



Purchasing Department
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<http://fiscal.gmu.edu/purchasing/>



**REQUEST FOR PROPOSALS
GMU-1586-19**

ISSUE DATE: April 17, 2019

TITLE: Electrical Repair Services and Preventive Maintenance (PM)
Services of Switchgears

PRIMARY PROCUREMENT OFFICER: Katherine Sirotin, Assistant Director, ksirotin@gmu.edu
SECONDARY PROCUREMENT OFFICER: Chi Nguyen, Senior Buyer, cnugyen@gmu.edu

MANDATORY PRE-PROPOSAL CONFERENCE: A Mandatory Pre-Proposal Conference is scheduled for May 09th, 2019 at 10AM. See Section XVI Item 12 for additional information regarding conference details.

QUESTIONS/INQUIRIES: E-mail all inquiries to both Procurement Officers listed above, no later than 4:00 PM EST on May 16, 2019. Include the RFP number, GMU-1586-19 in the subject line of your email. Failure to do so may result in your question not being captured/included in the Q&A document. All questions must be submitted in writing. Responses to questions will be posted on the [Mason Purchasing Website](#) by 5:00 PM EST on May 21, 2019.

PROPOSAL DUE DATE AND TIME: May 31, 2019 @ 2:00 PM EST. Hand deliver or mail proposals directly to the address above. Electronic submissions will not be accepted. A public opening will not be held. Late proposals will not be accepted.

Note: A return envelope is not being provided. It is the responsibility of the Offeror to ensure the proposal is submitted in a sealed envelope, box, container, etc. that clearly identifies the contents as a proposal submission in response to this Request for Proposal. See Section X Paragraph C herein. If delivering proposals by hand, deliver to the Purchasing Department located in Suite 4200 of Alan and Sally Merten Hall (Merten Hall), Fairfax Campus. [Campus Map](#). Office hours are 8:30AM to 5:00PM.

In Compliance With This Request For Proposal And To All The Conditions Imposed Therein And Hereby Incorporated By Reference, The Undersigned Offers And Agrees To Furnish The Goods/Services In Accordance With The Attached Signed Proposal Or As Mutually Agreed Upon By Subsequent Negotiations.

Name and Address of Firm:

Legal Name: MCDean, INC.

DBA: MCDean, INC.

Address: 1765 Greensboro Station Place
McLean, VA 22102

FEI/FIN No. 54-0831614

Fax No. _____

Email: alexandru.mihuta@mcdean.com

Date: May 30th 2019
By: 
Signature

Name: Alexandru Mihuta

Title: Project Manager

Telephone No. 571-274-2806

SWaM Certified: Yes: _____ No: x (See Section VII. SWaM CERTIFICATION for complete details).

SWaM Certification Number: _____

This public body does not discriminate against faith-based organizations in accordance with the *Governing Rules*, § 36 or against a Bidder/Offeror because of race, religion, color, sex, national origin, age, disability, or any other prohibited by state law relating to discrimination in employment.

RFP# GMU-1586-19

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- I. **PURPOSE:** The purpose of this request is to solicit proposals from qualified sources to establish a contract/contracts through competitive negotiations for providing electrical repair services on an “as-needed” basis and preventative maintenance (PM) services on an estimated twenty-five (25) switch gears every year to George Mason University, (herein after referred to as “Mason,” or “University”). George Mason University is an educational institution and agency of the Commonwealth of Virginia.

The University reserves the right to award contracts to one or multiple vendors. This Request for Proposal may result in a multiple award contract and vendors are welcome to submit proposals against one, two or both of the Statements of Need listed below. The Statements of Need are listed below and are broken out in detail in Section X – Statement of Needs:

1. Electrical Repair Services (including “As-Needed” Repairs and Emergency Repair/Installation Services)
2. Preventative Maintenance (PM) Services on Switchgears (All Campuses)

- II. **PURCHASING MANUAL/GOVERNING RULES:** This solicitation and any resulting contract shall be subject to the provisions of the Commonwealth of Virginia *Purchasing Manual for Institutions of Higher Education and their Vendor's*, and any revisions thereto, and the *Governing Rules*, which are hereby incorporated into this contract in their entirety. A copy of both documents is available for review at: <https://vascupp.org>

- III. **COMMUNICATION:** Communications regarding the Request For Proposals shall be formal from the date of issuance until a contract has been awarded. Unless otherwise instructed offerors are to communicate with only the Procurement Officers listed on the cover page. Offerors are not to communicate with any other employees of Mason.

- IV. **FINAL CONTRACT:** ATTACHMENT B to this solicitation is Mason’s standard two-party contract. It is the intent of this solicitation to base the final contractual documents off of Mason’s standard two-party contract and Mason’s General Terms and Conditions. Any exceptions to our standard contract and General Terms and Conditions should be denoted in your RFP response. Other documents may be incorporated into the final contract, either by way of attachment or by reference, but in all cases this contract document and Mason’s General Terms and Conditions shall jointly take precedence over all other documents and will govern the terms and conditions of the contract.

- V. **ADDITIONAL USERS:** It is the intent of this solicitation and resulting contract to allow for cooperative procurement. Accordingly, any public body, public or private health or educational institutions, or affiliated corporations may access any resulting contract if authorized by the contractor.

