February 26, 2024

Arizona Department of Transportation
Engineering Consultants Section
205 S. 17th Ave., Mail Drop 616E
Phoenix, Arizona 85007

Re: Statement of Qualifications Package Contract Number: 2024-004
Statewide On-Call Structural Steel Fabrication Inspection

To Whom It May Concern,

Bureau Veritas North America, Inc. (BVNA) is pleased to submit this response to the Arizona Department of Transportation's (ADOT) Statewide On-Call Structural Steel Fabrication Inspection, Contract Number: 2024-004. BVNA confirms that we would like to continue servicing ADOT with an award of this proposed contract number 2024-004, just as we have done for the past five years on contract 2020-011 and on contract 2014-009 prior to the current contract. As per the instructions for submittal in the Request for Qualifications (RFQ) package, we are submitting our proposal electronically. Our submittal follows the format specified in the SOQ Format and Evaluation Criteria in ADOT's announcement.

ADOT can rest assured that BVNA understands, and is extremely capable of continuing to achieve ADOT's overall objective for this contract - to realize both economic value and life safety by ensuring that the work of the contractor conforms to the provisions of the contract documents. BVNA is prepared to continue to represent the interests of ADOT by executing a quality assurance program that includes BV's proven Project Approach, which is based upon "lessons learned" gained during the execution of the current ADOT contract, as well as for multiple DOT contracts for similar scopes of service.

Our team of talented individuals possess the necessary expertise, ADOT experience and credentials to meet ADOT's expectations for this contract. Our team continues to be led by the Project Manager, Mr. Jeff Comparato, P.E. Mr. James Critcher, a BVNA employee, will hold BVNA's BTR registration (AZ 29548) and will work in conjunction with key personnel as needed and required. BVNA's Key Personnel are fully committed to providing these services, to the extent necessary to meet ADOT's quality and schedule expectations, for the duration of the contract.

BVNA is confident that our Project Team has the experience and technical expertise to continue to deliver services that will enhance overall quality during the construction of ADOT projects. There are significant advantages to selecting Bureau Veritas to represent the quality assurance interests of ADOT. These include, but are not limited to:

- BVNA has a proven track record with ADOT, with the current contract performance delivering solid results and value. ADOT will continue to benefit from our familiarity with personnel capabilities and manufacturing processes of numerous fabrication facilities; which increases the likelihood of identifying nonconforming conditions as early in the process as possible and getting them corrected immediately with minimal disruption to the fabrication schedule and cost.
- Bureau Veritas (BV) is a nearly $6 Billion international company with over 70,000 employees that possess the technical knowledge, skills and expertise to ensure that our participation in this project will lead to a successful conclusion. BVNA's Transportation and Infrastructure (T&I) Division, which will be servicing this contract, has specialized in quality assurance services for over 125 years.
- With the strategic location of our 80 offices and laboratories in the U.S. and Canada, BVNA provides clients local access to our 3,500+ inspectors, technicians, engineers, and experts. This large number of BVNA inspectors, technicians, engineers, and experts includes CWI, NDT, NACE/AAMP/SSPC, ACI, and PCI Inspectors with specific QA/QC bridge shop fabrication and field experience located within the U.S. If the need arises, our T&I Division can draw upon the additional resources within BVNA organization.
- BV is an ISO 9001:2015, ISO 14001:2015 certified company, assuring ADOT that our Project Team has the internal quality systems, culture, and personnel in-place to continue to assure the quality of the services that we will be providing ADOT.
- BV's approach allows us to minimize inspection hours per component to maximize inspection coverage per dollar spent. BV already has numerous Inspectors at facilities most often selected to fabricate materials for ADOT projects. In addition, our Inspectors can transition seamlessly from the current to the new contract, thus eliminating any learning curve, and continuing to maximize return on each inspection dollar spent.

BVNA is not registered as a DBE Consultant. We thank you for your consideration and we ask that you please feel free to contact us for any additional information you may require. Please contact Steven Barton, Director of Operations: (412) 996-4427. Email: steven.barton@bureauveritas.com.

Regards,

Steven Barton

Steven Barton
Director of Operations Transportation and Infrastructure

Engineering Consultants Section
SOQ Proposal Certifications Form

Contract #: 2024-004 Consultant Name: Bureau Veritas North America, Inc.

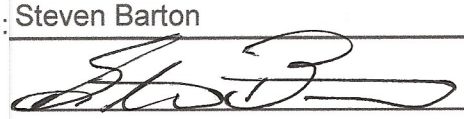
Please read the fifteen (15) statements below. The statements are to ensure Consultants are aware and in agreement with Federal, State and ECS guidelines related to the award of this contract. Consultants shall submit the specific Certification form attached to each RFQ advertised, as revisions to the form may occur from time to time. Failure to sign and submit the certification form specified in the RFQ with the SOQ proposal will result in the SOQ proposal being rejected.

Submission of the SOQ by the Consultant certifies that to the best of its knowledge:

1.	The Consultant and its subconsultants have not engaged in collusion with respect to the contract under consideration.
2.	The Consultant, its principals and subconsultants have not been suspended or debarred from doing business with any government entity.
3.	The Consultant shall have the proper Arizona license(s) and registration(s) for services to be performed under this contract. Furthermore, the Consultant shall ensure that all subconsultants have the proper Arizona license(s) and registration(s) for services to be performed under this contract.
4.	The Consultant's signature on any SOQ proposal, negotiation document or contract constitutes that a responsible officer of the Consultant has read and understands its contents and is empowered any duly authorized on behalf of the Consultant to do so.
5.	The Consultant's Project Team members are employed by the Consultant on the date of submittal.
6.	All information and statements written in the proposal are true and accurate and that ADOT reserves the right to investigate, as deemed appropriate, to verify information contained in proposals.
7.	Key members of the Project Team, including subconsultants, are currently licensed to provide the required services as requested in the RFQ package.
8.	All members of the Project Team who are former ADOT employees did not have or provide information that gives the Consultant a competitive advantage; and either (1) concluded their employment with ADOT at least 12 months before the date of the SOQ or (2) have not made any material decisions about this project while employed by ADOT.
9.	Work, equating **at least 51%** of the contract value, shall be completed by the Consultant unless otherwise specified in the SOQ or contract.
10	No Federally appropriated funds have been paid or shall be paid, by or on behalf of the Consultant for the purpose of lobbying.
11.	The Consultant understands that it is required to have a compliant accounting system, in accordance with Generally Accepted Accounting Principles (GAAP), Federal Acquisition Regulation (FAR) of Title 48, Code of Federal Regulations (CFR)-Part 31, applicable Cost Accounting Standards (CAS), and ADOT Advance Agreement Guideline.
12.	If project is funded with Federal Aid funds, the Consultant affirmatively ensures that in any subcontract entered into pursuant to this advertisement, Disadvantaged Business Enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award, in accordance with Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations.
13.	The Consultant shall utilize all Project Team members, subconsultants and DBE firms, if applicable, submitted in the SOQ, and shall not add other Project Team members or subconsultants, unless the Consultant has received prior written approval from ADOT.
14.	The Consultant shall either meet its DBE goal commitment and any other DBE commitments or make Good Faith Efforts to meet the DBE goal commitments as stated in its SOQ proposal or Cost Proposal and shall report on a timely basis its DBE utilization as detailed in the contract.
15.	If selected, the Consultant is committed to satisfactorily carry out the Consultant's commitments as detailed in the contract and its SOQ proposal.

I hereby certify that I have read and agree to adhere to the fifteen (15) statements above and/or that the statements are true to the best of my knowledge as a condition of award of this contract.

Print Name: Steven Barton Title: Director of Operations

Signature:  Date: 2/23/2024

Revised 2/11/2022

ARIZONA DEPARTMENT OF TRANSPORTATION
ENGINEERING CONSULTANTS SECTION
PARTICIPATION IN BOYCOTT OF ISRAEL - CONSULTANT CERTIFICATION FORM
ADOT ECS Contract No.: 2024-004

This Certification is required in response to legislation enacted to prohibit the State from contracting with companies currently engaged in a boycott of Israel. To ensure compliance with A.R.S. §35-393, this form must be completed and returned with any response to a solicitation (SOQ), Contract Cost Proposals, and Contract Time Extensions. The Consultant understands that this response will become public record and may be subject to public inspection.

Please note that if any of the following apply to this Solicitation, Contract, or Contractor, then the Offeror shall select the "Exempt Solicitation, Contract, or Contractor" option below:

- The Solicitation or Contract has an estimated value of less than $100,000;
- Contractor is a sole proprietorship;
- Contractor has fewer than ten (10) employees; OR
- Contractor is a non-profit organization.

Pursuant to A.R.S. §35-393.01, public entities are prohibited from entering into contracts "unless the contract includes a written certification that the company is not currently engaged in, and agrees for the duration of the contract to not engage in, a boycott of goods or services from Israel."

Under A.R.S. §35-393:

1. "Boycott" means engaging in a refusal to deal, terminating business activities or performing other actions that are intended to limit commercial relations with entities doing business in Israel or in territories controlled by Israel, if those actions are taken either:

   (a) Based in part on the fact that the entity does business in Israel or in territories controlled by Israel.
   (b) In a manner that discriminates on the basis of nationality, national origin or religion and that is not based on a valid business reason.

2. "Company" means an organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company or other entity or business association, including a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate, that engages in for-profit activity and that has ten or more full-time employees.

...

5. "Public entity" means this State, a political subdivision of this State or an agency, board, commission or department of this State or a political subdivision of this State.

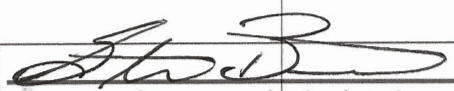
The certification below does not include boycotts prohibited by 50 United States Code Section 4842 or a regulation issued pursuant to that section. *See* A.R.S. §35-393.03.

In compliance with A.R.S. §§35-393 *et seq.*, all offerors must select one of the following:

☑ The Company submitting this Offer **does not** participate in, and agrees not to participate in during the term of the contract, a boycott of Israel in accordance with A.R.S. §§35-393 *et seq*. I understand that my entire response will become public record in accordance with A.A.C. R2-7-C317.

☐ The Company submitting this Offer **does** participate in a boycott of Israel as described in A.R.S. §§35-393 *et seq*.

☐ **Exempt Solicitation, Contract, or Contractor.**
Indicate which of the following statements applies to this Contract:
- ☐ Solicitation or Contract has an estimated value of less than $100,000;
- ☐ Contractor is a sole proprietorship;
- ☐ Contractor has fewer than ten (10) employees; and/or
- ☐ Contractor is a non-profit organization.

Bureau Veritas North America, Inc.	
Company Name	Signature of Person Authorized to Sign
790 Holiday Dr.	Steven Barton
Address	Printed Name
Pittsburgh, PA 15220	Director of Operations 3/01/2024
City State Zip	Title Date

ADOT
Infrastructure Delivery and Operations

FORCED LABOR OF ETHNIC UYGHURS BAN
Certification Form

Forced Labor of Ethnic Uyghurs Ban

Please note that if any of the following apply to the Consultant, then the Offeror shall select the "Exempt Consultant" option below:

- Consultant is a sole proprietorship;
- Consultant has fewer than ten (10) employees; OR
- Consultant is a non-profit organization.

Pursuant to A.R.S. § 35-394, the State of Arizona prohibits a public entity from entering into or renewing a contract with a company unless the contract includes written certification that the company does not use the forced labor, or any goods or services produced by the forced labor, or use any consultants, subconsultants, or suppliers that use the forced labor or any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China.

Under A.R.S. §35-394:

1. "Company" means an organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company or other entity or business association, including a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate, that engages in for-profit activity and that has ten or more full-time employees.

   (a) Based in part on the fact that the entity does business in Israel or in territories controlled by Israel.
   (b) In a manner that discriminates on the basis of nationality, national origin or religion and that is not based on a valid business reason.

2. "Public entity" means this State, a political subdivision of this State or an agency, board, commission or department of this State or a political subdivision of this State.

In compliance with A.R.S. §§ 35-394 et seq., all offerors must select one of the following:

☑	The Company submitting this Offer does not use, and agrees not to use during the term of the contract, any of the following: • Forced labor of ethnic Uyghurs in the People's Republic of China; • Any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China; or • Any Consultants, Subconsultants, or suppliers that use the forced labor or any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China.
☐	The Company submitting this Offer **does** participate in use of Forced Uyghurs Labor as described in A.R.S. § 35-394.
☐	**Exempt Consultant.** Indicate which of the following statements applies to this Consultant (may be more than one): ☐ Consultant is a sole proprietorship; ☐ Consultant has fewer than ten (10) employees; and/or ☐ Consultant is a non-profit organization.

Bureau Veritas North America, Inc.
Company Name

790 Holiday Dr.
Address

Pittsburgh, PA 15220
City State Zip

Signature of Person Authorized to Sign

Steven Barton
Printed Name

Director of Operations
Title

1. PROJECT UNDERSTANDING AND APPROACH

PROJECT UNDERSTANDING: **Bureau Veritas North America, Inc. (BVNA)** understands that the Arizona Department of Transportation (ADOT) seeks to engage a consultant to provide on call services to perform all necessary visual examination and Non-Destructive Testing (NDT) for the inspection of structural steel fabricated for projects throughout the state and out-of-state as required on an as-needed basis. As the holder of the current contract, we intimtely understand the requirements of the propsed contract. We understand that all work assignments will be assigned based on ADOT's standards, specifications, plans and procedures, which are in compliance with one or more of the following:

- The current edition of the ADOT Standard Specifications for Road and Bridge Construction and any Supplemental Specifications when applicable.
- The 2020 edition of the American Welding Society Bridge Welding Code identified as ANSI/AASHTO/AWS D1.5 and any current code revisions.
- The current edition of the AASHTO LRFD Bridge Design and Bridge Construction Specifications, and the current interim specification revisions.
- American Association of State Highway and Transportation Officials (AASHTO} Standard Specifications for Highway Bridges.
- The 2020 edition of the American Welding Society AWS D1.5 Bridge Welding and AWS D1.1 Structural Welding codes including current code revisions.
- The American Welding Society Standards for qualification and certification of Welding Inspectors identified as AWS QC-1.
- The current edition of the ADOT Bridge Group, Bridge Design Guidelines and current guideline updates.
- Project specific approved shop drawings for structural steel fabrication.
- Plans, standard drawings, specifications, special provisions and any other documents that are applicable to specific projects.
- Any new specifications or documents, which may supersede the above-named documents.

Having provided inspection and QA oversight services during the fabrication of structural steel to over 30 State, City and Municipal Transportation Authorities during the past decade alone, there is no firm in existence who more fully understands the objectives of State DOT QA Programs, applicable industry standards, and the most effective means by which to achieve these objectives. Our experience providing these services to ADOT and other DOT's across the country has taught us that the approach required to achieve and exceed ADOT's expectations for each assignment relies heavily on the effective engagement of our Project Team and a proactive interaction with ADOT. Our proven approach is designed to secure the level of service we know is required to achieve the required quality of materials fabricated for bridge construction projects.

