35.00
Clerical	HR	0.00
Modified Proctor	EA	47.00
One Point Proctor – Standard	EA	9.75
Standard Proctor	EA	45.00
Sieve Analysis (Includes #200)	EA	35.00
Atterberg Limits	EA	21.00
Concrete Slump & Air	EA	0.00
Concrete Cores (Cut & 9-Point)	EA	26.00
Compressive Strength of Cylinders – 6"x 12"		
Make Test Cylinder (includes mold)	EA	0.00
Cure, Prepare & Test Cylinder	EA	6.00
4"x 12" Cylinder Molds Only	EA	0.50
Flexural Strength of Concrete Beams		
Make Beams	EA	0.00
Cure, Prepare & Test Beams	EA	9.30
Asphalt Core Density – Field Cut	EA	25.00
Cancellation Call for Moisture & Density	EA	0.00

NOTES:

1. Concrete core: Includes all equipment, materials, and labor (Cut, Patch, and 9 Point)
2. Holiday and overtime rates will not be permitted.
3. Mileage and other reimbursable expenses shall not be paid separately.
4. All invoices shall include City of West Des Moines:
   a. Project Number ex: 0510-017-2000
   b. Project Name ex: 50th Street Reconstruction Project