Participation in this cooperative procurement is strictly voluntary. If authorized by the Contractor(s), the resultant contract(s) will be extended to the entities indicated above to purchase goods and services in accordance with contract terms. As a separate contractual relationship, the participating entity will place its own orders directly with the Contractor(s) and shall fully and independently administer its use of the contract(s) to include contractual disputes, invoicing and payments without direct administration from the University. No modification of this contract or execution of a separate agreement is required to participate; however, the participating entity and the Contractor may modify the terms and conditions of the contract to accommodate specific governing laws, regulations, policies, and business goals required by the participating entity. Any such modification will apply solely between the participating entity and the contractor.

The University may require the Contractor provide semi-annual usage reports for all entities accessing the contract. The University shall not be held liable for any costs or damages incurred by any other participating entity as a result of any authorization by the Contractor to extend the contract. It is understood and agreed that the University is not responsible for the acts or omissions of any entity and will not be considered in default of the contract no matter the circumstances.

Use of this contract(s) does not preclude any participating entity from using other contracts or competitive processes as needed.

- VI. **eVA BUSINESS-TO-GOVERNMENT VENDOR REGISTRATION:** The eVA Internet electronic procurement solution, website portal www.eVA.virginia.gov, streamlines and automates government purchasing activities in the Commonwealth. The eVA portal is the gateway for vendors to conduct business with state agencies and public bodies. All vendors desiring to provide goods and/or services to the Commonwealth shall participate in the eVA Internet eProcurement solution by completing the free eVA Vendor Registration. All bidders or offerors agree to self-register in eVA and pay the Vendor Transaction Fees prior to being awarded a contract. Registration instructions and transaction fees may be viewed at: <https://eva.virginia.gov/>

VII. **SWaM CERTIFICATION:** Vendor agrees to fully support the Commonwealth of Virginia and Mason's efforts related to SWaM goals. Upon contract execution, eligible vendors (as determined by Mason and the Virginia Department of Small Business and Supplier Diversity) shall submit all required documents necessary to achieve SWaM certification to the Department of Small Business and Supplier Diversity within 90 days. Vendors currently SWaM certified agree to maintain their certification for the duration of the contract and shall submit all required renewal documentation at least 30 days prior to existing SWaM expiration. <https://www.sbsd.virginia.gov/>

VIII. **PERIOD OF PERFORMANCE:** One (1) year from date of award with four (4) successive one-year renewal options.

IX. **BACKGROUND:** The services are contemplated to supplement Mason's Facilities Department Electrical Shop for electrical repair services and preventive maintenance on switchgears. The current contractor is MC Dean, Inc. who was awarded a competitively solicited, cooperative contract on February 01, 2016 (Contract GMU-1286-16). GMU has spent \$114,017.38 with MC Dean in the last three (3) years.

George Mason University's Facilities Department endeavors to procure the services of a qualified Contractor to provide electrical repair services on an "as-needed" basis and preventative maintenance (PM) services on an estimated twenty-five (25) switch gears every year to George Mason University. Maintenance also includes the need for the Contractor to be able to provide emergency services as well as the ability to provide parts necessary to maintain the equipment at our campuses/facilities; Fairfax, Arlington, Prince William and Front Royal campuses and the Point of View Facility (POV). Electrical Services will be required at these sites:

Locations:

- Fairfax Campus – 4400 University Dr. Fairfax, VA 22030
- Arlington Campus – 3351 Fairfax Dr. Fairfax, VA 22201
- Prince William/Manassas (Science & Technology Campus) – 10900 University Blvd. Manassas, VA 20110
- Point of View (POV) Facility – 7300 Old Spring Dr. Lorton, VA 22079
- Potomac Science Center- 650 Mason Ferry Avenue, Woodbridge VA 22191
- Front Royal (Smithsonian Center for Conservation Campus) – 1500 Remount Rd. Front Royal, VA 22630

Campus Maps and Directions are available here: <http://www.gmu.edu/resources/welcome/Directions-to-GMU.html>

X. **STATEMENT OF NEEDS:**

A. **General Requirements:** The Contractor shall furnish all necessary labor, supervision, equipment, tools, materials, transportation and incidentals as may be required to perform 1.) Electrical repair services on an "as-needed" basis and 2.) Preventative maintenance (PM) services on an estimated twenty-five (25) switch gears every year to George Mason University.

Special Requirements/Contractor Requirements:

1. The Contractor shall provide sufficient personnel and equipment as necessary to perform work; including any testing equipment, reporting tools, and any/all Personal Protective Equipment (PPE) required for this type of work.
2. The Offeror should have performed/provided electrical services for the previous five (5) years on a continual basis following all NFPA 70 National Electrical Codes and other codes of authorities having jurisdiction.
3. The Offeror should be certified for confined spaces in accordance with rules and regulations of OSHA and shall have an active Class A Electrical and Class A Building Contractor's license issued by the Virginia Department of Professional and Occupational Regulation (DPOR) with appropriate specialties to provide the specified services.
4. The Contractor shall provide experienced, qualified, properly licensed/certified and properly trained personnel to perform the services required. The Contractor must be licensed by the Commonwealth of Virginia State Board of Contractors.
5. The Contractor should obtain all City, County, State approvals/permits necessary to provide service/do work, including but not limited to utility permits, welding (hot work) permits, building

permits, etc. and should bear the costs for obtaining these permits and provide copies of these permits to the GMU designated personnel.