BVNA fully understands that achieving these objectives requires much more than just the execution of standard testing methodologies. To act on this understanding, BVNA will represent the interests of ADOT by executing a complete program of services that will include:

- **In-depth Inspection** at fabrication shops and other manufacturing/processing facilities or construction sites; and any ancillary Quality Assurance task that ADOT may require from Fabrication Procedure Review to Consulting on remedial action for non-conforming materials;
- **Prompt, Effective Communication** to ensure directives are understood and potential problems are immediately addressed to avoid delays in material deliveries or to the construction schedule and **Timely Responsiveness** for all communication, adhering to project schedules, and to criteria for the distribution of service deliverables will be provided by the enhanced Project Team (with added resouces) and under the oversight of the Project Principal. In the event that time commitments are not met, the Project Principal will investiagte and initiate corrective action;
- **Robust Management of Technical Resources** to ensure 100% compliance with Assignment Objectives including:
  - ✓ Designating Professional Engineers that are technically capable, full-time employees of BVNA with experience in providing Structural Steel Shop Fabrication Inspection Services and providing a multi-faceted, geographically-diverse, Technical Team that seamlessly integrates with ADOT's staff and processes to achieve maximum efficiency and cost control;
  - ✓ Technical Personnel possessing the appropriate education and experience to meet the goals and objectives set forth by ADOT;
  - ✓ Technical Personnel and Inspectors that are knowledgeable with respect to applicable specifications/codes/standards and are experienced in providing QA services, including experience in inspecting fracture critical structural steel members and various coatings applications;
  - ✓ Technical Personnel and Inspectors with the ability to recognize and report material or production problems, nonconforming items, unusual samples, and unusual or failing test results; and recommend appropriate solutions if required;
  - ✓ Technical Personnel and Inspectors possessing an AWS Certified Welding Inspector; AAMP, NACE or SSPC Certified Coatings Inspectors for paint inspection; and/or hold current ASNT Level II NDE certifications in Ultrasonic Testing (UT), and Magnetic Particle Testing (MT).
- **Controlled and Secure Records** including daily inspection activity diaries and reports;
- **Financial Processing/Management:** BVNA understands the need to fully document invoicing as required by ADOT to facilitate review and approval. A dedicated Project Accountant is assigned the responsibility for processing all invoices that will be in compliance with all contractual requirements. Our Project Accountant will work closely with the BVNA PM and/or ADOT's Accounting Department to ensure that invoices are prepared using the proper format with the correct rates/expenses and reference information. Prior to submittal at the end of each month, all invoices will be audited by the BVNA PM and RC for accuracy. Our goal is to provide 100% accurate invoices 100% of the time.
- **Use of Innovative Technology:** BVNA has extensive successful experience with providing Phased Array Ultrasonic Testing (PAUT) to the steel bridge fabrication industry, including several technically demanding projects similar in nature to ADOT's. BVNA routinely provides PAUT services for DOT's, bridge fabricators, and design build contractors and is the leader in implementing this technology in the bridge fabrication industry. We have performed extensive testing and studies on the use of PAUT in the bridge fabrication industry, including PAUT research projects sponsored by State DOT's. Our ASNT Level III personnel are industry recognized experts in the application of PAUT. BVNA stands ready to assist ADOT with the implementation or use of PAUT, including technical consulting services, evaluation of the PAUT in lieu of radiography, PAUT procedure performance demonstration, scan plan development or evaluation, PAUT operator qualification, and calibration block design.

- **ADOT Contract Specific Requirements:** BVNA understands that there are some specific duties and requirements associated with this contract:
  - ✓ Part time inspection is often required as this is a Quality Assurance Oversight contract and we are not provding redundant QC.
  - ✓ We are required to perform UT and MT on 20% of the weld inspected by the fabrictor or their subcontractor to verify their results.
  - ✓ Funding estimates are required for each project or assignment prior to receving an authorization to proceed.
  - ✓ Inspection personnel must have an AWS CWI certification and a Level II in UT and MT.
  - ✓ Our PM provides review of Welding Procedure Specifications (WPS), Procedure Qualification Records (PQR) and Welder Certifications.
  - ✓ We provide review of Fabricator Quality Plans and Repair Procedures.
  - ✓ Our PM acts in a technical advisory role to ADOT, including review and consulting on NCR's and RFI's along with resolving fabrication issues and/or defective or nonconforming work.
  - ✓ We may be requested to provide field inspection services. The Virgin River project was an example of this requirement and our ability to respond with the required staffing, equipment and expertise.

PROJECT APPROACH: BVNA's experience with the current ADOT contract, as well as similar (current and previous) Departments of Transportation contracts has produced a proven and effective project management team approach, that has successfully and consistently delivered the desired level of quality services to our customers. Our approach includes our Project Team engaged in a proactive working relationship with ADOT staff. Project Management, Engineering Expertise, and the Depth of the Project Team are key elements of our approach. All aspects of our service will be under the direction of our PM and Project Team. The PM is supported by the engineering expertise of the Project Team, the Field Inspection Supervisors, the ASNT Level III's and the Resource Coordinators (RC). We are adding an Assistant PM to our ADOT Team to provide enhanced responsiveness and coverage. The BV PM will work with BV's Project Team and ADOT personnel to ensure up-to-date information is communicated to ADOT regarding project performance and status, including performance to project schedule and any potential impacts to meeting project delivery dates. We strive to respond to all ADOT inquiries within 24 hours. The Key Elements to our approach (modifications can be made upon the request of ADOT) include.

➢ **Contract Leadership and Administration:** The BV Project Manager (PM), **Mr. Jeff Comparato, P.E., CWI**, will be the primary point of contact for ADOT, and he will assume overall responsibility for achieving the Goals and Objectives of the agreement. He will provide supervision and technical coordination of daily operations related to the fabrication inspection, testing, and auditing services. Mr. Comparato will work cooperatively with ADOT in conjunction with the BVNA Project Team, Inspection Staff, Technical Staff, and Office Support (i.e. Administrators, Resource Coordinators, etc.). It will be his responsibility to verify that the Inspection Staff understands and correctly interprets project scope and specifications. He will also direct and assist in maintaining the quality of technical services provided to ADOT, including providing engineering judgments, specification interpretation, assessing corrective action, fabrication procedure review, acceptance/rejection of materials/products, reporting, and invoicing. All technical aspects of our services will be under the direction of our PM. ADOT standard procedures will dictate the flow and frequency of inspection activity. Our Team will focus on the five (5) major phases of Project Management delineated below.

Phase 1 – Request for Inspection – Upon receipt of a service request from ADOT, the BVNA PM will select and allocate the Inspector(s) on the BVNA Team best suited for the assignment based on required qualifications, availability, experience, training, familiarity with ADOT requirements, schedule and shop location. The BVNA PM will respond to ADOT within 48 hours of the task order to acknowledge the task order and intended staffing. verify the fabrication schedule and establish the inspection start date. The PM or RC will contact the fabricator within 48 hours to determine fabrication schedule, inspection start date and coordinate pre-fabrication or project kick-off meetings to review project requirements. Once fabrication schedules are established with the fabricator, the PM will provide a project funding estimate within 7 days. The PM will prepare an inspection package for the inspector(s) regarding the scope of services and project particulars that will include:

- **BVNA Project Number** – a BVNA project number will be assigned to each project. This unique number will be used by the inspector on all reports and timesheets and by our Accounting Department to correctly invoice all relative labor and expense charges.
- **BVNA Inspection Assignment Package** - this document will contain the ADOT Task Order approval (Service Order); pertinent logistical information required for the inspector to conduct an inspection, including: supplier/fabricator name, address, contact information, scope of service, items being inspected and a copy of the notice to proceed; and any required equipment (micrometers, calipers, tapes, material tags, digital cameras, lap tops, sampling bottles, etc.).
- **ADOT Report Forms and references** to all applicable inspection protocols, applicable standards, specifications, and special provisions.

Phase 2 – Inspection Coordination –The BVNA PM will review the inspection package with the Inspector(s) once the fabrication schedule and start date are established with the fabricator and prior to the start of the project. In the event that additional ADOT training is required, the BVNA PM will provide any necessary information required for the assignment. The PM and RC have ongoing regular contact with the fabricator(s) and will verify the fabrication schedule, establish the inspection start date, and ensure the material will be ready on the agreed upon date. The fabrication and inspection schedule will be communicated to ADOT.

Phase 3 – Inspection Activity – The BVNA Inspection Staff will review the project specifications, approved shop drawings, verify materials and traceability, observe and monitor fabrication activities, and verify fabricator personnel certifications. Our staff will verify that all inspection work is conducted in accordance with ADOT's standards, specifications, contract documents, and applicable industry codes for the scope of work specified in the Authorization for Inspection, and any other applicable information. The Inspectors will be expected to immediately report to ADOT and the PM any information regarding delays, cancellations and any other potential problems such as non-conformances. If fabrication issues occur, the Inspector will immediately report them to the PM and the ADOT representative and record them on the Project issues Log for tracking to resolution, including any NCR's and RFI's. The PM is able to consult our Technical Advisory Team should problems arise relative to the work where the technical expertise of the individuals listed in our Project Team can provide solutions. BVNA Inspectors will perform their assigned

inspections, observations, and tests in a completely unbiased and independent manner in order to ensure that the supplier is fabricating in accordance with the specifications. Our inspectors will not direct supplier personnel or supplier procedures but will share their findings with the supplier's quality control personnel. The inspectors and PM will remain in constant communication with each other and ADOT regarding the inspection schedule, quality issues, and project status throughout fabrication. All requests for assistance or information from our Inspectors will usually be responded to the same day but no later than 24 hours. The PM, Project Team, Inspection Supervisors, and Quality Team will conduct periodic plant audits and observations to assure the quality of the QA oversight services that BVNA is providing to ADOT.

Phase 4: Reporting - Inspectors are required to maintain a comprehensive record of work performed and document all findings and non-conforming work or conditions. At the end of each week each Inspector will include this information on the Weekly Inspection Report. In addition, BVNA inspectors will indicate an approximate percentage of work completed and provide all documentation such as Test Results, MTR's, NDT Certifications, NDT reports and all other pertinent documents. All reports will be reviewed by the PM and Inspection Supervisors. Once approved by the PM and Inspection Supervisors, the Inspector will sign the report and submit to ADOT electronically. All weekly reports will be submitted by Wednesday of the following week and all final packages will be submitted within two weeks of final shipping to close out the project.

Phase 5: Project Closeout - The last Weekly Inspection Report closing out the assignment will be marked "Final." All items listed on the Project Issues Log, including NCR's and RFI's must be closed out prior to issuing the final report. The Inspector will stamp the material with his/her assigned BVNA Stamp to certify that the material has been inspected and found to be in conformance. Final inspection will be performed when the material is loaded for shipment. The PM and Inspection Supervisors will review the final project package to ensure that the scope of work is complete and that ADOT has received all documentation, reports, and any other deliverables.

- **Resource Management/Training:** BVNA's Training Department creates and delivers computer-based and classroom training classes to ensure that our inspectors, supervisors, and project management team all have the required skills and knowledge to perform their duties to ADOT's requirements. BVNA will conduct a refresher training program covering the ADOT specifications and the applicable standards, specifications, and publications. BVNA's Field Inspection Supervisors will continue to provide additional hands-on training to our Inspectors at fab shop locations for their applicable scope of work they are to perform as well as help them enhance their report writing skills and reporting of quality issues. Our training program has been demonstrated to quickly and effectively train additional inspectors in the event of attrition or increased project demand.

  BVNA has implemented a Quality, Health, Safety & Environmental (QHSE) Plan designed to identify hazards that may be encountered by our Inspection Staff and to educate our inspectors on the methods to mitigate these hazards to prevent injuries. Our commitment is to protect the health and safety of our employees; assess the risk of our activities and develop appropriate action hazard mitigation plans; increase our employee awareness of QHSE concerns and issues; ensure that our QHSE processes and programs are proactive and deliver the required level of protection to our employees; and provide the tools, internal QHSE resources and training necessary for the implementation of effective QHSA management.

  BVNA provides inspectors training that will enhance their technical knowledge, improve inspection skills, and maintain or acquire additional certifications. BVNA currently has in-house training programs relative to Nondestructive Testing, Galvanizing / Coating Inspection, High Strength Bolting, Visual Weld Inspection, and Identification & Reporting of Nonconforming Conditions or Work. New topics are added annually.

- **Quality Management / ISO Certification:** BVNA is recognized worldwide as a leader in providing the highest standards of QA services to our clients. To achieve these standards, all services provided by BV are executed under the strict guidelines of a defined internal Quality Management System that has been independently audited and found compliant with ISO 9001:2015. BVNA operations operate under both ISO 9001 and 14000 system. All BVNA employees are responsible for the continual improvement of our quality management process. Combined with our business model and our Code of Ethics, these programs ensure the continual delivery of the highest quality services to our clients.

  BVNA will assure the quality of services to ADOT through our robust quality system and our Management Team's commitment, vision, drive, and passion to provide excellent quality and customer satisfaction. BVNA's Inspectors' certifications are independently verified by BVNA's Quality Team and all NDT exams are administered by BVNA's Level III's. Our Project Management Team, Field Inspection Supervisors, and Quality Team all conduct planned and unannounced visits to observe our inspectors, validate their active presence and engagement, and audit their performance. The BVNA PM and Field Inspection Supervisors are in routine communication with the Inspector, Manufacturing/Fabrication Plant Personnel, and ADOT Project personnel to assess the presence and level of engagement of the inspector, including verifying that the appropriate amount of time is spent on the shop floor observing/witnessing fabrication & inspection activities, and documenting all nonconforming items.

- **Cost Control Management:** BVNA understands that ADOT's goal is to control costs on consultant contracts. To achieve this goal, BVNA will staff each assignment with an inspector that is strategically located near the fabrication shop or assignment location to eliminate unproductive travel costs. Our geographic coverage provides BVNA the ability and capacity to carry out the scope of services in a timely manner at the fabrication shop locations used by the ADOT. Our project team will coordinate with the fabricator to ensure that material is ready to inspect when the BVNA Inspector arrives to avoid wasted trips. BVNA will constantly monitor the schedule of activities at the shop to minimize inspector downtime when materials are not ready for inspection and to assure the appropriate level of staffing. Our inspectors and project team are trained and motivated to provide stewardship of the funds ADOT allocates to these projects and will properly staff assignments to avoid unproductive time. Our ability to staff assignments on a part time basis without sacrificing the quality of oversight services is an example of this.

- **Issues Likely to be Encountered and BV's Approach for Resolution:** Our experience on the current ADOT contract, combined with our experience accumulated through our 30+ active DOT and Agency contracts, have provided us a basis to identify and develop solutions to common issues or problems that arise during steel bridge fabrication quality assurance oversight contracts. For instance:

- Given the nature of part time inspection activities, we sometimes identify quality deficiencies that occured when we are not present. In these instances, we notify ADOT and the fabricator QC personnel of the deficiencies and give them the opportunity to repair of correct the problem. If they refuse or are unable to make the required improvements, we will recommend to ADOT that we create an NCR that the fabricator is required to close before the product can be accepted. Also, in some instances, fabricators will ship products before they are inspected. In cases like this, we may recommend to ADOT that we mobilize to the field to provide assurance that the products meet quality standards, particularly where quality deficiencies have been previously noted. This was the case on the recent Virgin River Project where we mobilized to the field, identified defects in girders that had not been inspected, provided QA Oversight during the field repair process, ensured that the girders met specification, and provdided support for ADOT in resolving a false delay claim by the contractor and fabricator.
- Issues with personnel availability due to schedule conflicts, illness or personal/family issues/obligations can affect project coverage or deliverables. In the case of inspectors, we have sufficient staff to provide alternate personnel to provide coverage and respond to these circumstances. In the case of our Project Team, we have redundnacy to avoid gaps in management coverage or delayed deliverables and are adding an increased level of coverage with the addition of the Assistant Project Manager position.
- If issues with the quality or timeliness of BVNA's services are identified, our Quality System is implemented by our Project Management & Quality Teams to address them. Our Corrective Action Reporting System (CARSYS) is used to investigate quality issues, identify the root cause of the deficiency, and develop and implement corrective action(s) to prevent reoccurrence. If ADOT identifies an area of BVNA's performance that could be improved, we will respond immediately and initiate the CARSYS process. All findings and corrective actions will be communicated to ADOT. We guarantee that we will resolve all identified quality issues immediately and to your complete satisfaction.

2. PROJECT TEAM

KEY PERSONNEL: Our Project Team will remain consistent with the current contract, including the demonstrated availability and time commitment to successfully deliver the contract requirements. The experience, qualifications and responsibilities of each Team Member as briefly outlined below.

- **Project Principal: Mr. Ray Momsen, ASNT Level III, Vice President of Transportation and Infrastructure,** is responsible for achieving the goals and objectives associated with ADOT contractual and inspection requirements. This position is assigned to an experienced member of BVNA's Senior Leadership Team to ensure that the position is fully empowered to address all aspects of BVNA's operational performance to assure full compliance to all contractual requirements. Mr. Momsen is a highly competent professional with over 40 years of management and technical experience in the Quality Assurance, Nondestructive Testing (NDT), Inspection, and Engineering Services industries. Mr. Momsen is a certified Level III by ASNT in the methods of RT, UT and PT. He will continue to lead, oversee and advise the BVNA Project Team currently administering the ADOT contract and continue to be available to advise ADOT on technical, quality and contractual matters.

- **Project Manager / Construction Cost Estimator: Mr. Jeff Comparato, P.E. (FL, MO, KY, NV, WY, PA, TX) and AWS CWI** will continue to actively manage this ADOT contract, will continue to be the primary point of contact for ADOT, will continue to allocate resources to staff and support this contract, including Inspectors and the Project Team. Jeff will continue to perform the construction cost estimates that he is currently providing under our current contract with ADOT for this exact scope of work. He will also continue to provide the leadership, technical expertise, and support to ADOT that he has on the current contract, including providing expert advisory support for technical and contractual matters, including support to resolve nonconforming work or contractual disputes with fabricators or contractors, as evidenced with the field inspection effort and technical support provided to resolve the recent dispute regarding quality and contractual issues on the Virgin River Bridge Project. This is an excellent example of our ability to be extremely responsive to ADOT's special needs and concerns. Mr. Comparato has an established record with ADOT and other clients of successfully managing and delivering contracts similar in size and scope to this contract, including our current ADOT contract, while meeting project schedules and delivering exceptional quality of services provided. In addition, to provide enhanced coverage and responsiveness, we have reduced the number of DOT's that Mr. Comparato is responsible for to two and have allocated David Daddario to serve as an Assistant PM on this contract.

  Mr. Comparato has over 35 years of experience providing professional engineering, QA and QC services for shop and field bridge construction. He has performed inspection of structural steel and bridge components, reviewed weld procedures and PQRs and consulted on welding engineering using his extensive welding engineering background. Mr. Comparato has been the responsible bridge engineer (PE) for numerous bridge construction projects and has experience with all installation and inspection phases for bridge fabrication and installation. This includes shop inspection and on-site installation of a variety of bridge and highway component fabrications including fracture critical girders & box beams, truss members, foundations, falsework, steel erection, concrete fabrication, finger joint & strip seal expansion devices, bearings (rocker, laminated neoprene, and PTFP), mechanical and machined components, coatings & galvanizing, moveable bridge components and major bridge repair. He has also supervised, witnessed and performed visual weld inspection, UT, MT, RT, & PT methods during the fabrication and erection of various bridge construction projects. Along with his experience, Mr. Comparato is currently certified by the American Welding Society as a Certified Welding Inspector (AWS CWI). He is highly knowledgeable of the ADOT Standard Specifications for Road and Bridge Construction; AWS D1.1, D1.2, D1.5 and D1.6; AASTHO; ASTM; as well as rotational capacity and installation verification bolt testing. Mr. Comparato is one of the few professionals in the DOT quality assurance industry with Professional Engineer and AWS CWI credentials and extensive welding engineering experience. This experience allows Mr. Comparato to effectively supervise, evaluate, train, and motivate BV's inspector workforce and provide ADOT the level of service, technical expertise, and support which ADOT has come to rely on and expect from Mr. Comparato and BVNA.

- **Assistant Project Manager: Mr. David Daddario, P.E. (NY, MA, NJ, PA, NC, ME, RI, FL, TX), AWS CWI, Certified Construction Manager, and ICC Structural Steel and Bolting Inspector** will serve as Assistant Project Manager to assist Jeff Comparato. BV is adding this position to

this contract to provide redundancy of leadership and to provide additional support to ensure that all ADOT requests and deliverables are provided in a timely manner. Mr. Daddario's background, experience and qualifications are very similar to Mr. Comparato's as detailed in his resume.

- **Resource Coordinator:** **Ms. Jennifer Hasse** will continue to serve as the Resource Coordinator for the ADOT contract and provide the same scope of services as under the current contract, including inspector scheduling, travel logistics, inspection schedule confirmation with fabricators, administrative support for the project team, invoice review, and acknowledgement and/or response to ADOT correspondence.

- **Field Inspection Supervisor:** **Mr. Mark Irwin, CWI, ASNT Level III (MT, PT, RT), SNT-TC-1A NDT Level II (UT, RT, MT, PT)** will continue to perform as BV's Field Services Supervisor on this contract. Mr. Irwin has 35 years of experience working in Quality Assurance/Quality Control job functions where he has specialized in providing inspection of fabricated structural steel for the bridge industry. As a CWI and NDT Level III inspector, Mr. Irwin is responsible for in-process and final product QA verification as well as accurate and detailed inspection reports.

  Mr. Irwin is also responsible for BV's internal Quality Assurance Program, where he participates in continuous improvement efforts including inspector training, mentoring, report review, document management, field audits, implementing the BV Quality System, and our ISO Certification. His QA experience also includes Vendor Surveillance and traveling to outside vendors, fabricators and other facilities for auditing, inspection and providing QA training. He has detailed knowledge and experience working with industry related codes and standards including AWS D1.1, D1.2, D1.5, and D1.6. He also has experience working in accordance to ISO 9000:2001 standards. He currently holds ASNT Level III Certification in RT, MT and PT and is a Level II in Ultrasonic Inspection and RT Film Interpretation. He has experience with inspection and QA verification of various structural steel bridge girder configurations (including extensive experience with fracture critical applications), bridge bearings, overhead sign structures, high mast light poles, guide rail & protective fence, expansion joints, timber components, and coatings systems application.

- **Technical Advisory Team:** By developing a Technical Advisory Team, BVNA has proactively positioned its operations to quickly respond to technical challenges that arise on Steel fabrication inspection projects. Our Technical Advisory Team will work with the Project Team to resolve any technical issues, and to confirm that our Inspection Staff possess the necessary training, experience and certifications required.

  - **NDT Manager and UT SME:** **Mr. Jordan Wind, ASNT Level III UT, Level II MT, PT and AWS CWI** will continue to be available to the Project Team and ADOT to provide expertise and inspection support for NDT applications in fabrication shops and the field. Mr. Wind is an expert and SME in the areas of UT, Phased Array UT (PAUT) and advanced UT methods for the inspection of girder and structural steel welding and can assist with developing UT scan plans for difficult to inspect components or weld configurations, reviewing fabricator UT procedures or inspector qualifications/abilities, resolving questions or interpretation of UT results, or application of advanced UT methods.

  - **ASNT NDT Level III:** **Mr. Albert Carr, ASNT NDT Level III (RT, UT, MT, PT) and CWI**, will be available should situations develop involving interpretation of Nondestructive Testing results or procedures. Mr. Carr has over 30 years of experience performing inspection services on projects relating to bridges, sign structures, structural steel, and NDT testing. Mr. Carr has worked on numerous projects for many State DOTs and is very experienced with the inspection and QA oversight during fabrication of bridge girders, structural steel, bearings, expansion joints, overhead sign structures, high mast light poles, and other bridge and roadway components and structures. He has performed quality assurance shop inspection services during fabrication of various bridge girder types including, fabricated plate girders, fracture critical girders, and box or tub girders. Mr. Carr is certified by AWS as a CWI and by ASNT as a Level III in the RT, MT, PT and UT methods.

  - **Coatings Specialist, NACE Level III**, **Mr. Dawin Stewart, NACE Level III** has over 35 years of experience with the installation, selection and inspection of corrosion resistant coatings including bridge fabrication and existing bridge repainting/recoating projects. His duties include inspection of coating surface preparation and coating application, including the preparation of required documentation. Mr. Stewart has provided inspection services and certification documentation on numerous bridge fabrication projects throughout the United States. He is currently a NACE certified Level III coatings inspector and is proficient in the use of all coating inspection testing equipment.

- **Key Shop and Site Inspection Personnel:** **The following Inspection Personnel will continue to serve ADOT under the proposed contract:**
  - **Manny Aguilar, AWS CWI, Level II UT, MT** will continue to provide local inspection support in the Phoenix, AZ area at Stinger Bridge.
  - **Paul Dawson, AWS CWI, Level II UT, MT** will continue to provide expert local inspection support in the Salt Lake City, UT area at UIS.
  - **Timber Loveland, AWS CWI, ASNT Level III UT, MT, PT** will continue to provide additional local inspection support in the Salt Lake City, UT area and is available to travel as needed to provide expert inspection and quality oversight services for difficult assignments.

BV's Project Team has the essential training and experience through their many years of experience with providing similar scopes of service to State DOT's across the USA *coupled with their current experience on and knowledge of the existing ADOT contract* to uniquely support their ability to successfully perform the work required on this contract and provide ADOT with the assurance of successful contract delivery.

KEY MEMBER MATRIX:

Name	Licenses	Role on this Contract	Location	Similar Roles	Value	Owner
Jeff Comparato	-P.E. Licenses in: MO, KY, NV, PA, TX, WY -AWS CWI	Project Manager, P.E., CWI, Prepare Proposals and Project Estimates, Technical Consulting	St. Louis, MO	Project and Technical Manager, P.E., CWI,	$750K	Arizona DOT
				Project and Technical Manager, P.E., CWI,	$3M	Michigan DOT

David Daddario	-P.E. Licenses in: NY, MA, NJ, PA,NC, ME, RI,FL, TX; AWS CWI; Certified Construction Manager; ICC Structural Steel & Bolting Inspector	Assistant Project Manager, P.E., CWI. Assist with Preparing Proposals and Project Estimates, Technical Consulting, and Inspector Coordination	Millstone, NJ	Project and Technical Manager, P.E., CWI,	$10M	NYS DOT
				Project and Technical Manager, P.E., CWI,	$500K	Maine DOT
Jennifer Hasse	B.S. Business Administration	Resource Coordinator, Inspector Scheduling, Invoice Review, Administrative Support	Pittsburgh, PA	Resource Coordinator, Inspector Scheduling	$750K	Arizona DOT
				Resource Coordinator, Inspector Scheduling	$3M	Michigan DOT
Ray Momsen	ASNT Level III UT, RT, PT	Project Principal	New Lenox, IL	Project Principal	$750K	Arizona DOT
				Project Principal	$3M	Michigan DOT
Manny Aguilar	AWS CWI and Level II UT, MT	AWS CWI/NDT Inspector	Phoenix, AZ	AWS CWI/NDT Inspector	$750K	Arizona DOT
Paul Dawson	AWS CWI and Level II UT, MT	AWS CWI/NDT Inspector	Salt Lake City, UT area	AWS CWI/NDT Inspector	$750K	Arizona DOT
Timber Loveland	AWS CWI ASNT Level III UT, MT, PT	AWS CWI/NDT Inspector	Salt Lake City, UT area	AWS CWI/NDT Inspector	$750K	Arizona DOT
				AWS CWI/NDT Inspector	$10M	NY State DOT
Jordan Wind	ASNT Level III UT, Level II MT, PT; Advanced UT / PAUT SME; AWS CWI	NDT Manager and UT SME	Houston, TX	NDT Manager & UT SME	$750K	Arizona DOT
				NDT Manager & UT SME	$10M	NY State DOT
Albert Carr	ASNT Level III UT, MT, PT, RT and AWS CWI	Corporate Level III and NDT SME	Apollo Beach, FL	NDT Level III, NDT SME	$750K	Arizona DOT
				NDT Level III, NDT SME	$3M	Michigan DOT
Dawin Stewart	NACE Level III	NACE Coatings SME	Bryan, TX	NACE Coatings SME	$750K	Arizona DOT
				NACE Coatings SME	$10M	NY State DOT
Mark Irwin	ASNT Level III MT, PT, RT and Level II UT AWS CWI	Quality Manager, Field Inspection Supervisor, ASNT Level III	Pittsburgh, PA	Quality Manager, Field Inspection Supervisor	$10M	NY State DOT
				Quality Manager, Field Inspection Supervisor	$750K	Arizona DOT

Inspection Staff: The success of any Quality Assurance Firm is directly related to the dedicated technical expertise of their most valuable resource, the Inspection Staff. At the heart of our Inspection Staff are AWS Certified Welding Inspectors with NDT Certifications and NACE/AAMP certified coatings inspectors, who are geographically positioned throughout the United States to perform quality assurance services at the most commonly used fabrication facilities. This includes locally available inspectors in the metro Phoenix, AZ and metro Salt Lake City, UT areas. Our structural steel inspectors possess multiple certifications including, but not limited to, AWS CWI, ASNT Level III, ASNT recommended practice SNT-TC-1A Level II NDT certifications and NACE/AAMP Certified Coatings Inspectors. The time commitments of our Project Team and Inspectors currently includes servicing our existing ADOT contract, demonstrating our ability to service this contract without interference from other commitments. The structure of our organization allows for these time commitments to be scaled back or increased to accommodate the specific needs of ADOT. In fact, we are adding an Assistant PM position to our ADOT Team to provide additional capacity and ability to provide rapid response to ADOT requests.

Our Inspection Staff has extensive steel fabrication inspection experience specific to the bridge fabrication industry. Our inspectors are qualified and trained to document the activities of the suppliers and report any deviations and nonconformances from applicable specifications. They work from approved drawings and the specified codes or standards and will not attempt to make engineering judgments, but instead work closely with the Project Manager, Field Inspection Supervisor and/or the Technical Advisory Team of BVNA to properly disposition all nonconforming items, processes or work identified through their inspection and QA Oversight activities.

The collective experience of our full time Inspectors, in matters of steel inspection, exceeds an average 25 years. Their experience typically involves the inspection and witnessing of materials and manufacturing processes used in the fabrication of bridge girders and structural steel, steel barriers,

bridge railings, joint systems, steel grid decking, steel caissons, overhead sign structures, high mast light poles, castings, machined components and forgings. They also routinely inspect coatings during the application of paint systems, galvanizing and metallization. Our inspectors also provide final quality approval of materials prior to shipping to the construction project site. They have developed a thorough comprehension of standard specifications such as the ADOT Standard Specifications for Road and Bridge Construction, AWS D1.5, AWS D1.1, along with various AASHTO, ASTM, NACE/AAMP/SSPC specifications and project special provisions.

3. FIRM CAPABILITY

COMPANY PROFILE: Founded in 1828, Bureau Veritas (BV) is a global leader in Testing, Inspection and Certification (TIC), delivering high quality services to help clients meet the growing challenges of quality, safety, environmental protection and social responsibility. The Transportation & Infrastructure (T&I) Division of BV is a 125-year-old company, formerly RW Hunt, that was purchased by BV over 20 years ago. T&I has been the vendor of choice for over 30 State DOT's, Tollway Authorities, and other Bridge Owners for providing QA Oversight services to protect the Owners' interests during bridge fabrication. We are nationally recognized experts in this field.

The mission of BV consists of inspecting, verifying or certifying assets as well as projects, products or systems to deliver compliance reports. BV ranks among the world's leaders in conformity assessment and certification services in the field of Bridge Fabrication. These services relate to Inspection, QA Oversight and Conformity Assessment services, such as verification of quality of materials, equipment, fabrication processes, assets, health protection, safety of installations, as well as verification, inspection, auditing, and certification. The T&I Division benefits from the combined experience and knowledge of the BV worldwide organization in the bridge fabrication inspection and quality oversight industry.

As a trusted partner, BV offers innovative solutions that go beyond simple compliance with regulations and standards, reducing risk, and improving performance. We develop solutions to assist clients in managing and mitigating risk on large infrastructure projects. This ultimately contributes to enhanced project performance through improved overall quality, reduction in project delays and the minimization of re-work. Through our technical and regulatory expertise, BV adds value to every client engagement and often our services represent a maximization of the years of operational life of bridges and other transportation assets.

BV's core values include integrity and ethics, impartial counsel and validation, customer focus and safety at work. BV is recognized and accredited by major national and international organizations, including but not limited to ISO 9001:2015, ISO 14001:2015 and OHSAS 18001:2007.

BV's Transportation and Infrastructure (T&I) Division provides services to public transportation agencies nationwide from local public agencies to State DOT's and major Public Transportation Agencies. With the strategic location of our 80 offices and laboratories in the U.S. and Canada, BVNA provides clients local access to our 3,500+ inspectors, technicians, engineers, and experts. This large number of BVNA inspectors, technicians, engineers, and experts includes CWI, NDT, NACE/AAMP/SSPC, ACI, and PCI Inspectors with specific QA/QC bridge shop fabrication and field experience located within the U.S. If the need arises, our T&I Division can draw upon the additional resources within BVNA organization. T&I's Pittsburgh, PA office will continue to be the contracting office for the inspection services related to this contract. BV will staff each assignment with an inspector that is strategically located near fabrication shops most commonly used by ADOT. Given the size and depth of our overall organization and the breadth of our QA and Inspection coverage, BV can cost-effectively achieve ADOT's sampling, testing and inspection requirements wherever they may be needed.