6. The Contractor shall provide a cell phone for communications between their personnel on location and Mason's Contract Administrator or designee.
7. Offerors should have a flexible organization and be capable of performing multiple assignments (5 or more) simultaneously for emergency and non-emergency calls.
8. Offerors must have a minimum of five (5) licensed Journeyman Electricians and one (1) Master Electrician. Offerors must provide a complete list of field personnel who will be used to fulfill the terms of this contract: For each individual listed, provide the level of experience with documentation supporting their certification or licensure. Contractors will be required to maintain and provide to the University's Contract Administrator or designee and up-to-date Contractor's employee list throughout the life of the contract.

Firm should provide its proposed plan to address the general requirements as stated above with emphasis on the mandatory requirements.

Note: Firms may offer on SOW #1 or SOW #2 or both. Please clearly notate on your proposal which SOWs you are offering on.

SOW #1.- Electrical Repair Services (including "As-Needed" Repairs and Emergency Repair/Installation Services)

A. Requirements:

1. Contractor shall furnish all labor, tolls, and materials necessary to perform electrical services for all locations on an "as-needed" basis in accordance with the terms and conditions set forth herein.
2. Examples of types of electrical services are as follows, but are not limited to:
 - a. Installing conduit of all type, pulling wire, and installing motor controllers, power and lighting panels, outside parking lots lighting (which may require a bucket truck), lighting devices, motors, receptacles, switches, etc., using all types of wiring devices.
 - b. Installing power sources and pulling necessary cables for computers and related equipment.
 - c. Other minor electrical renovations and construction projects to install, repair, or replace.
 - d. Installing lighting retrofits of all types including LED fixtures, wall packs, and lamps.
 - e. All other electrical services not mentioned above.
3. All other, "as needed" electrical services shall be billed as time (labor hour) and material services. These services may include, but are not limited to the following:
 - a. Adjustments
 - b. Calibrations
 - c. Checks of all applicable parts and components.
 - d. Inspection and Testing
 - e. Diagnosis
 - f. Installation, repairs and replacements of broken/deficient components, parts, materials etc. for items such as:
 - i. Permanent or temporary generators including any necessary site work
 - ii. Switch gear including service entrance switches and other devices located within
 - iii. All new or replace conductors in existing conduit, both high and low voltage
 - iv. Conduit or race way
 - v. Motor starters or controllers
 - vi. Variable Frequency Drives
 - vii. Low voltage controls such as fire alarm, access controls, building automation systems, or other means of data transmission
 - viii. Existing equipment

Firm should discuss its capabilities to provide the services as described above.

4. The Contractor shall provide/perform all goods/services in accordance with the following:
 - a. NFPA Standards
 - b. Virginia OSHA Standards
 - c. Virginia Uniform Statewide Building Codes
 - d. National Electric Code (NEC)
 - e. State Fire Prevention Codes
 - f. UL Listings
 - g. Other authorities having jurisdiction as determined by the George Mason Project Manager according to the specific project.
 - h. And all other applicable federal and state laws, regulations and codes.
5. The Contractor should leave each service area in a neat, clean and orderly condition at no additional cost to George Mason. Clean up should include, but not be limited to the proper removal (from GMU property) and disposal of all parts containers, shipping crates, and used parts.
6. The Contractor should not perform work on equipment that, when energized, will have a potential voltage to ground or phase to phase over 500 volts. The Offeror should provide its proposed plan to address the general requirements as stated above with emphasis on the mandatory requirements.
7. Non-emergency unscheduled repair/ installation services and improvements/enhancements: a qualified technician is to be on site at the nature of the problem with forty-eight (48) hours of receiving the work request (via e-mail or telephone from the GMU designated personnel. Offerors shall indicate, on the Pricing Schedule (Attachment B), a contact person's name and telephone number for normal working hours, 8:00AM to 5:00PM (EST), Monday through Friday.
8. Emergency repair services: a qualified technician is to be on site at the nature of the problem within one (1) hour of receiving the work request (via telephone) from the GMU designated personnel during normal GMU operating hours and two (2) hours outside of normal GMU hours. Offeror's shall indicate, on the Pricing Schedule (Attachment B), a contact person's name and telephone number or have a voice mail paging system or answering service. Offerors using a voice mail system or answering service in lieu of a contact person shall be required to initiate a call back to the sender within 15 – 25 minutes.
9. Estimates, when requested, are to be returned within three (3) working days, unless a different time of return is mutually agreed upon by the Buyer, Contract Administrator, and Contractor. Estimates shall be furnished by the Contractor at no charge and are to be considered overhead costs to be included in the pricing provided in Attachment B.
 - a. Estimates must be detailed, outlining contract unit costs; including time and materials and if applicable, any equipment rentals/subcontractors. In addition, estimates must include the contract number at the top of the estimate.
 - b. Estimates will cover only quoted work; unforeseen or unknown repairs will be mutually agreed upon by the Contractor and the University. Estimates shall be valid for acceptance by the University for no less than 30 days.