Our structural steel QA inspectors possess multiple certifications including, but not limited to, American Welding Society (AWS) Certified Welding Inspectors (CWI), American Society of Nondestructive Testing (ASNT) recommended practice SNT-TC-1A Level II and Level III Certifications and National Association of Corrosion Engineers (NACE) / Association for Materials Protection and Performance (AAMP) / Steel Structures Painting Counsel (SSPC) Certified Coatings Inspectors. BV typically averages over 3,500 structural steel shop fabrication inspection man-hours per week through our 30+ active contracts with State DOT's and major Public Transportation Agencies, including the work we perform with ADOT under Contract No. 2020-001. BV definitely possesses the capacity and capability to effectively and efficiently staff and manage ADOT's inspection requirements.

All of our inspectors are well-versed and experienced in providing quality assurance oversight services specifically for bridge fabrication, incluidng monitoring the implementation of fabricators' or manufacturers' Quality Control Plans, auditing of fabrication & manufacturing facilities, providing quality oversight of fabrication processes, providing CWI inspection of welding and welding processes, witnessing or performing NDT testing, coatings inspection, and providing these testing and inspection services in the field at bridge construction sites. Their experience also typically involves the inspection and witnessing of material and manufacturing processes used in the fabrication of structural steel, bridge girders, steel barriers, bridge railings, joint systems, steel grid decking, steel caissons, castings, machined components and forgings. They also routinely inspect coatings during the application of paint systems, galvanizing and metallization. Additional BV services that ADOT may request under this contract and fulfilled by the BV team could include Engineering Services such as consulting on code or specification interpretation; material, fabrication or welding issues including RFI recommendations; drawing review; repair plans, bridge impacts, and failure analysis. BV also has expertise with NDT & Inspection Consulting Services including NDT certification and program review, training courses, procedure development or review; and extensive Phased Array Ultrasonic Testing (PAUT) program/procedure review, development, and consulting capabilities. Expert coating consulting services for bridge and component manufacturing are also available to ADOT.

CAPABILITES: The diversity of the inspection assignments serviced for our DOT clients range from pedestrian bridges to fracture-critical cable-stayed signature bridges. Fabrication for these projects has taken place at numerous fabrication facilities located throughout the United States and overseas. Our established procedures enable the simultaneous administration of multiple contracts while providing adequate coverage to execute multiple assignments regardless of project length. The services that we typically provide to State DOT's that are available to ADOT include:

- Visual Welding CWI Inspection involving materials and manufacturing processes used in the fabrication of bridge girders and steel components.

- Coatings Inspection including the surface preparation and application of paint systems, galvanizing, and metalizing for compliance to the project specifications and manufacturer recommendations, including verification and recording of coating Dry Film Thickness (DFT) and adhesion tests.
- Visual weld and non-destructive inspection services in the field during the erection or repair of bridge structures, including UT of bridge pins.
- High Strength Bolt Testing involving new or in-service testing services, including compliance with ICC Bolting Specification.
- Non-Destructive Testing involving evaluation of weldments using Visual, Ultrasonic (including PAUT), Magnetic Particle, Liquid Penetrant, and Radiographic Film Interpretation methods. We perform review of written practices, inspector certifications, and NDT procedures submitted by fabricators and their subcontracted inspection firms. In addition, we have the capability to provide Level III consulting services, NDT Training, and personnel qualification testing and certification of NDT personnel if beneficial to ADOT.
- Shop Drawing Review involving review of drawings for compliance to ADOT specifications.
- Fabrication Procedure Review involving the review of fabrication procedures for materials and manufacturing processes used in the fabrication of steel, miscellaneous metals, and machined components.
- Training involving the education and instruction of Fabrication and/or Department of Transportation Personnel required in performing High Strength Bolting, Nondestructive Testing Methods as well as Visual and Welding Inspection.
- Engineering/Consultation involving the review of welding procedure qualifications records, weld procedure specifications and welding repair procedures for approval and/or recommendations for adjustments. Additional services include Welder Qualification/Welder Qualification Review; WPS/PQR Development and Review; Metallurgical, Civil, Welding, Specifications, Forensics and Failure Analysis Engineering.
- Vendor Audits/Facility Assessments involving the review of a fabricator, manufacturer, and/or other material provider's formal and informal processes to define gaps that can be used to assist in the establishment of an action plan to improve overall quality within the facility.
- Quality Management System Assessments involving the auditing of existing quality management systems to industry standards.
- Technical Consultation involving the support of ongoing materials evaluation, inspection, testing and manufacturing / application activities.

We have Inspectors stationed in the Phoenix and Salt Lake City metro areas that are currently serving ADOT. Additional Inspectors can be allocated to ADOT in the event that inspection demand increases in these areas. There are not qualified Inspectors available in rural areas of AZ. To staff projects in these areas, we would assign staff from the nearest metropolitan area, either in-State or across the borders. If the project is of sufficient duration, we could relocate inspectors to the area or secure affordable long term housing to reduce costs.

RELEVANT EXPERIENCE: BVNA has provided inspection and testing services to many State Departments of Transportation across the USA. Our experience includes providing Quality Assurance Oversight services associated with the fabrication and erection of Steel Bridges of varying type, size, and complexity. Listed below is a brief description of a small selection of the contracts held by BVNA within the last five (5) years that are similar in scope, size and requirements to the current proposed ADOT contract, giving ADOT the assurance that BVNA is qualified and capable to provide the services required under this contract. BVNA intends to solely perform the scope of work under this contract and does not intend to subcontract the work to other firms, unless qualified and reliable DBE firms can be identified and cost effectively utilized. If projects assigned to DBE sub-consultants, the PM will ensure that all aspects of The Bureau Veritas Project Approach are communicated, understood and implemented by the sub-consultant.

❖ Statewide On-Call Structural Steel Fabrication Inspection (2020 – Present)

Client: AZ Department of Transportation (ADOT) Contract Value: $750K **BV is the Prime Contractor for this contract.**

Since 2015, BV has executed the statewide on-call structural steel fabrication inspections on behalf of ADOT and performed under Contract No's. 2014-009 and 2020-011. Our services include shop and field inspection services of steel and miscellaneous metal products (i.e. girders, beams, trunnions, expansion joints, bearings, sign structures, bearings, and castings), as well as performance of NDT and coatings inspections. BV was also an essential partner with ADOT in supporting the Department to resolve quality deficiencies and a subsequent claim against the Department by a contractor regarding the Virgin River Project H876O01C-VRB. We provided ADOT with quality and engineering consulting and advice based on our national experience base and subject matter expertise. We mobilized inspectors to the field to provide inspection coverage to ensure that bridge girder welding met code and contract requirements. Our ability to provide support and technical expertise to ADOT, protect your interests, and to ensure safe and code compliant products was demonstrated on this project.

- **Project Owner: Bill Downes – Phone Number 602-712-7115. Key Staff involved in the project: Jeff Comparato, Manny Aguilar, Paul Dawson, Timber Loveland, Jordan Wind, Jennifer Hasse, Mark Irwin, Albert Carr, Dawin Stewart and ray Momsen.**

❖ **Nationwide Materials Sampling Testing and Inspection Services (2015 – Present)**

Client: NY State Department of Transportation (NYSDOT) **Contract Value:** Originally $5M, advanced to $10M **BV is the Prime Contractor.**

BVNA has been providing quality assurance oversight, inspection, testing and sampling services to NYSDOT at fabricators, points of manufacture and on construction sites since 1980 (44 years). In 2020, BVNA was awarded yet another contract with NYSDOT; based on our exemplary past performance. On average, we provide approximately 8 to 15 AWS Certified Welding Inspectors on a daily basis. Our Inspectors adhered to AWS D1.5 and NYSDOT's Steel Construction Manual. We have represented NYSDOT during the fabrication of many bridges, bridge components, and sign structures of varying size and complexity throughout the years. Our services have included providing QA Oversight through inspection, testing and sampling of products at fabricator, manufacturer, and supplier locations and field sites. BVNA inspected and/or tested bridge girders and structural steel, miscellaneous metal components, bridge bearings, expansion joints, piling, timber, cement, steel reinforcement for concrete, overhead sign structures, various coatings including paint and epoxy, and other fabricated materials.

- **Project Owner: Jim Brognano – Phone Number: 518-457-4525. Key Staff involved in the project: David Daddario, Jeff Comparato (Welding Consulting), Jordan Wind, Timber Loveland, Mark Irwin, Albert Carr, Dawin Stewart and Ray Momsen.**

- **Contract for Engineering Services for QA Inspection of Structural Steel, Precast Concrete and Steel Coatings (2020 – Present)**
  Client: Texas Department of Transportation (TXDOT) **Contract Value:** $3.5M **BV is the Prime Contractor for this contract.**
  For the past 15 years, BVNA has provided quality assurance, visual inspections, coatings inspection and NDT during the fabrication of structural steel, sign structures, bridge bearings, and pre-stressed concrete in fabrication shops and in the field. In 2020, BVNA was again awarded this contract with TXDOT based on our national presence of qualified and experienced inspection staff, our exemplary past performance, and our ability to staff projects with local inspectors. On average, we provide approximately 4 to 5 ACI, PCI, and AWS Certified Welding Inspectors with NDT certifications on a daily basis. Our Inspectors adhered to AWS, AASHTO, ACI, PCI, ASTM, ASNT, NACE, SSPC and TXDOT Standard Specifications for Construction and Maintenance of Highways, Streets and Bridges. We have acted as an extension of TXDOT performing QA Oversight relative to steel and miscellaneous metal products (i.e. Fracture Critical Members, steel girders, beams, steel barriers, trunnions, expansion joints, bearings, sign structures, piling, castings and forgings), NDT, coatings inspection, and pre-stressed and precast products (concrete girders, square piles, voided and solid slabs, and sound wall columns) on numerous bridge and highway projects throughout the years.
  - **Project Owner: Christina Gutierrez – Phone Number: 512-506-5927 (office) or 737-990-8737 (cell). Key Staff involved in the project: Jeff Comparato, Jennifer Hasse, Mark Irwin, Albert Carr, Dawin Stewart and Ray Momsen.**
- **QA Structural Steel Fabrication Inspections (2021 – Present)**
  Client: Illinois DOT **Contract Value:** $500K **BV is the Prime Contractor for this contract.**
  BVNA has been providing quality assurance oversight, inspection and testing services relating to bridge fabrication to IDOT for the past 20 years. Our services under this contract include quality assurance oversight, welding inspection, NDT, and coating inspection services during fabrication and coating of steel bridge and bridge components (girders, structural steel, bearings, expansion joints); overhead sign structures highway structure field inspections; material sampling; technical consulting and audits of fabrication shops.
  - **Project Owner: Mr. Frank Sharpe – Phone Number: 217-782-3586. Key Staff involved in the project: Jeff Comparato, Jennifer Hasse, Mark Irwin, Albert Carr, Dawin Stewart and Ray Momsen**
- **Structural Fabrication Inspection Services (2018 – Present)**
  Client: Michigan Department of Transportation (MDOT) **Contract Value**: $3M **BV is the Prime Contractor for this contract.**
  BVNA has been providing inspection services to MDOT for over 15 years. Our latest agreement involves quality assurance services during steel bridge fabrication and coating; precast/prestressed concrete bridge component fabrication; Non Destructive Testing; miscellaneous structures fabrication; highway structure field inspections; material sampling; technical consulting and audits of fabrication shops. BV has successfully continuously supported MDOT to assure the quality of bridge components for projects of varying size, scope and complexity. BV has fully participated in MDOT's Consultant Managed Fabrication Inspection Program, where we assume a greater responsibility for managing the fabrication inspection process, including KPI tracking and NCR response, tracking and management.
  - **Project Owner: Mr. Matthew Filcek, P.E. – Phone Number: 517-322-5709. Key Staff involved in the project: Jeff Comparato, Jennifer Hasse, Mark Irwin, Albert Carr, Dawin Stewart and Ray Momsen.**
- **Lessons Learned from Client and Internal Critiques and Improvements Implemented:** Improved responsiveness to inquiries and timely submission of project deliverables has been addressed through the addition/reallocation of staff to reduce the number of contracts each team is responsible for and assigning an Assistant PM to major contracts to serve as a back-up and additional resource for the PM. In addition, communication and training with the Inspectors regarding the timeliness, quality and accuracy of inspection reports has been a focus area, including adopting a policy that time sheets cannot be approved until the weekly or final inspection reports/package has been submitted. We have also improved the efficiency of distribution of reports through a shared mailbox and piloting an automated report distribution system. The latest update to our Inspector's Manual addressed concerns over recognition of new code or client specification updates.

CAPACITY: With nearly $6 Billion in annual revenue, BV has the financial and HR resources to properly manage, staff, and operate this contract. A critical item to execute this contract is having qualified personnel to staff the project needs based on construction activity and fabrication schedules. BVNA already has inspectors and a Project Team assigned to this ADOT contract. To ensure availability of personnel to address variable ADOT needs, BVNA typically averages over 3,500 Structural Steel Shop Fabrication Inspection man-hours per week through our 30+ active contracts with State DOT's and major Public Transportation Agencies, providing a large pool of qualified Inspectors to allocate to ADOT to address variable or increasing needs or new fabrication locations throughout the USA to assure availability. Our established operational procedures enable the simultaneous administration of multiple contracts while providing adequate coverage to execute multiple assignments regardless project length. In addition, we have a robust recruiting program and HR support to quickly hire, onboard and train additional inspectors to meet periods of peak demand.

4. PAST PERFORMANCE

BVNA has played a key role in supporting the Arizona Department of Transportation during the fabrication of components used in bridge and highway projects through providing QA services for the last 10 years. We value our ongoing relationship with ADOT and are confident that our Project Team and Inspectors have the experience and technical expertise to continue to deliver services that will enhance overall quality during the construction of ADOT projects. BVNA is fully committed to continue to provide these services to meet ADOT's quality and schedule expectations for the duration of the new contract. ADOT can rest assured that BVNA understands and is extremely capable of continuing to achieve ADOT's overall objective for this contract to realize both economic value and life safety by ensuring that the work of the contractor conforms to the provisions of the contract documents. Our commitment and performance over the past 10 years of providing services to ADOT provides the assurance to ADOT that BV uniquely possesses the qualifications, experience, specific knowledge of these contract requirements, availability of personnel to staff and manage the contract, quality assurance of our own services, and proven track record without a learning curve to provide the highest quality services, ability to manage and meet project schedules, and the highest value to the Department.

JEFF COMPARATO

Senior Project Manager, AWS CWI, Licensed Professional Engineer, PMP

CERTIFICATIONS:

AWS Certified Welding Inspector Certification #93110591, Expires 11/01/2023

- **NV - Professional Engineer # 25353**
- **FL - Professional Engineer # 83008**
- **WY - Professional Engineer # 16378**
- **TX - Professional Engineer # 137822**
- **CT - Professional Engineer # 34864**
- **KY - Professional Engineer # 326703**
- **MO - Professional Engineer # 29337**
- **PA - Professional Engineer # PE089207**
- **CO - Professional Engineer # PE0057984**

Project Management Professional (PMP) #2990179 – Expires 03/2024

PROFESSIONAL EXPERIENCE:

Jeff Comparato, P.E. has over 35 years of experience providing professional engineering, QA and QC services for shop and field bridge construction and is currently the Project Manager for ADOT's current contract for On-Call Structural Steel Fabrication Inspection Statewide Locations. Mr. Comparato is a licensed Professional Engineer in nine (9) States and is currently certified by the American Welding Society as a Certified Welding Inspector (CWI). He holds a Project Management Professional (PMP) certification from the Project Management Institute (PMI). He has experience actually performing inspection of steel and concrete bridge components along with his extensive experience managing the inspections of structural steel, structural coatings, Nondestructive Testing (NDT), and precast concrete and prestressed concrete bridge elements. He is also very experienced in the review of weld procedures and PQRs, and consulting on welding engineering.

Mr. Comparato served as Project Manager / Senior Bridge Engineer for OCCI / Missouri Fabricators, a major bridge fabrication and erection company, for over 28 years. In this role, he was responsible for QA / QC for both shop fabrication and field erection of both concrete and steel bridge structures. He has been employed with Bureau Veritas for nearly 9 years, initially as an inspector, and then for the past 6+ years as a Project Manager for DOT contracts. He has served as the PM for the ADOT contract that BV has held during this time and has become extremely familiar with ADOT specifications and requirements.

Jeff has been the responsible bridge engineer (P.E.) for numerous bridge construction projects and has experience with all phases of shop fabrication, QA of structural steel bridges and bridge components and field erection of steel bridge girders. This includes shop inspection and on site installation of a variety of bridge and highway component fabrications including fracture critical girders, box beams, truss members, falsework, steel erection, finger joint & strip seal expansion devices, bearings (rocker, laminated neoprene, and PTFP), mechanical and machined components, moveable bridge components and major bridge repair. He has also supervised, witnessed and performed visual weld inspection; inspection of coatings and galvanizing; dimensional verification, NDT including UT, MT, RT, & PT methods; and dynamic pile testing during the fabrication and installation of various structural and bridge construction projects.

He has a detailed knowledge of many State Department of Transportation specifications including ADOT, as well as knowledge and experience of AWS D1.1, D1.2, D1.5 and D1.6; AASTHO; ASTM; ACI and PCI concrete specifications; as well as rotational capacity and installation verification bolt testing. His QA background includes extensive experience with identifying nonconforming conditions, evaluating RFI's, writing or consulting on NCR's and corrective actions. His extensive welding engineering background and experience is valuable to many DOT clients for review and approval of welding procedures, PQR's, welder certifications, and consulting for resolution of welding issues, welding engineering, welding techniques, and repair procedures. In addition, Jeff is very knowledgeable regarding surface preparation, application, storage, and testing of a variety of paint, coatings, metalizing, and galvanizing systems. He is often called on to consult and troubleshoot coatings issues and review or approve repair procedures.

Mr. Comparato is extremely familiar with ADOT requirements and expectations, having served in this capacity for ADOT and many of BV's other DOT customers. This experience, combined with his experience as the Senior Bridge Engineer for a major bridge fabricator / erector provides Mr. Comparato with the unique experience and insight required to prevent construction issues in the shop and field through providing a comprehensive, complete, and thorough inspection program.

Mr. Comparato has also actively revised State DOT and Fabricator Structural Steel Bridge Welding Specifications and has provided shop inspector training for BV, MOFAB and our clients.

Employment History

Bureau Veritas North America, Columbia, MO

Senior Project Manager, July 2015 - Present

Mr. Comparato's project experience with Bureau Veritas includes, but is not limited to serving as Project Manager for:

- Arizona Department of Transportation - Project Manager since April 2018
- Texas Department of Transportation – Project Manager since January 2020
- Michigan Department of Transportation – Project Manager from January 2020 and scheduled to transfer in April 2024
- Nevada Department of Transportation – Project Manager from January 2020 to March 2024
- Virginia Department of Transportation – Project Manager from March 2017 to March 2024
- Illinois Department of Transportation – Project Manager from February 2020 to March 2024
- West Virginia Department of Transportation – Project Manager from January 2020 to March 2024

Mr. Comparato is one of the few professionals in the DOT quality assurance industry with Professional Engineer and AWS CWI credentials and extensive welding engineering experience. He has experience with both a major fabricator and the leading provider of Quality Assurance Oversight Services. This experience allows Mr. Comparato to effectively supervise, evaluate, train, and motivate BV's inspector workforce and provide ADOT the level of service, technical expertise, and support which ADOT has come to rely on and expect from Mr. Comparato and BVNA.

OCCI, Engineering Contractors Inc. / Missouri Fabricators, Fulton, MO

Project Manager / Senior Bridge Engineer, September, 1986 - September 2014

Some highlights of Mr. Comparato's project experience with OCCI / Missouri Fabricators includes:

- Arkansas and Missouri RR 1/2014 to 6/2014 – Emergency Repair of Lift Span after wire ropes snapped and bridge had wedged in place, including replacement of wire ropes and girder repair utilizing heat straitening techniques and welding.
- CSX Railroad – 12/2009 to 10/2011 – Replaced four 150' spans of existing bridge over the Mohawk River near Albany New York. Fabricated and installed over 1,000 tons of structural steel. Included PDA pile driving analysis, concrete mix design analysis, testing and concrete construction materials inspection.
- UPRR Pekin, IL – 8/2009 to 12/2009 – Lift Span Repair and Rehab – Various steel repairs on multiple bridge spans, including replacement of all wire rope and lift span sheaves, bridge balancing and machinery calibration.
- BNSF - Fracture Critical TPG Swing Span; 10/2007 to 8/2009 – Bridge over Bayou Beouff, LA - Fabrication and assembly of a new 150' swing span with full operating machinery, center pivot and wedges, pile foundations and precast ballast panels.
- KDOT - Fracture Critical Hinge Replacements – 1/2005 to 10/2006 – Tuttle Creek Reservior, Riley County, KS - Removal and replacement of hinge supports and fatigue repairs on fracture critical girders on an existing bridge, acting as the Responsible PE for fabrication and construction including construction materials inspection including Magnetic Particle (MT) inspection in the areas of fatigue repairs and the fracture critical steel fabrication at and installation including, AWS CWI visual weld inspection and NDT and material mechanical property testing.
- MODOT Seismic Retrofit I-64 – 11/2002 to 12/2004 - 14st to 4th Street, St. Louis, MO – Project Manager and CEI bridge Inspector for fabrication and field installation of 200 tons of seismic retrofit fabrications with three coat paint system, including construction materials inspection and quality control functions during fabrication and installation. He also provided analysis and recommendations of field grouting and welding issues which required specification changes through the RFI process.
- ILDOT Seismic Retrofit Poplar Street Complex- 12/1999 to 4/2002 - East St. Louis, IL – Project Manager and CEI bridge inspector for fabrication and initial field installation of 500 tons of seismic retro fit fabrications with three coat paint system, including acting as the Responsible PE that coordinated, performed and supervised fabrication, construction materials inspection, and quality control functions at OCCI's Missouri fabrication facility, shop inspections at various suppliers' and inspection on site, including galvanizing failures and repairs, field welding inspection and consultation on failure analysis of cracked welds and recommendations on revised welding procedures to correct the issue.
- MODOT New Highway 63 Bridge over I-44 at Rolla, MO – 4/1987 to 11/1987 – Fabrication and installation of new bridge structure, serving as the sole bridge construction engineer and construction engineering inspector, responsible for construction materials inspection, including AWS CWI visual weld inspection, nondestructive testing, and materials mechanical properties testing during fabrication and field welding and installation.
- Rock Island Arsenal Swing Span over Mississippi over Lock 15 – 10/1986 to 4/1991 – Rock Island, IL – Multiple major bridge repair as the responsible engineer for bridge installation and construction engineering inspection during installation.

EDUCATION:

BS Mechanical Engineering, University of Missouri
Member of Project Management Institute

DAVID DADDARIO
Senior Project Manager

CERTIFICATIONS:

Professional Engineer in the Following States: NY, MA, NJ, PA, NC, ME, RI, FL, TX

AWS Certified Welding Inspector, Certified Construction Manager, ACI Field Testing Tech I, ICC Reinforced Concrete Inspector, ICC Structural Steel & Bolting Inspector, HMA Construction Technologist. Traffic Control Coordinator

PROFESSIONAL EXPERIENCE:

Mr. Daddario is a professional engineer with more than 15 years of experience providing inspection, quality assurance, design and construction management services for transportation projects nationwide. His specialization is heavy civil construction, including bridge, highway, and tunnels. He has extensive experience with providing and managing quality assurance oversight services for bridge fabrication and construction. He is an AWS CWI and is experienced with providing welding and fabrication inspection. He is familiar with all aspects of project management, from planning and execution to financials and billing. Mr. Daddario's experience includes QA/QC, project management, inspection management, construction management, project financial projection, and schedule compliance.

Recent Experience:

Bureau Veritas North America, Inc.
Project Manager, May 2022-Present
As a Project Manager for BVNA, Mr. Daddario has provided management, technical and logistical support to inspection personnel performing quality assurance oversight services for steel and precast concrete fabrication. He is responsible for managing project and contract budgets, personnel management and providing technical expertise for complex quality and fabrication issues that arise during the fabrication process. Some of his current DOT clients include NYSDOT and Maine DOT. Mr. Daddario is proficient and experienced with the requirements of AWS D1.5, AWS D1.1, AASHTO Specifications, and various State DOT Specifications. He has experience with providing Project Management for DOT contracts similar in size, scope and responsibility to the proposed ADOT contract.

Prior to joining Bureau Veritas, Mr. Daddario held Engineering and Quality Assurance positions with Engineering and Quality Assurance Oversight firms in the New York Metropolitan area for over 14 years.

Selected Project-Specific Experience:

PANYNJ George Washington Bridge Bus Ramps and Bus Turnaround Rehabilitation CM
Resident Engineer for GPI
Managed the preconstruction and construction phases for the $155 million restoration of the 178th and 179th street bus ramps on the Manhattan side of the George Washington Bridge (GWB) for the Port Authority of New York and New Jersey (PANYNJ). The project involved full deck replacement (cast-in-place or precast), the rehabilitation of superstructure and substructure members, building new superstructure and foundations for sidewalks, substructure column base strengthening (for seismic code), drainage and lighting systems replacement, and bridge painting. The project was part of a larger program of construction management (CM) services for PANYNJ's $1.7 billion "Restoring the George" program. Mr. Daddario's responsibilities included administration of the resident engineering work, coordination with the other program contracts, estimating and negotiating claims and change orders, and coordination of lane closures with other projects. He also oversaw quality, budget, contract, and schedule compliance and the development of schedules. Mr. Daddario reviewed and edited internal program schedules and developed a claim tracking program to determine cause and cost of delays. (GPI-10/2017 to 8/2018)

NYCDOT Trans-Manhattan Expressway Connector Ramp Repairs Resident Engineering and Inspection
Resident Engineer for GPI
Provided overall management and administration of Resident Engineering and Inspection (REI) services for $15 million of emergency and maintenance repairs on the Trans-Manhattan Expressway Connector Ramp in New York City. Work included steel repairs, concrete pours, deck replacement, and application of shotcrete. Mr. Daddario's responsibilities included assuring the quality of work performed, estimating and negotiating change orders, coordination with the contractor, and managing compliance with the approved project budget and schedule. (GPI-8/2015 to 9/2017)

NYCDOT Brooklyn Bridge Rehabilitation
Assistant Resident Engineer for GPI
Provided inspection oversight for the $609 million rehabilitation of this iconic national landmark, which included the replacement of approach roadways in Manhattan and Brooklyn over the arch blocks; the rehabilitation of the Manhattan side ramp structures via deck and bearing replacements and widening; and the rehabilitation of the approach steel structures via the full replacement of the superstructure of the structures located at Main Street and Pearl Street, and the installation of the orthotropic deck at Franklin Square. The project also involved seismic retrofitting of the main bridge, Franklin Square and ramp structures; the painting of the ramp structures and suspended spans in their entirety; and the restoration of historic features. Mr. Daddario managed a team of inspectors and coordinated work with the contractor and engineer-of-record. (GPI-2/2015 to 8/2015)

Metro North Patterson Bridge Replacement
Constructability Engineer for STV
The MNR Paterson Bridge Replacement was a $10 Million double rail bridge replacement within the Great Swamp north of Patterson NY. The project included a multitude of challenges including access development through a half mile of protected swamp, environmental/wildlife constraints, construction of foundations around an active railway, and replacement of rail bridges on weekend outage schedules. Responsibilities included shop inspections, review of change order drawings, contractor's work plans, and crane/hoisting plans. (STV-4/2019 to 5/2020)

Contract No. P200.252 Shoulder Widening of the Garden State Parkway, Egg Harbor, NJ
Scheduler/Geotechnical Engineer for KSE
This $82 million project consisted of the full replacement of 8 roadway bridges along the Garden State Parkway (GSP), and the widening of the parkway adding additional lanes and shoulder. Mr. Daddario was responsible for monitoring the Construction schedule and evaluating the installation of 82,900sqft of a retaining wall type not previously used by the Authority. (KSE-9/2020 to 4/2021)

NJTA Delaware River Turnpike Bridge Painting, Rehabilitation, and Emergency Repairs, PA and NJ
Site PE/CWI for STV
Certified Welding Inspector for the $54 million painting and steel rehabilitation for the Delaware River Turnpike Bridge between PA and NJ for the New Jersey Turnpike Authority (NJTA). Work on this 31-span, 1.8 million-square foot area truss style bridge included a new 3-coat paint system, structural steel rehabilitation, SSPC containment system, work platform, shielding, seismic retrofit, bearing pad replacement, emergency truss repairs, and improvements to catwalk, lighting, and other bridge systems. The project also included $12 million to implement emergency repairs to a fractured bridge truss. These emergency repairs included the vertical jacking, horizontal realignment of the bridge, and replacement and strengthening of multiple structural members. Mr. Daddario was required to perform emergency repair inspection on the bearings under the NJ and PA approaches after it was found that cracks had developed in the new bearings. (STV-10/2018 to 12/2018)

Contract No. BF-48-2016 Benjamin Franklin Bridge 4th Street Garage Repair of Columns & Bents with Cathodic Protection, DRPA, Philadelphia, PA
Assistant Resident Engineer for KSE
The $6 million contract consisted of the installation of a new Cathodic protection system, column bearing & pedestal repairs, partial depth spall repairs, and electrical installations within the PA 4th St garage. Mr. Daddario's responsibilities included change order preparation & negotiation, RFI review, design review & adjustments, payment review, repair tracking, and report development. (KSE-6/2020-10/20)

EDUCATION:

University:
Master of Science, Business Administration; CUNY Baruch (2012)
Bachelor of Science, Engineering; The Cooper Union (2007)

Training
OSHA 10-Hour Construction Safety & Health
OSHA 30-Hour Construction Safety & Health
Primavera 6 Scheduler Training
Confined Space Training

JENNIFER HASSE

Resource / Project Coordinator

PROFESSIONAL EXPERIENCE:

Bureau Veritas North America, Inc.
Project Account Manager, 2012 - Present

Since 2012, Ms. Hasse has been performing general project management and inspection coordination duties. These duties include: scheduling, preparation & dissemination of the inspection assignments; establish understanding and procedural aspects of assignments; monitoring project performance in accordance with contract requirements; maintaining the quality of technical services provided to including monitoring project budgets; forecasting billable hours for current and future projects; preparing cost estimates for purchase orders; tracking PO funds, billed to date and work in progress (WIP), to ensure not to exceed dollar limits; review and maintenance of inspection reports / project documents; and timely & accurate invoicing.