Firm should discuss its proposed service hours in response to those listed above.

SOW #2.- Preventative Maintenance (PM) Services on Switchgears (All Campuses):

1. The Contractor shall provide a proposal for time and material, including any negotiated labor rates as outlined in Attachment A, for "as needed" Preventative Maintenance (PM) services on switchgears, in accordance with manufacturer specific maintenance and testing procedures, and general industry practices, on the switch gear to include performing:
 - a. Initial infrared (IR) testing of the switch gear to include a report identifying discrepancies. The report shall also include recommended repairs for each discrepancy including a price quote for the repairs including labor hours, materials and equipment costs and the approximate lead time for the materials.
 - b. Torque, tighten and clean gear as required to ensure operational readiness of the building's electrical switch gear.
 - c. Final IR test and written report including an explanation of all actions taken and results of the final

IR test.

All switchgear PMs will be scheduled by GMU. George Mason anticipates approximately 25 switch gear PMs per year on the various campuses mentioned herein. Should the Contractor discover required repairs, above and beyond which the preventive maintenance tasks can repair, they will submit requirements and estimated time and material costs associated with the initial testing report. If necessary, additional funding will be issued.

NOTE: This PM work will require the facilities power to be shut-down and the Contractor should plan to be available to perform the work for this task either after hours and on weekends or, on rare occasion, during normal working hours when the University's students are not present: such as during spring, summer and winter breaks. Please provide both regular hourly rates and evening/weekend hourly rates Attachment B.

Firm should discuss its capabilities to provide the services as described above.

XI. PRICES AND PRICE ADJUSTMENT - OFFEROR IS REQUIRED TO COMPLETE ATTACHMENT B – PRICING AND INCORPORATE THE REQUIREMENTS BELOW:

1. All prices shall be F.O.B Destination and shall include all charges that may be imposed in fulfilling the terms of this contract.
2. Labor rates will be paid on the basis of productive time at the site. Regular working hours are 8:00AM through 5:00PM (EST), Monday through Friday. Overtime hours are defined as Monday through Friday, 5:00PM through 8:00AM (EST), weekends and holidays. The rate of overtime is compensated at one and one-half times the regular rate. George Mason's Holiday Schedule is available here:
http://hr.gmu.edu/benefits/leave/holiday_schedule.php?_ga=1.4465779.1907490890.1430502615
3. The Contractor may be required to provide materials, rental equipment, and/or subcontractors to fulfill the requirements of this contract. If the contractor provides materials, rental equipment and/or subcontractors, the compensation will be based on the actual cost of the materials, equipment or subcontractors. The Contractor shall invoice all materials, equipment rentals, or subcontracts, based on the actual cost of the materials, equipment or subcontractors and must provide suppliers invoices and receipts to substantiate costs to the University.
4. The Contractor shall not accept work which will require the use of a subcontractor without obtaining the approval of the Buyer and the Contract Administrator and agreement to the payment terms for the subcontractor's services. If specialized equipment or materials are required the rental or material costs must include any operator, driver, user fees. No additional costs of any kind will be allowed.
5. The Contractor shall make every attempt to obtain the lowest price for materials, rentals, equipment, etc. Invoices which include materials costs and equipment rental charges shall be accompanied by copies of suppliers' invoices and/or receipts to substantiate costs to the contractor. If a subcontractor is approved by the University and used, the contractor shall submit the actual cost of the subcontractor with the contractor's invoice.
6. The Contractor agrees that for unit price contracts, prices shall remain firm for 365 days. If the price is increased after 365 days, the unit price may be increased only upon approval of a written request to the Buyer. Upon receipt of the Contractor's request, the County shall make a determination to approve or adjust the requested price increase based upon its investigations and the information provided by the Contractor. Any price adjustment agreed to shall take place only in accordance with the schedule defined above.
7. The request for a change in the unit price shall include as a minimum, (1) the cause for the adjustment; (2) proposed effective date; and, (3) the amount of the change requested with documentation to support the requested adjustment (i.e., appropriate Bureau of Labor Statistics index, change in manufacturer's price, etc. The request must be received at least 30 days prior to the effective date and shall become effective only upon approval by the University's Buyer. The increased contract unit price shall not apply to orders received by the Contractor prior to the effective date of the approved increased contract unit price. Orders placed via County Purchase Order, shall be considered to have been received by the Contractor after the fifth (5th) calendar day following the date issuance. The University's Buyer may cancel, without liability to either party, any portion of the contract affected by the requested increase and any materials, supplies or services undelivered at the time of such cancellation.