A list of clients Mrs. Hasse has assisted on includes:

- Arizona DOT
- Arkansas DOT
- BNSF
- CONSOL
- Delta
- DeFoe
- DS Brown/Seismic
- Fischer Associates
- Florida Department of Transportation
- GMF Steel
- High Steel Structures, Inc.
- Hubble Roth & Clark (HRC)
- Illinois DOT
- Industrial Steel Construction
- Keegan Technology & Testing Assoc. (KeyTech)
- Kentucky Transportation Cabinet
- KLJ Engineering
- Maine DOT
- Meade Industries
- Michigan DOT
- Minnesota DOT
- New Hampshire DOT
- North Dakota DOT
- PrePass LLC
- RTI Bridge
- Tampa Steel
- Tampa Tank/FSS
- Texas DOT
- Valmont Industries
- Venture Electric
- Veritas Steel
- Volkert I-4 Ultimate
- Walsh-Vinci
- White-Skanska
- West Virginia Department of Highways

JENNIFER HASSE

Resource / Project Coordinator

American Heart Association
Events Coordinator, 2010-2012

- Multi-tasking, planning & coordinating logistics for 8 major events per year
- Following up with companies to check on status of sponsorships
- Coordinating the design, production, & purchasing of marketing materials
- Maintaining event websites & database systems
- Managing accounts payable & receivables, cash deposits, reconciliation of events, credit card transactions
- Recruiting volunteers for events and building relationships with customers (i.e. sponsors, board members, walk teams, etc.)
- Sitting on two committees for AHA – Wellness Committee & Heart Camp Committee

Henry Schein Dental
Events Coordinator, 2007-2009

- Supervising six regional administrative assistants
- Reviewing weekly and monthly reports for sales reps and managers
- Processing and submitting expense reports for 10 managers
- Handling confidential information daily (i.e. commission reports, salaries, new hire background information, etc.)
- Coordinating travel, meetings, conference calls, hotel, food arrangements, and performing standard office tasks

EDUCATION:

B.S. Business Administration, Minnesota State University

RAY MOMSEN
ASNT Level III / Vice President, Transportation & infrastructure Division

CERTIFICATIONS:

- **ASNT NDT Level III UT #20221 – Current Cert. Expires 3/1/2027**
- **ASNT NDT Level III PT #20221 – Current Cert. Expires 3/1/2027**
- **ASNT NDT Level III RT #20221 – Current Cert. Expires 3/1/2027**

Certified as an ASNT Level III for +35 years. Prior Level II Certifications in the NDT methods of Radiographic, Magnetic Particle, Liquid Penetrant, Ultrasonic, and Visual Testing/Examination

PROFESSIONAL EXPERIENCE:

Mr. Momsen is a highly competent professional with over 35 years of technical management, project management, and business management experience in the Nondestructive Testing (NDT), Inspection, and Engineering Services industries. Well-rounded experience includes: Business Management, Technical Management, Expert Witness & Technical Support for Forensic Engineering Projects, Project Management, Quality Assurance/Quality Control, Financial Analysis, Staff Selection & Recruiting, Operations, and Occupational Safety. ASNT Level III in Radiographic, Ultrasonic, and Liquid Penetrant Testing.

Mr. Momsen has extensive experience with a wide variety of industrial segments including structural steel fabrication, bridge fabrication, infrastructure/industrial construction projects, rail transportation, transit agencies, welding and fabrication. His technical training and background includes NDT, QA/QC, metallurgical testing, concrete inspection, coatings inspection, welding processes/procedures, and Occupational Safety.

Bureau Veritas North America, Inc. – Lisle, IL
Vice President, Transportation & Infrastructure (T&I) Division, 2014 - Present
Mr. Momsen is responsible for all aspects of the T&I Division, including management of the division, contract management, project management oversight for major projects/contracts, managing customer relationships, technical (ASNT Level III) support, recruiting & staffing, operations management oversight, quality assurance for the services supplied to clients, occupational safety, and providing expert witness and technical support for forensic engineering customers. Mr. Momsen has had overall oversight responsibility for numerous State DOT bridge fabrication inspection contracts since 2014, including the ADOT contract. He has structured the division to assure exceptional safety, operational, technical and quality performance with a strong customer focus. He frequently visits DOT clients to assure customer satisfaction and works with BV Project Managers to provide consulting for resolution of quality issues, nonconforming conditions, and inspection or NDT technical issues. He participates in development and review of Inspection and Test Plans, Project Plans, NCR Procedures, and RFI review and resolution. Development and implementation of solutions to meet unique or challenging client inspection needs is a particular strength.

Acuren Inspection - Tinley Park, IL and Dayton, OH
A National Independent NDT Testing Laboratory Company
Division Manager and Key Account Manager, April 2009 to July 2014
Responsible for all aspects of the Chicago Division, including overall management responsibilities, P&L management, managing customer relationships, technical (ASNT Level III) support, recruiting & staffing, project management for major projects, operations, quality assurance, occupational safety, radiation safety, and administration. Managed major accounts worth over $20 million in annual sales, including primary customer contact, project management for major projects, staffing, operations management, solving customer problems, and ensuring that all customer needs were met with the highest level of customer service. Identified, investigated and developed advanced inspection and testing technologies to meet client needs and solve difficult inspection needs. Improved technical, quality, safety, operational, and administrative performance that resulted in extremely high customer satisfaction and growth of the division from $3 million to over $20 million in annual sales. Provided ASNT Level III consulting services, including serving as an expert witness for forensic engineering litigation cases.

Exponent, Wood Dale, IL
A National Engineering Solutions and Failure Analysis Company
Technical Specialist
November 2005 to April 2009

Provided NDT Level III consulting services to support forensic engineering and failure analysis projects, including expert witness services. Managed major projects, including serving as construction manager for $10 million chemical plant rebuild after fire and freeze damage incidents. Other project management experience included railroad car bolster inspection, coal dust mitigation testing & evaluation, Puerto Rico bridge collapse investigation, uranium enrichment pressure vessel evaluation, and Seattle Monorail repair projects. Designed and implemented field investigations, experiments, and simulations, including evidence preservation/collection and incident response. Provided ASNT Level III oversight and management of all contracted NDT services.

U.S. Inspection Services, Willowbrook, IL
A Regional Independent NDT Testing Laboratory Company
Division Manager
October 2001 to November 2005

Started the Chicago Division for the company and grew it to over $3 million in sales. Responsible for all aspects of the division, including P&L management, project management, customer contact, recruiting & staffing, operations, ASNT level III services, occupational safety, radiation safety, sales, and administration. Project management of multiple nuclear outage and maintenance/modification projects world-wide.

Conam Inspection, Glendale Heights, IL
A National Independent NDT Testing Laboratory Company
Support Services Manager
June 1998 to October 2001

Managed technical, staffing, operations, and analysis support for Group Vice President. Projects included evaluation and implementation of Advanced NDT Services as ASNT Level III manager; developing and implementing recruiting department that was responsible for staffing over 300 positions each spring and fall to support large key account project work, and financial, P&L, and manpower requirement analysis. Provided project management support for multiple nuclear outages, steam generator replacement projects, and various nuclear systems modification projects.

Prior Assignments include technical positions responsible for managing, supervising or conducting various inspection, testing, certification, and Quality Assurance / Quality Control activities in a wide variety of industries and applications.

EDUCATION:

Bachelor's Degree/Equivalent Education:
Ball State University, Muncie, IN: Engineering and general studies.
University of Illinois, Urbana, IL: Science curriculum.
Moraine Valley College, Palos Hills, IL: Engineering, Nondestructive Testing, and business curriculum.
Degrees in Science and Nondestructive Testing - Graduated with Honors, Cum Laude

Certificates of training in Industrial Radiography, Ultrasonic Testing, Magnetic Particle Testing, Liquid Penetrant Testing, and Eddy Current Inspection.

Manuel Aguilar
Certified Welding Inspector / NDT Technician

CERTIFICATIONS:

CWI No. 07071211 Exp. 07/01/2025

MT Level II Exp 9-30-2026, UT Level II Exp 9/30/2026

ICC Structural Steel & Bolting No. 826219

PROFESSIONAL EXPERIENCE:

Bureau Veritas North America, Inc.
Quality Assurance Inspector
2018 – Present

Certified Welding Inspector providing expert technical services relating to testing and inspection of structural steel and non-destructive testing. Performs plant and field quality assurance testing, inspection, and sampling according to specifications. Mr. Aguilar is currently performing Fabrication Shop QA Inspection for Arizona DOT at Stinger Bridge & Iron located in Phoenix, AZ.

Project Experience

Materials Inspection Sampling and Testing
Various Clients

Manny Aguilar has been providing shop Inspection Services of structural steel bridges, sign structures, field welding operations, and related highway materials for various clients. Also, Mr. Aguilar has performed structural steel fabrication inspection at various locations, as requested by BV's clients. Services provided for the different projects have included reviewing Procedure Qualification Records (PQRs) and Welding Procedure Specifications (WPSs) for compliance with client specifications and the American Welding Society D1.1 Welding Code and D1.5 Bridge Welding Code, including Fracture Critical applications; assisting field personnel with high strength bolting, welding and coatings (paint, galvanizing, powder coating, etc.) inspection; running prefabrication meetings and inspecting bridge components. In addition, Mr. Aguilar reviews Mill Test Report Certificates (MTRs); witnesses and reviews welders' and NDT Technicians' certifications; reviews welder continuity logs, Non-Conformance Reports, repairs and perform weld audits to verify traceability, before, during and after welding operations. He also monitors lay-down and assembly operations and verifications, in addition to verifying and performing final inspection on all components. His final inspections include loading and shipping of all fabricated material. Mr. Aguilar also reviews quality control documentation specific to the project to include: NDT reports and bill of lading. When required, he assists shop, field and client's field personnel to develop solutions for non-compliance issues and witnesses and verifies its implementation. Finally, Mr. Aguilar reviews and compiles a final project packet to ensure project close-out and accuracy / completeness of all documentation.

Previous Employment

Komatsu
CWI/QC/NDE Inspector, 2018

Performed quality assurance inspections, welder testing and certifications, MT, UT and thickness testing of welds and components.

Manuel Aguilar
Certified Welding Inspector / NDT Technician

Hyperloop One
CWI/QA/QC/NDE Inspector 2017

Provided Quality Assurance field inspections of structural steel, painted parts, train components, welds and machined parts to client specifications. Tested welders and inspected production welds to D1.1 and D1.5 requirements. Monitored and provided quality assurance inspection using eddy current, PAUT, MT and PT procedures.

Interra Inc.
CWI/QA/QC/NDE Inspector, 2014

Provided Quality Assurance inspection, NDT and structural inspection to applicable codes. Quality assurance inspections for Salt River Project power plant during replacement of all primary re-heater and super heater tubes in accordance with ASME B31.1, ASME1 and ASME 9. Conducted Borescope examinations, UT, and PAUT on CJP welds.

Tectonic Engineering & Surveying Consultants, PC
QC/NDE Inspector, 2013

Performed visual weld inspections, verified weld certifications, performed UT of CJP welds of piles at main span compression and tensile. Highly knowledgeable of AWS D1.1, D1.5 and the New York State Steel Construction Manual.

Cole Technologies/Controlled Inspection, Inc.
QC/NDE Inspector, 2013

Performed visual weld inspections of structural steel components and mechanical pipelines. Verified welder certifications to approved procedures. Performed MT, UT of welds applicable to codes API 1104, D1.1, D1.8, ASME B31.1, ASTM E-709, E164.

Notable Projects:

- John F Kennedy International Airport Terminal, Port Authority of NY&NJ
- La Guardia International Airport, Port Authority of NY&NJ
- World Trade Center Tower, Port Authority of NY&NJ

EDUCATION:

Diploma, South Mountain High School, Phoenix, AZ

Paul Dawson

Certified Welding Inspector / UT Lv II Tech

CERTIFICATIONS:

AWS CWI #93100261 Exp. 10/1/2026

UT Level II Exp. 8/2/2026

PROFESSIONAL EXPERIENCE:

Bureau Veritas North America, Inc.
Quality Assurance Inspector, December 2015-Present

Mr. Dawson has over 45 years of experience providing quality assurance inspection services. He is a highly qualified senior Quality Assurance and NDT Inspector in the nuclear, construction, oil piping, and steam power, transportation, manufacturing and utility industries. Mr. Dawson has experience with the visual inspection of welds, dimensional verifications, and inspection of coating applications and preparation, inspection of bridge girders, crossframes, diaphragms, bearings, traffic poles and light poles, railing, drainage components, along with MTR & WPS review and the maintenance of required project documentation. He has also witnessed UT, MT, RT & PT methods during fabrication of bridge projects. Mr. Dawson's other area of expertise includes computer skills, knowledge of applicable codes including AWS D1.1, D1.2, D1.5 and D1.6 as well as other ASME, ANSI and ASTM along with client specific specifications. He also has Fractural Critical Material (FCM) inspection experience.

Mr. Dawson has worked numerous projects for state departments of transportation agencies and private companies as a Quality Assurance Certified Welding Inspector. Clients include:

- Massachusetts Department of Transportation
- Arizona Department of Transportation
- New York State Department of Transportation
- HAKS Engineers
- Volkert & Associates, Inc.

Vigor/Oregon Iron Works
Nuclear AP1000 Module Inspector, June 2015-August 2015

Mr. Dawson was responsible for visual, ultrasonic, magnetic particle and liquid penetrant inspections of AP1000 wall modules to be used in the construction of Vogtle and DC Summer nuclear facilities.

Matrix Service Inc.
Piping and Structural Welding Inspector, April 2015 – June 2015

Mr. Dawson was responsible for performing welding inspections, flange gasket surface inspections and structure walk downs at Rickman Creek Gas Compressor Station.

Diana Prince Construction, Inc.
Welding Inspector, February 2015- March 2015

Mr. Dawson performed Quality Control inspections at the Kauai Biomass Generating Station. He performed visual weld inspection and reviewed final documents under ASME Section I for boiler piping in preparation for the Hawaii Boiler Department.

ASR International
Valve and Actuator Inspector, November 2014- December 2014

Mr. Dawson performed source inspection document review, visual and dimensional inspections of Saudi Elastomers project valve assemblies at Flowserve Bay Limited in Springville, Utah. Coordinated with engineers and contract administrators on various occasions for proper release of valves when shipping.

Project Assistance Corp.
Certified Welding/Quality Assurance Inspector, January 2014- May 2014

Mr. Dawson performed weld document review of Westinghouse AP1000 nuclear fabrication documentation at Bay Limited at Lake Charles, LA. Verified American Bridge and Iron NDE and Visual Inspection documents were complete and legible. Coordinated with engineers to ensure quality assurance and documented all observations using various databases.

Weld Spec. – Lumberton, TX
Certified Welding Inspector/ NDE Quality Control, September 2013 – October 2013

Mr. Dawson performed visual and dimensional inspections of welds, piping flange face visual inspections, clean and closure inspection before final torque of flange bolts, walk down piping systems and witnessed hydrostatic testing.

Team Industrial Services – Denver, CO
Certified Welding Inspector/ Quality Assurance Inspector, August 2012 – September 2012

Mr. Dawson performed hydrostatic leak testing, NDE inspection and documented review of pip welding reports for the Canadian Horizon Oil Sands extraction project in Billings, Montana.

AMEC Engineering – Vallejo, CA
Certified Welding Inspector/ Quality Assurance Inspector, September 2011 – September 2012

Mr. Dawson performed bridge fabrication inspections which included visual testing, radiography film interpretation, ultrasonic testing and magnetic particle testing processes.

CALTROP Corp. – Upland, CA
Certified Welding Inspector/ Quality Assurance Inspector, January 2009 – July 2011

Mr. Dawson performed AWS D1.5 visual and nondestructive testing inspections of the San Francisco to Oakland Bridge structural steel bridge components at Zenhua Port Machinery Company, Ltd., Changxing Island, Shanghai, China.

Mactec Engineering – San Diego, CA
Certified Welding Inspector/ Quality Assurance Inspector, July 2003 – December 2008

Mr. Dawson performed AWS D1.5 and AWS D1.1 visual and nondestructive testing inspections of structural steel bridge components, sign structures and other steel items at multiple locations around the United States and China. Monitored fabrication and construction of the new San Francisco to Oakland Bay Bridge.