XII. PROPOSAL PREPARATION AND SUBMISSION REQUIREMENTS:

A. GENERAL REQUIREMENTS:

1. **RFP Response.** In order to be considered, Offerors must submit a complete response to Mason's Purchasing Office prior to the due date and time stated in this RFP. Offerors are required to submit **one (1) signed original hardcopy (paper)** of the entire proposal including all attachments and proprietary information and **four (4) extra hardcopies (paper)** including all attachments and proprietary information. **A total of five (5) hardcopies must be submitted (1 original copy for the file and 4 copies to be distributed to the committee).** In addition, the Offeror shall submit one (1) complete signed copy of the original proposal including all attachments and proprietary information, on CD, thumb drive or other electronic device. If proposal contains proprietary information, then submit two (2) CD's, thumb drive or other electronic device; one (1) with proprietary information included and one (1) with proprietary information removed (see also Item 2e below for further details). The Offeror shall make no other distribution of the proposals.
 - a. At the conclusion of the RFP process proposals with proprietary information removed (redacted versions) shall be provided to requestors in accordance with Virginia's Freedom of Information Act. Offerors will not be notified of the release of this information.
2. **Proposal Presentation:**
 - a. Proposals shall be signed by an authorized representative of the Offeror. All information requested must be submitted. Failure to submit all information requested may result in your proposal being scored low.
 - b. Proposals should be prepared simply and economically, providing a straightforward, concise description of capabilities to satisfy the requirement of the RFP. Emphasis should be on completeness and clarity of content.
 - c. Each hardcopy of the proposal should be bound in a single volume where practical. The original hard copy proposal must be clearly marked on the outside of the proposal. All documentation submitted with the proposal should be bound in that single volume.
 - d. Proposals should be organized in the order in which the requirements are presented in the RFP. All pages of the proposal should be numbered. Each paragraph in the proposal should reference the paragraph number corresponding section of the RFP. It is also helpful to cite the paragraph number, sub letter and repeat the text of the requirement as it appears in the RFP. The proposal should contain a table of contents which cross references the RFP requirements. Information which the Offeror desires to present that does not fall within any of the requirement of the RFP should be inserted at the appropriate place or be attached at the end of the proposal and designated as additional material.
 1. A WORD version of this RFP will be provided upon request.
 - e. Except as provided, once an award is announced, all proposals submitted in response to this RFP will be open to inspection by any citizen, or interested person, firm or corporation, in accordance with the Virginia Freedom of Information Act. Trade secrets or proprietary information submitted by a firm prior to or as part of its proposal will not be subject to public disclosure under the Virginia Freedom of Information Act only under the following circumstances: (1) the appropriate information is clearly identified by some distinct method such as highlighting or underlining; (2) only the specific words, figures, or paragraphs that constitute trade secrets or proprietary information are identified; and (3) a summary page is supplied immediately following the proposal title page that includes (a) the information to be protected, (b) the section(s)/page number(s) where this information is found in the proposal, and (c) a statement why protection is necessary for each section listed. The firm must also provide a separate electronic copy of the proposal (CD, etc.) with the trade secrets and/or proprietary information redacted. *If all of these requirements are not met, then the firm's entire proposal will be available for public inspection.*
IMPORTANT: A firm may not request that its entire proposal be treated as a trade secret or proprietary information, nor may a firm request that its pricing/fees be treated

as a trade secret or proprietary information, or otherwise be deemed confidential. If after given a reasonable time, the Offeror refuses to withdraw the aforementioned designation, the proposal will be rejected.

3. Oral Presentation: Offerors who submit a proposal in response to this RFP may be required to give an oral presentation/demonstration of their proposal/product to Mason. This will provide an opportunity for the Offeror to clarify or elaborate on their proposal. Performance during oral presentations may affect the final award decision. If required, oral presentations are tentatively scheduled for the week of June 17, 2019. Mason will expect that the person or persons who will be working on the project to make the presentation so experience of the contractor's staff can be evaluated prior to making selection. Oral presentations are an option of Mason and may or may not be conducted; therefore, it is imperative all proposals should be complete

B. SPECIFIC REQUIREMENTS: Proposals should be as thorough and detailed as possible to allow Mason to properly evaluate the Offeror's capabilities and approach toward providing the required services. Offerors are required to submit the following items as a complete proposal.

1. Procedural information:

- a. Return signed cover page and all addenda, if any, signed and completed as required.
- b. Return Attachment A - Vendor Data Sheet.
- c. Return Attachment B – Pricing Schedule
- d. If you intend to make any changes/redlines to Attachment C – Standard Contract please submit this with your proposal so they can be reviewed.
- e. State your payment preference in your proposal response. (See section XV.)

2. General firm background and information:

- a. Provide a background and a brief history of your firm.
- b. Describe your firm's specialty areas, and their size.
- c. Describe your firm's location and organization structure. Provide additional detail related to offices likely to serve Mason.
- d. Describe any impending changes in your organization that could impact delivery of services.

3. Specific Plan (Methodology): Provide a Statement of Work that describes the tasks and processes that will be performed, the methodologies and techniques that will be used, and the personnel and non-personnel resources that will be applied to achieve the overall contract objectives, specifically the switch gear preventive maintenance tasks, and the functional results specified in Section IV. The Statement of Work will describe the work requirements proposed by the offeror to successfully meet the specified contract requirements.

4. Qualifications and Experience:

- a. Management and Quality Program: The Offeror is responsible for establishing effective management controls in the performance of the contract. Submit a written narrative stating how the Offeror plans to accomplish work listed in the General Requirements Section. Offeror's proposal must include the following:
- b. History: Include a brief history of the company and its services to institutions of higher education similar in enrollment size to George Mason University or organizations similar in size and area to George Mason University. List the names of equivalent institutions or organizations and the number of years contracted to perform services required in this Request for Proposal. Do not list more than three institutions.
- c. Organization: An organizational chart highlighting all positions and/or employees that would be assigned to the University's account. Provide description of each individual's position, involvement and the approach to complete service. Provide resumes/certifications for all operational staff.

5. References: No fewer than three (3) that demonstrates the Offeror's qualifications preferably from other comparable higher education institutions your firm is/has provided services with which are similar in size

and scope to that which has been described herein.

- a. Provide references on no more than three (3) relevant active contracts (minimum contract period: one year) or completed contracts within the last three (3) years. Relevant contracts are defined as contracts for services of the same size and scope contemplated herein. The university will focus on information that demonstrates quality of performance relative to the size and complexity of the contract. For each reference provide a brief description of the scope of the contract and state why the contract is relevant. Offerors should identify problems, weaknesses and/or deficiencies in the performance of the contracts given as references and their processes, corrective actions or method of problem solving resolution used to correct the weaknesses or deficiencies. For each reference provide the following information about each contract.
 - i. Name and address of contracting activity to which service is/was provided
 - ii. Contract Number
 - iii. Contract Title
 - iv. Contract Type
 - v. Original contract amount and current (or ending) contract amount.
(explain reasons for any difference)
 - vi. Contracting officials' names, telephone numbers
 - vii. Contract Level (Prime or Subcontract)
 - viii. Award Date
 - ix. Contract completion/projected completion date
- b. Provide a list of any active contract(s) terminated within the past five (5) years for other than convenience of the owner. If none, state.

6. Pricing Schedule/Pricing Form: Submit Attachment B.

7. Offerors must also include the following with their proposal:

- a. Copy of Contractor's License and Master Electrician License, issued by the State of Virginia Board for Contractors.
- b. Offerors must provide a complete list of field personnel who will be used to fulfill the terms of this contract: For each individual listed, provide the level of experience and title (i.e. Journeyman electrician, electrician helper, master electrician, etc.) with documentation supporting their certification or licensure. Contractors will be required to maintain and provide to the University's Contract Administrator or designee and up-to-date Contractor's employee list throughout the life of the contract.

C. IDENTIFICATION OF THE PROPOSAL ENVELOPE: Return envelopes are not being provided. It is the responsibility of the Offeror to clearly mark submission envelopes identifying the contents as a response to this Request For Proposal as follows:

FROM: Name of Offeror _____ Due Date/Time: May 31st, 2019 at 2:00PM

Street or Box Number _____ RFP Number: GMU-1586-19

City, State, Zip Code _____ RFP Title: Electrical Repair Services & PM Services on Switchgears

Name of Procurement Officer or Buyer: Katherine Sirotnin, Assistant Director, Purchasing

The envelope or package should be addressed to the Issuing Agency as directed on Page 1 of the solicitation. If a proposal is mailed, the Offeror takes the risk that the envelope/package, even if marked as described above, may be inadvertently opened and the information compromised which may cause the proposal to be disqualified. Proposals may be hand delivered to the designated location in the office issuing the solicitation. No other correspondence or other bid/proposal should be placed in the envelope.

XIII. INITIAL EVALUATION CRITERIA AND SUBSEQUENT AWARD:

A. INITIAL EVALUATION CRITERIA: Proposals shall be initially evaluated and ranked using the following

criteria:

	<u>Description of Criteria</u>	<u>Maximum Point Value</u>
1.	Specific Plan (Methodology).	25
2.	Experience/Qualifications.	25
3.	Prices Offered	25
4.	References	20
5.	Vendor is certified as a small, minority, or women-owned business (SWaM) with Virginia SBSB at the proposal due date & time.	5
Total Points Available:		100

- B. **AWARD:** Following the initial scoring by the evaluation committee, at least two or more top ranked offerors may be contacted for oral presentations/demonstrations or advanced directly to the negotiations stage. *If oral presentations are conducted Mason will then determine, in its sole discretion, which vendors will advance to the negotiations phase.* Negotiations shall then be conducted with each of the offerors so selected. Price shall be considered, but need not be the sole determining factor. After negotiations have been conducted with each offeror so selected, Mason shall select the offeror which, in its sole discretion has made the best proposal, and shall award the contract to that offeror. When the terms and conditions of multiple awards are so provided in the Request for Proposal, awards may be made to more than one offeror. Should Mason determine in writing and in its sole discretion that only one offeror has made the best proposal, a contract may be negotiated and awarded to that offeror. Mason is not required to furnish a statement of the reasons why a particular proposal was not deemed to be the most advantageous (*Governing Rules §49.D*).

- XIV. **CONTRACT ADMINISTRATION:** Upon award of the contract, Mason shall designate, in writing, the name of the Contract Administrator who shall work with the contractor in formulating mutually acceptable plans and standards for the operations of this service. The Contract Administrator shall use all powers under the contract to enforce its faithful performance. The Contract Administrator shall determine the amount, quality and acceptability of work and shall decide all other questions in connection with the work. All direction and order from Mason shall be transmitted through the Contract Administrator, or their designee(s) however, the Contract Administrator shall have no authority to approve changes which shall alter the concept or scope of the work or change the basis for compensation to the contractor.