EDUCATION:

BA- Industrial Arts, San Diego State University, San Diego, CA

TIMBER LOVELAND
Certified Welding Inspector / NDT Technician

CERTIFICATIONS:

AWS CWI #16121311 – Expires 12/01/2025

ASNT NDT II – Ultrasonic Testing – Expires 2/2027

ASNT NDT II – Magnetic Particle Testing – Expires 4/2027

ASNT NDT II – Liquid Penetrant Testing – Expires 4/2027

Eddy Current Level II

FHWA-SA-91-031 "High Strength Bolts for Bridges" – BV Course Completed

PROFESSIONAL EXPERIENCE:

Bureau Veritas North America, Inc.
Quality Assurance Inspector
2017- Present

Ms. Loveland has over seven years of experience providing quality assurance services. In 2017 she joined Bureau Veritas to provide inspection of structural steel for the bridge industry. Ms. Loveland has experience with visual inspection of welds, dimensional verifications, inspection of coating applications and preparation, bridge girders, railings, bearings, piping components, pressure vessels, galvanizing, and maintenance of required documentation. She has also witnessed MT, RT, UT and VT methods during the fabrication process. She is highly knowledgeable of many specifications and codes such as AWS D1.1, D1.5, B31.1, B31.3 and ASME VIII

Materials Inspection Sampling and Testing
Florida Department of Transportation Specific Experience:

Timber Loveland has been providing shop Inspection Services of structural steel bridges, sign structures, field welding operations, such as jack & bore and piles, and related highway materials for the Florida Department of Transportation (FDOT). Also, Ms Loveland has performed structural steel fabrication inspection at various locations, as requested by FDOT. Services provided for the different projects have included reviewing Procedure Qualification Records (PQRs) and Welding Procedure Specifications (WPSs) for compliance with FDOT specifications and the American Welding Society D1.1 Welding Code and D1.5 Bridge Welding Code, including Fracture Critical applications; assisting field personnel with high strength bolting, welding and coatings (paint, galvanizing, powder coating, etc.) inspection; running prefabrication meetings and inspecting bridge components. In addition, Ms Loveland reviews Mill Test Report Certificates (MTRs); witnesses and reviews welders' and NDT Technicians' certifications; reviews welder continuity logs, Non-Conformance Reports, repairs and perform weld audits to verify traceability, before, during and after welding operations. She also monitors lay-down and assembly operations and verifications, in addition to verifying and performing final inspection on all components. Her final inspections include loading and shipping of all fabricated material. Ms Loveland also reviews quality control documentation specific to the project to include: NDT reports and bill of lading. When required, she assists shop, field and FDOT personnel to develop solutions for non-compliance issues and witnesses and verifies its implementation. Finally, Ms Loveland reviews and compiles a final project packet to ensure project close-out and accuracy/completeness of all documentation. Ms Loveland's Project Experience includes, but is not limited to:

- Ms. Loveland provided Quality Assurance Inspection Services during the fabrication of sign structures at Premier Fab and Highway Systems for the following projects:
    - SR 93/I-75 ML System, from S of Miramar Pkwy to S of Sheridan St, FPN 421707-4-52-01
    - I-75 Express lanes Segment D - from S of Sheridan St to N of Griffin Rd, FPN 421707-5-52-01
    - SR 9 / I-95 and Spanish River Blvd Interchange, FPN 412420-3-52-01

- SR 826 / I-75 Express Lanes Design-Build Project, FPN 432687-1-52-01
- I-95/SW 10th Street Interchange Improvements, FPN 430932-1-52-01
- Widen Beachline (SR 528) from I-4 to Turnpike (MP 0-4.278), FPN 406090-5-52-01
- I-75 Widending Segment 4, FPN, 411011-4-52-01
- FL Turnpike Electronic Tolling, FPN 436619-1-52-01

- I-75 Widending Segment 4, FPN 411011-4-52-01 – Ms. Loveland provided QA inspection of bridge girders at Florida Structural Steel/Tampa Tank in Tampa, FL

Additional Project Experience:

- **I-4 Ultimate Project:** Ms. Loveland provided QA services during fabrication of the required Plate Girder systems at Veritas Steel – Palatka, FL and Tampa Tank/Florida Structural facilities in Tampa Florida.
- **Mississippi Department of Transportation** – Ms. Loveland performed Quality Assurance Inspection Services for Job number 2045 for the state of Mississippi, of overhead box trusses and butterfly structures.

Quality Testing and Inspection (QTI) - 2016
NDT Technician

Ms. Loveland was responsible for performing multiple methods of NDT inspection on fracture critical, ballistic grade bridge fabrications adhering to the AWS D1.5 codes. She performed multiple methods of NDT inspection on numerous projects ensuring they comply with AWS D1.1 codes. She performed multiple methods of NDT inspection on pressure vessels per ASME VIII. Performed multiple methods of NDT inspection on power piping and process piping following AWS B31.1 and B31.3 codes and conducted holiday tests on semi-truck tanks. She was responsible for building excellent relationships between the company and its clients.

Metchem Testing / Metaltech NDT / UNSDT – 2011 to 2016
NDT Technician / Radiation Safety Officer

Ms. Loveland was a Radiation Safety Officer who was responsible for adhering and creating safety procedures, audits and programs per NRC and state requirements. She performed multiple methods of NDT inspection on fracture critical ballistic grade bridge fabrications adhering to the AWS D1.5 codes. Performed multiple methods of NDT inspection on numerous projects ensuring they comply with the AWS D1.1 codes. Performed multiple methods of NDT inspection on pressure vessels per ASME VIII. Performed multiple methods of NDT inspection on power piping and process piping following AWS B31.1 and B31.3 codes and also conducted holiday tests on semi-truck tanks. Responsible for building excellent relationships between the company and its clients.

EDUCATION:

Diploma, High School

Radiation Safety Officer

Jordan S. Wind
NDT Manager / ASNT Level III / AWS CWI

CERTIFICATIONS:

ANST Level III UT #155638 – Expires 12/31/2027

AWS CWI #17010091 – Expires 01/01/2026

Certified to SNT-TC-1A Level II MT – Expires 12/01/2025

Certified to SNT-TC-1A Level II PT – Expires 12/01/2025

Phased Array Ultrasonic Testing SME

API QUTE #32756 (Previously held certification)

Chevron Qualified – PAUT and TOFD

PROFESSIONAL EXPERIENCE:

Bureau Veritas North America, Inc. – NDT Manager / PAUT SME

Jordan Wind, ASNT Level III and CWI, manages BV's NDT program including personnel selection and training, equipment selection, procedure and technique development, project management, technical support, quality oversight, data analysis and reporting.

Mr. Wind is a quality assurance and inspection professional with over 17 years of NDT and inspection experience, specializing in advanced ultrasonic testing methods for various applications and industries. His professional experience includes NDT operations and project management, technical oversight and support, and inspection using automated and manual phased array ultrasonic testing (PAUT), automated ultrasonic testing (AUT), and time of flight diffraction (TOFD).

Mr. Wind is also the technical lead for BV's robotic inspection program. His field experience with robotic inspection technology includes Magnetic Flux Leakage (MFL) testing of wire ropes, tendons and cables utilizing BV's RopeScan®, TendonScan®, and CableScan® systems, as well as PoleScan® for close-visual inspection (CVI) of high mast light poles.

UT Quality / RAE Energy – Project Manager / NDT Level III

Responsibilities included business development, operations and technical support / leadership for AUT, PAUT, and TOFD applications in oil & gas pipeline and fabrication. Duties included: finding new clients, recruiting and hiring of new personnel, team-building and client stewardship, project start-up, client billing, training, and assignment / management of NDT personnel. Established, implemented, and managed in-house certification program in accordance with SNT-TC-1A.

Q. Pro Technical Services – Senior NDE Quality Specialist

Developed and performed advanced ultrasonic testing techniques for applications in all industries.

Conam Inspection and Engineering – Advanced Ultrasonic Testing Technician

Performed automated and manual, conventional and phased array ultrasonic testing techniques for various applications in oil, gas and petrochemical industries.

EDUCATION:

2021 – EddyFi

- 24-hour TFM / FMC Phased Array Ultrasonic Training

2016 – Bureau Veritas North America, Inc.

- 40-hour American Welding Society Certified Welding Inspector Seminar

2011 – 2016 – UT Quality, Inc.

- 40-hour UT Scan Wizard Zonal AUT Technique Development Training Course – UT

Technology

2008 – 2011 – Q.Pro Technical Services

- 80-hour MetaPhase Ultrasonic Phased Array Technology Training Course – Metalogic Inspection Services
- 16-hour API QUSE Training Course – Mark Davis / University of Ultrasonics
- 40-hour Advanced Ultrasonic Flaw Detection and Sizing Class – San Jacinto College

2006 – 2008 – Conam Inspection & Engineering Services, Inc.

- 40-hour Advanced Phased Array Acquisition and Analysis – Olympus NDT
- 40-hour Introduction to Phased Array Training Course – Mark Davis NDE
- 80-hour Automated Corrosion Mapping Training Course – Conam

2005 – 2006 – Southeast Community College

- Associate of Applied Science Degree in Nondestructive Testing Technology

Representative Experience:

CLIENT	PROJECT	INDUSTRY	POSITION/RESPONSIBILITY
American Tower	Anchor Rod Testing	Infrastructure	Guided Wave Testing of Anchor Rods on Broadcast Towers
Nevada DOT	Bridge Pin Testing	Infrastructure	Perform UT Inspection on Bridge Pins
Biggs Cardosa	WLUC Pedestrian Bridge	Infrastructure	CVI and MFL Testing of Wire Ropes
Bridging North America	Gordie Howe Bridge	Infrastructure	CWI Shop Inspection for Bridge Fabrication
American Tower	Broadcast Towers	Infrastructure	CVI and MFL Testing of Guy Wires
Freyssinet	Atlantic Bridge Panama	Infrastructure	CVI and MFL Testing of Bridge Stay Cables
Michael Baker	US Army Corps of Engineers	Infrastructure	PAUT, TOFD and TFM/FMC on HSS Welds
Voestalpine	Crane Cable Inspection	OGP	CVI and MFL Testing of Crane Cables
Gulf Power	NFRC Project	Energy	Fab Inspection and NDT of Power Poles
Vertical Bridge	Broadcast Towers	Infrastructure	CVI and MFL Testing of Guy Wires
NBC Universal	KVDA Broadcast Tower	Infrastructure	CVI and MFL Testing of Guy Wires
Konecranes	Coker Crane Fabrication	OGP	CWI Shop Inspection and NDT Level III Witness
Tegna Media	KHOU Broadcast Tower	Infrastructure	CVI and MFL Testing of Guy Wires
AvanGrid	NYS Electric & Gas	Energy	Visual Inspection and NDT of Galvanized Structural Steel and Power Poles
Eastern Electric & Construction	McGuire AFB	Infrastructure	CVI and UT on Airfield Light Poles
Hill Management	Roof Cable Inspection	Infrastructure	CVI and MFL Testing of Wire Ropes
Nevada DOT	Bridge Pin Inspections	Infrastructure	Performed UT on Bridge Pins

ALBERT CARR

Senior Inspector / ASNT NDT Level III / CWI

CERTIFICATIONS:

ASNT Level III UT, Certificate #21810 – Expires 10/01/2028

ASNT Level III MT, Certificate #21810 – Expires 10/01/2028

ASNT Level III RT, Certificate #21810 – Expires 12/01/2028

ASNT Level III PT, Certificate #21810 – Expires 12/01/2028

AWS CWI #86090023 – 38 Years Certified - Expires 09/01/2025

PROFESSIONAL EXPERIENCE:

Bureau Veritas North America, Inc.
Quality Assurance Inspector, NDT Consultant
2010 – Present

Mr. Carr has over 38 years' experience performing inspection services on a number of projects relating to bridges, sign structures, structural steel, and NDT testing. He has worked with testing of electric power and chemicals. His experience also includes performing inspections on amusement rides, tanks and piping, aerospace, building fabrication and erection.

Throughout his career, Mr. Carr has worked on numerous projects for FDOT, the Miami Dade Expressway Authority and other State DOTs. He has performed quality assurance shop inspection services during fabrication of over 100 tub girders on the SR836 Extension, as well as bridge repair and testing of the NW 12th Avenue Bridge. He has also participated in various structural steel projects including Bridge of Lyons Rehab where he provided inspection of required plate girders and new structural and mechanical components at Florida Structural Steel.

Since joining Bureau Veritas, Mr. Carr has provided expert inspection services on projects for various Department of Transportation authorities. He has worked as an Inspector for span and cantilever sign structures for the Florida Department of Transportation, as well as for the NYC Department of Transportation on the replacement of shore Road Belt Parkway Bridge over the Paerdegat Basin Borough of Brooklyn.

Along with his experience, Mr. Carr is certified by the American Welding Society as a Certified Welding Inspector. He is also certified as a Level III Inspector by the American Society for Non-destructive Testing in the following NDT methodologies: RT, MT, PT and UT. He holds professional memberships with the American Welding Society and is also a member of the American Society of Non-destructive Testing. He is fluent in Spanish.

Materials Inspection Sampling and Testing
Since 2010 Albert Carr has been providing shop Inspection Services of structural steel bridges, sign structures, field welding operations, such as jack & bore and piles, and related highway materials for the Florida Department of Transportation (FDOT). Also, Mr. Carr has performed structural steel fabrication inspection at various locations, as requested by FDOT. Services provided for the different projects have included reviewing Procedure Qualification Records (PQRs) and Welding Procedure Specifications (WPSs) for compliance with FDOT specifications and the American Welding Society D1.1 Welding Code and D1.5 Bridge Welding Code, including Fracture Critical applications; assisting field personnel with high strength bolting, welding and coatings (paint, galvanizing, powder coating, etc.) inspection; running prefabrication meetings and inspecting bridge components. In addition, Mr. Carr reviews Mill Test Report Certificates (MTRs); witnesses and reviews welders' and NDT Technicians' certifications; reviews welder continuity logs, Non-Conformance Reports, repairs and perform weld audits to verify traceability, before, during and after welding operations. He also monitors lay-down and assembly operations and verifications, in addition to verifying and performing final inspection on all components. His final inspections include loading and shipping of all fabricated material. Mr. Carr also reviews quality control documentation specific to the project to include: NDT reports and bill of lading. When required, he assists shop, field and FDOT personnel to develop solutions for non-compliance issues and witnesses and verifies its implementation. Finally, Mr. Carr reviews and compiles a final project packet to ensure project close-out and accuracy/completeness of all documentation. Mr. Carr's Project Experience includes, but is not limited to:

- I-4/Selmon Expressway Connector, FPN 258415-1-52-01– Mr. Carr performed weld Inspection & witness nondestructive testing during the fabrication of steel at GMF in Lakeland, FL as well as during field construction
- Veterans Expressway (SR 589) Widening from Gunn Highway to Sugarwood, FPN 429350-1-52-01 - Mr. Carr performed

quality assurance services during the fabrication of bridge girders at Tampa Tank located in Tampa, FL.

- SR 826/I-75 Express Lanes Design Build, FPN 432687-1-52-01 - Mr. Carr performed quality assurance services during the fabrication of bridge girders at Tampa Steel Erecting located in Tampa, FL.
- SR 30 at US 368 Intersection, FPN 217976-3-52-01 - Mr. Carr performed quality assurance services during the fabrication of bridge girders at Tampa Steel Erecting located in Tampa, FL
- Bridge of Lyons Rehab - Mr. Carr provided QA inspection of required plate girders and new structural and mechanical components at Florida Structural Steel and Tampa Steel erectors in Tampa, FL
- Fixed Bridge Fabrication for SR 836 Extension – Mr. Carr performed quality assurance shop inspection services during the fabrication of over 100 tub girders.
- Various Sign Structures, FPN Various: Mr. Carr provided NDT / Forensic Investigations for various sign structures (high mast light poles, cantilever sign structures & mast arms, traffic signal mast arms) that exhibited potential failures. These structures were located throughout various FDOT Districts and FL Turnpike Roadways.

Non-Destructive Testing Consultant
Various Projects

As an ASNT NDE Level III with an extensive background, Mr. Carr is one of BV's Technical Advisors to the Transportation & Infrastructure Division. He provides consultation in the areas of non-destructive testing, review of the NDT procedures submitted by fabricators / manufacturers, assessment of non-destructive procedures related to welding / repairs, interpretation of specifications, and development of inspection procedures.

NDT Training and Certification

Mr. Carr provides necessary training and examination of BV Employees requiring NDT Level II recertification. In addition, he provides NDT Level III services on behalf of numerous BV Clients which include: review of personnel training records; administration of both hands-on and written examinations related to qualification testing of personnel; review and/or generation written non-destructive test procedures; and provide certification of personnel qualifications. Non-destructive test methods are typically Liquid Penetrant (PT), Magnetic Particle (MT), Radiographic Film Interpretation (RT) and Ultrasonic test (UT) methods

Ultrasonic Testing
Jacobs Engineering/Norfolk Southern

Mr. Carr performed Nondestructive Evaluation of Bridge Pins on Norfolk Southern Through Truss Railroad Bridge in Kenova, WV. The procedure was performed using an ultrasonic technique known as ShafTest. This is a semi-automated ultrasonic inspection system developed by Bureau Veritas specifically to address the technical challenges of testing pins where access is limited to the end faces. ShafTest allows reproducible data capture and, together with the analysis tools we have developed, allows for the monitoring of changes in pin condition over time and significantly increases the probability of detection over manual ultrasonic testing.