XV. **PAYMENT TERMS / METHOD OF PAYMENT:**

PLEASE NOTE: THE VENDOR MUST REFERENCE THE PURCHASE ORDER NUMBER ON ALL INVOICES SUBMITTED FOR PAYMENT.

Option #1- Payment to be mailed in 10 days-Mason will make payment to the vendor under 2%10 Net 30 payment terms. Invoices should be submitted via email to the designated Accounts Payable email address which is acctpay@gmu.edu.

The 10 day payment period begins the first business day after receipt of proper invoice or receipt of goods, whichever occurs last. A paper check will be mailed on or before the 10th day.

Option #2- To be paid in 20 days. The vendor may opt to be paid through our ePayables credit card program. The vendor shall submit an invoice and will be paid via credit card on the 20th day from receipt of a valid invoice. The vendor will incur standard credit card interchange fees through their processor. All invoices should be sent to:

George Mason University
Accounts Payable Department
4400 University Drive, Mailstop 3C1
Fairfax, Va. 22030
Voice: 703.993.2580 | Fax: 703.993.2589
e-mail: AcctPay@gmu.edu

Option#3- Net 30 Payment Terms. Vendor will enroll in Paymode-X where all payments will be made electronically to the vendor's bank account. For additional information or to sign up for electronic payments, go to <http://www.paymode.com/gmu>. There is no charge to the vendor for enrolling in this service.

Please state your payment preference in your proposal response.

XVI. SOLICITATION TERMS AND CONDITIONS:

A. GENERAL TERMS AND CONDITIONS – GEORGE MASON UNIVERSITY:

<http://fiscal.gmu.edu/purchasing/do-business-with-mason/view-current-solicitation-opportunities/>

B. SPECIAL TERMS AND CONDITIONS – GMU-1586-19 (Also see ATTACHMENT B – SAMPLE CONTRACT which contains terms and conditions that will govern any resulting award).

- BEST AND FINAL OFFER (BAFO): At the conclusion of negotiations, the Offeror(s) may be asked to submit in writing, a best and final offer (BAFO). After the BAFO is submitted, no further negotiations shall be conducted with the Offeror(s).
- 2. CANCELLATION OF CONTRACT: Mason reserves the right to cancel and terminate any resulting contract, in part or in whole, without penalty, upon 60 days written notice to the Contractor. In the event the initial Contract period is for more than 12 months, the resulting contract may be terminated by either party, without penalty, after the initial 12 months of the Contract period upon 60 written notice to the other party. Any contract cancellation notice shall not relieve the Contractor of the obligation to deliver and/or perform on all outstanding orders issued prior to the effective date of cancellation.
- 3. COMPLIANCE WITH LAW: (If Applicable): All goods and services provided to George Mason University shall be done so in accordance with any and all local, state and federal laws, regulations and/or requirements. This includes any applicable provisions of FERPA or the "Government Data Collection and Dissemination Practices Act" of the Commonwealth of Virginia.
- 4. CONFLICT OF INTEREST: By submitting a proposal the contractor warrants that he/she has fully complied with the Virginia Conflict of Interest Act; furthermore certifying that he/she is not currently an employee of the Commonwealth of Virginia.
- 5. CONTRACTOR/SUBCONTRACTOR LICENSE REQUIREMENT: By my signature on this solicitation, I certify that this firm/individual and subcontractor is properly licensed for providing the goods/services specified.

Contractor Name: MCDean, INC.

License # 2701009502 Type Class (A)

Subcontractor Name: _____

License # _____ Type _____

- 6. CONTRACTOR'S TITLE TO MATERIALS: No materials or supplies for the work shall be purchased by the contractor or by any subcontractor subject to any chattel mortgage or under a conditional sales or other agreement by which an interest is retained by the seller. The contractor warrants that he has clear title to all materials and supplies for which he invoices for payment.
- 7. CONTINUITY OF SERVICES:
 - i. The Contractor recognizes that the services under this contract are vital to Mason and must be continued without interruption and that, upon contract expiration, a successor, either Mason or another contractor, may continue them. The Contractor agrees:
 - To exercise its best efforts and cooperation to effect an orderly and efficient transition to a successor;
 - To make all Mason owned facilities, equipment, and data available to any successor at an

- appropriate time prior to the expiration of the contract to facilitate transition to successor;
and
 - That the Mason Contracting Officer shall have final authority to resolve disputes related to the transition of the contract from the Contractor to its successor.
- ii. The Contractor shall, upon written notice from the Contracting Officer, furnish phase-in/phase-out services for up to ninety (90) days after this contract expires and shall negotiate in good faith a plan with the successor to execute the phase-in/phase-out services. This plan shall be subject to the Contract Officer's approval.
 - iii. The Contractor shall be reimbursed for all reasonable, pre-approved phase-in/phase-out costs (i.e., costs incurred within the agreed period after contract expiration that result from phase-in, phase-out operations) and a fee (profit) not to exceed a pro rata portion of the fee (profit) under this contract. All phase-in/phase out work fees must be approved by the Contractor Officer in writing prior to commencement of said work.
8. **DELIVERY AND STORAGE:** It shall be the responsibility of the contractor to make all arrangements for delivery, unloading, receiving and storing materials in the building during installation. The owner will not assume any responsibility for receiving these shipments. Contractor shall check with the owner and make necessary arrangements for security and storage space in the building during installation.
 9. **FINAL INSPECTION:** At the conclusion of the work, the contractor shall demonstrate to the authorized owners representative that the work is fully operational and in compliance with contract specifications and codes. Any deficiencies shall be promptly and permanently corrected by the contractor at the contractor's sole expense prior to final acceptance of the work.
 10. **INSPECTION OF JOB SITE:** My signature on this solicitation constitutes certification that I have inspected the job site and am aware of the conditions under which the work must be accomplished. Claims, as a result of failure to inspect the job site, will not be considered by the Commonwealth.
 11. **LATE PROPOSALS:** To be considered, proposals must be received at the specific office location specified in this solicitation on or before the date and time designated in this solicitation.