Mactec Engineering and Consulting – 1985 to 2010
Quality Assurance Inspector

Curtis F. McKnight Testing Labs - 1984 to 1985
Inspector

EDUCATION:

Training and Technology, Y-12 Plant, Tennessee

B.S. Agriculture, University of Tennessee

Dawin Stewart
Coatings Inspector – NACE Level III

CERTIFICATIONS:

NACE Level III #16034 – Expires 12/21/2025

PROFESSIONAL EXPERIENCE:

Bureau Veritas North America, Inc.
Quality Assurance Inspector
2014 to Present

Mr. Stewart has over 35 years of experience with the installation, selection and inspection of corrosion resistant coatings and linings in marine, military, petroleum and pipeline and construction industries. His duties include visual inspection of coating preparation and applications, including the preparation of required documentation.

Mr. Stewart has provided inspection services and certification documentation on numerous projects throughout the United States and other countries in coating facilities and offshore platforms. He is currently a NACE certified Level III coatings inspector and is proficient in the use of all coating inspection testing equipment.

Project Experience

Paint/Coatings Consultation

Various Clients / BV Technical Staff

Mr. Stewart not only provides inspection services, he serves as a Protective Coatings Advisors for BV's Technical Staff and DOT. He is committed to providing expert opinions on protective coating related engineering/design and implementation. He is always available with regard to identifying problems and developing solutions relevant to coating systems/paint issues and developing solutions.

Paint/Coatings Inspection

Various Clients

Mr. Stewart performs inspection services paint/coatings applications performed at various fabrication facilities for DOT bridge and highway projects. His duties often include, but are not limited to witness sampling and Verifying the following: coating containers are properly marked with a batch number, batches have been properly strained & mixed, air temperature / humidity / dew points; Proper cleaning and surface preparation of base metal prior to coating; application of coating is in accordance with manufacturer and/or Contract requirements; adequate curing of each coat; thickness of coating sufficient drying of coating prior to loading for shipment; and absence of defects. Since joining BV, Mr. Stewart has provided services for the following clients/projects:

- I-295 Interchange (Florida Department of Transportation) – Mr. Stewart worked for Florida Department of Transportation as a coatings inspector at Pops Painting Inc during the fabrication of the I-295 Express lanes from Buckman Bridge to I-95 Interchange, FPN 213345-7-52-01 structural steel components. Mr. Stewart inspected sign structures and girders in accordance to FDOT, 560 Specification for coating of new structural steel.
- Solar Tree Inspections (Florida Power & Light) - Stewart worked for Florida Power & Light (FPL) at Jupiter West, FL inspecting the coating conditions of several Solar Trees (a tubular structure with solar panels at the top that resembles a tree) for FPL. Mr. Steward made an assessment and recommended repairs in accordance with the Society for Protective Coatings (SSPC) and the National Association of Corrosion Engineers International (NACE).

Dawin Stewart
Coatings Inspector – NACE Level III

- Various Bridge Projects (Kentucky Transportation Cabinet) – Mr. Stewart Quality Assurance Inspection services for all Coatings projects being fabricated at Prospect Steel, Little Rock, AR.
- Interchange 14A Improvements Project (KeyTech / New Jersey Turnpike Authority) – During the coatings phase of Interchange 14A Improvements project, Mr. Stewart provided Quality Assurance oversight on behalf of New Jersey Turnpike Authority at Hirschfeld, in Bristol, VA.
- Ohio River Bridges Project – East End Crossing (Walsh-Vinci Construction) - The construction of the Louisville-Southern Indiana Ohio River Bridges Project - East End Crossing consists of 3 major sections: Harrods Creek Bridge; Ramp A, East End Tunnel; and Wolf Pen Branch Bridge and "East End Bridge" which is the east end cable stayed bridge over the Ohio River connecting I265 in IN to KY841 in KY and Section 6, which includes 26 different structures that are identified by number.
- Ohio River Bridges Project – East End Crossing (Walsh-Vinci Construction) - Mr. Stewart performed QA/QC coatings services for the cable stayed bridge components which included strand fabrication, HDPE sleeves and structural steel components at Hirschfeld Industries - Bristol, VA.

EMPLOYMENT HISTORY:

Akzo Noble- Offshore platforms - 2014
Senior Coatings Inspector

PK Technology – 2013 to 2014
Senior Coatings Inspector

CCI Inspection - 2013
Senior Coatings Inspector

BASS Engineering, Inc. – 2012 to 2013
Cathodic Protection Inspector

METCO - 2012
Senior Coatings Inspector

Orion Engineering Corporation - 2011
Senior Coatings Inspector

EDUCATION:

Diploma, Bridge City High School

Mark Irwin
Senior Inspector / Quality Manager / CWI / NDT Level III

CERTIFICATIONS:

AWS CWI #05050281 – Expires 05/01/2026

ASNT NDT Level III MT #285849– Expires 06.30.2028

ASNT NDT Level III PT #285849– Expires 06.302028

ASNT NDT Level III RT #285849– Expires 06.30.2028

SNT-TC-1A NDT Level II PT – Expires 08/04/2028

SNT-TC-1A NDT Level II UT – Expires 06/30/2024

SNT-TC-1A NDT Level II MT – Expires 06/22/2021

PROFESSIONAL EXPERIENCE:

Bureau Veritas North America, Inc.
Quality Assurance Inspector, QHSE Manager
2008 to Present

Mr. Irwin has 34 years of experience working in Quality Assurance/Quality Control job functions where he has specialized in providing inspection of fabricated structural steel for the bridge and building industry. As a Certified Welding Inspector, Mr. Irwin is responsible for in-process and final product QA verification, as well as accurate and detailed inspection reports.

Mr. Irwin is also responsible for BV's internal Quality Assurance, where he participates in continuous improvement efforts including inspector training, mentoring, report review, document management, field audits, the BV Quality System, and our ISO Certification. His QA experience also includes Vendor Surveillance and traveling to outside vendors, fabricators and other facilities for auditing, inspection and providing QA training.

Mr. Irwin has extensive experience working for various Department of Transportation Authorities. He has detailed knowledge and experience working with industry related codes and standards including AWS D1.1, D1.2, D1.5, and D1.6. He also has experience working in accordance to ISO 9000:2001 standards. He currently holds ASNT Level III Certification in MT and PT and is a Level II in Ultrasonic Inspection and RT Film Interpretation.

He has experience with inspection and QA verification of various structural steel bridge girder configurations (including extensive experience with fracture critical applications), bridge bearings, overhead sign structures, high mast light poles, guide rail & protective fence, expansion joints, timber components, and coatings systems application.

Project Experience

Materials Inspection, Sampling and Testing
Various Clients

Mark Irwin has been providing shop Inspection Services of structural steel bridges, sign structures, field welding operations, and related highway materials for various clients. Also, Mr. Irwin has performed structural steel fabrication inspection at various locations, as requested by BV's clients. Services provided for the different projects have included visual inspection of welds; performance of NDT, dimensional verification; preparation and maintenance of required documentation; review of fabrication practices; reviewing Procedure Qualification Records (PQRs) and Welding Procedure Specifications (WPSs) for compliance with client specifications and the American Welding Society

Mark Irwin
Senior Inspector / Quality Manager / CWI / NDT Level III

D1.1 Welding Code and D1.5 Bridge Welding Code; performing and assisting field personnel with high strength bolting, welding and coatings (paint, galvanizing, powder coating, etc.) inspection; running prefabrication meetings and inspecting bridge components. He has extensive experience with inspection of Fracture Critical components. In addition, Mr. Irwin reviews Mill Test Report Certificates (MTRs); witnesses and reviews welders' and NDT Technicians' certifications; reviews welder continuity logs, Non-Conformance Reports, repairs and perform weld audits to verify traceability, before, during and after welding operations. He also monitors lay-down and assembly operations and verifications, in addition to verifying and performing final inspection on all components. His final inspections include loading and shipping of all fabricated material.

Mr. Irwin also reviews quality control documentation including MTR's, NDT reports and bill of lading. When required, he assists shop, field and client's field personnel to develop solutions for non-compliance issues and witnesses and verifies its implementation. Finally, Mr. Irwin reviews and compiles a final project packet to ensure project close-out and accuracy/completeness of all documentation.

Some recent highlights of Mr. Irwin's Project Experience includes:

- **Structural Steel Fabrication Inspection Contract**: Ohio Turnpike Commission
- **Materials, Sampling, Testing and Inspection Services – Nationwide Technical Support Services**: New York State Department of Transportation
- **In-Process Fabrication Inspection of Structural Steel in the United States and Canada**: New York City Department of Transportation
- **Fabrication Inspection**: New York State Thruway Authority

Prior Experience:

System One – Cheswick, PA - 2007 to 2008 - QC Inspector

Robinson Industries, Inc. – Zelienople, PA, 1990 to 2007 - NDT Technician to Welder I to CWI, Quality Control Technician

EDUCATION:

- Seminar, Welding Inspection, Roanoke, VA
- Seminar, Ultrasonic Weld Inspection, Lewistown, PA
- Vibratory Stress Relieving Equipment Training, Bonal Technologies, Detroit, MI
- Training Courses in Radiation Safety
- Welding Instructor Course, Hobart Institute of Welding, Troy, OH

From: ADOT Business Engagement and Compliance Office <AZUTRACS-Support@azdot.gov>
Sent: Wednesday, February 28, 2024 4:04 PM
To: Steven BARTON <steven.barton@bureauveritas.com>
Cc: ContractorCompliance@azdot.gov
Subject: Bidders List for Bureau Veritas North America, Inc.

Bureau Veritas North America, Inc., AZUTRACS Number: 15836 has submitted a Bidder/Proposer list for **2024-004** on 02/28/2024 at 3:03 PM MST (UTC - 07:00).

Bureau Veritas North America, Inc. submitted a blank bidders/proposers list. This means that they did not list any firms that they reached out to or were contacted by during the preparation of this bid/proposal. NOTE: Subbing out work is encouraged, where applicable. Under some circumstances, no subbing opportunities are available.

Date: February 21, 2024

TO: ALL INTERESTED PARTIES

SUBJECT: AMENDMENT NUMBER 01

REFERENCE: REQUEST FOR QUALIFICATIONS
CONTRACT NUMBER 2024-004
STATEWIDE ON-CALL STRUCTURAL STEEL FABRICATION INSPECTION

The following revisions are made to the referenced Request for Qualifications (RFQ) package:

The following dates in Section II, Page 6, Selection Process through Contract NTP Schedule, are changed to:

- Final Questions Due: March 1, 2024 at 2:00 pm (Arizona (Phoenix) Time)
- SOQ Submittal Date: March 13, 2024 at 2:00 pm (Arizona (Phoenix) Time)
- Estimated Selection Date: April 16, 2024
- Initial Cost Proposal Due Date: May 7, 2024
- Estimated Contract Notice to Proceed Date: July 16, 2024

June A Cross
June A Cross
Contract Specialist
Engineering Consultants Section

AN OFFEROR MUST ACKNOWLEDGE RECEIPT OF THIS AMENDMENT BY SIGNING BELOW AND INCLUDING ALL PAGES OF THIS AMENDMENT IN THE SOQ SUBMITTAL. FAILURE TO DO SO SHALL RESULT IN REJECTION OF THE PROPOSAL.

Mike Fitzpatrick - Bureau Veritas 2-26-24
CONSULTANT NAME

SIGNATURE

* This amendment is not included in the total page count in the Statement of Qualification submittal.

Date: February 26, 2024

TO: ALL INTERESTED PARTIES

SUBJECT: AMENDMENT NUMBER 02

REFERENCE: REQUEST FOR QUALIFICATIONS
CONTRACT NUMBER 2024-004
STATEWIDE ON-CALL STRUCTURAL STEEL FABRICATION INSPECTION

The following revisions are made to the referenced Request for Qualifications (RFQ) package:

The following dates in Section II, Page 4, Prime Consultant Prequalification with ECS, and in Section IV, Page 9, SOQ Submission are both changed to:

March 7, 2024 at 2:00 PM (Arizona (Phoenix) Time)

June A Cross
June A Cross
Contract Specialist
Engineering Consultants Section

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Mike Fitzpatrick Bureau Veritas 2-26-24

CONSULTANT NAME

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CONSULTANT INFORMATION PAGES (CIP)

CONTRACT NO.: 2024-004

CONTACT PERSON: Mike Fitzpatrick

E-MAIL ADDRESS: mike.fitzpatrick@bureauveritas.com

TITLE: Director of Program Development

CONSULTANT FIRM: Bureau Veritas North America, Inc.

ADDRESS: 790 Holiday Dr.

CITY, STATE ZIP: Pittsburgh, PA 15220

TELEPHONE: 463-268-7752

FAX NUMBER: 412-921-8836

DUNS #: 078415114

ADOT CERTIFIED DBE FIRM? (YES/NO)

NO

SUBCONSULTANT(S):	TYPE OF WORK	ADOT CERTIFIED DBE FIRM (YES/NO)
N/A		

NOTE: This page is not evaluated by the Selection Panel but is used by Engineering Consultants Section for administrative purposes.

SUBCONSULTANT(S) TABLE:

SUBCONSULTANT FIRM NAME:	N/A
CONTACT PERSON:	
E-MAIL ADDRESS:	
TITLE:	
ADDRESS:	
CITY, STATE ZIP:	
TELEPHONE:	
FAX NUMBER:	
DUNS #:	

SUBCONSULTANT FIRM NAME:	N/A
CONTACT PERSON:	
E-MAIL ADDRESS:	
TITLE:	
ADDRESS:	
CITY, STATE ZIP:	
TELEPHONE:	
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NOTE: Each Subconsultant listed in the SOQ must be included in the Subconsultant Table of the CIP. Add additional Subconsultant Table pages as necessary. The CIP is not evaluated by the Selection Panel but is used by Engineering Consultants Section for administrative purposes.

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FAX NUMBER:	
DUNS #:	

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*Please confirm that each Subconsultant listed is in the eCMS database. If a Subconsultant's name is not in the eCMS database, contact ECS at E2@azdot.gov and allow two (2) business days to have the Subconsultant added to eCMS. Click Here check the eCMS database or go to ECS Website.

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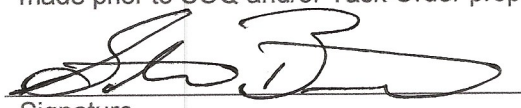
DBE GOAL ASSURANCE/DECLARATION

This Contract is Race Neutral (No DBE Goal-DBE use encouraged).

By signing below, and in order to submit an SOQ proposal and be considered to be awarded for this contract, in addition to all other pre-award requirement, the consultant/Proposer certifies that they will meet the established DBE goal or will make good faith efforts to meet the goal for the contract and that arrangements with certified DBEs have been made prior to SOQ and/or Cost Proposal submission. The proposer will meet the established DBE goal or will make good faith efforts to meet the goal on each Task Order assignment associated with the contract and that arrangements with certified DBEs have been made prior to SOQ and/or Task Order proposal submission.



Signature

3/01/2024

Date

Steven Barton

Printed Name

Director of Operations

Title

SOQ SUBMITTAL CHECKLIST

Place a check mark on the left side of the table indicating compliance with the following:

✓	Required Page Limit Met
✓	One PDF Document no larger than 15 MB
✓	All Amendments Included
✓	Introduction Letter (Including all required elements/statements)
✓	SOQ Proposal Formatted According to Requirements Listed in Part C and any applicable amendments
✓	Correct SOQ Certification List Signed and Dated by a Principal or Officer of the Firm
✓	Completed Consultant Information Page (Including listing DBE firms, if applicable)
✓	Supplemental Services Disclosure Form (REQUIRED for Supplemental Services Contract)
✓	All Subconsultants & Proposed Work Type (Including listing DBE firms, if applicable)
✓	Any Additional Required Documents (Specific Requirements in RFQ such as Resumes, etc.)
✓	Commenting or User Rights Feature Enabled in SOQ PDF Document
✓	DBE Goal Assurance/Goal Declaration completed

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