Offerors are responsible for the delivery of the proposal and if using U.S. Mail or a delivery service should ensure that the proposal is addressed properly. Proposals are due at 2:00PM on the date specified on the cover page of this solicitation. The Purchasing Department will contact the Offeror to arrange for pick up or destruction of the late proposal. The official time used in receipt of proposals shall be the time on the automatic time stamp machine of Mason's Purchasing Office, address and location on cover page of solicitation.

George Mason University is not responsible for delays in the delivery of mail by the U.S. Postal Service, private couriers, or the intra-university mail system. It is the responsibility of the Offeror to ensure that its proposal reaches the issuing office by the designated date and hour.

12. **MANDATORY PREBID/PREPROPOSAL CONFERENCE & SITE VISIT:** A mandatory prebid/preproposal conference and site visit will be held on May 9th, 2019 at 10:00AM EST at the Facilities Management Building (Building 21 on the attached map – Attachment D) Conference Room 6. The Facilities Management building is located at 10398 Rivanna River Way, Fairfax, VA 22030. The purpose of this conference is to allow potential bidders/offerors an opportunity to present questions and obtain clarification relative to any facet of this solicitation.

Due to the importance of all bidders/offerors having a clear understanding of the specifications/scope of work and requirements of this solicitation, attendance at this conference will be a prerequisite for submitting a bid/proposal. Bids/Proposals will only be accepted from those bidders/offerors who are represented at this prebid/preproposal conference. Attendance at the conference will be evidenced by the representative's signature on the attendance roster. No one will be admitted after 10:10AM.

Please note that classes are in session and that there may be various road closures or traffic delays due to events and construction on campus. It is strongly advised that you arrive twenty to thirty

minutes early in order to find and pay for parking, and give yourself ample time to walk from the parking lot or garages to the Facilities Management Building. Site visit attendees will be taken on campus to the appropriate location for the site visit.

NOTE: Parking is limited in front of the Facilities Buildings and you may only park in spaces marked "Visitor" and you must obtain a parking pass from the receptionist at the front desk in the Facilities Administration Building (Building 19 on the attached map) in order to park in those spaces. There are also "pay to park" parking garages, Rappahannock River Parking Deck (Building 41 on the attached Map) and Shenandoah Parking Deck (Building 42 on the attached map), where visitors may pay to park and walk from the garages to the Facilities Management Building. We highly recommend leaving yourself at least thirty (30) minutes to find parking, walk to the building, and get to the conference room. The vendor will be responsible for any parking fees, ticketing from incorrect parking, or towing that results from improper parking. The purpose of this conference is to allow potential bidders/ an opportunity to present questions and obtain clarification relative to any facet of this solicitation.

Bring a copy of the solicitation with you. Any changes resulting from this conference will be issued in a written addendum to the solicitation.

13. **OBLIGATION OF OFFEROR:** It is the responsibility of each Offeror to inquire about and clarify any requirements of this solicitation that is not understood. Mason will not be bound by oral explanations as to the meaning of specifications or language contained in this solicitation. Therefore, all inquiries must be in writing and submitted as instructed on page 1 of this solicitation. By submitting a proposal, the Offeror covenants and agrees that they have satisfied themselves, from their own investigation of the conditions to be met, that they fully understand their obligation and that they will not make any claim for, or have right to cancellation or relief from this contract because of any misunderstanding or lack of information.
14. **PRIME CONTRACTOR RESPONSIBILITIES:** The Contractor shall be responsible for completely supervising and directing the work under this contract and all subcontractors that he may utilize, using his best skill and attention. Subcontractors who perform work under this contract shall be responsible to the prime contractor. The Contractor agrees that he is as fully responsible for the acts and omissions of his subcontractors and of persons employed by them as he is for the acts and omissions of his own employees.
15. **RENEWAL OF CONTRACT:** This contract may be optionally renewed by Mason for four (4) successive one-year periods, or as negotiated, under the terms and conditions of the original contract except as stated in 1. and 2. below. Price increases may be negotiated only at the time of renewal. Written notice of the Commonwealth's intention to renew shall be given approximately 90 days prior to the expiration date of each contract period.
 - a. If the Commonwealth elects to exercise the option to renew the contract for an additional one-year period, the contract price(s) for the additional one year shall not exceed the contract price(s) of the original contract increased/decreased by more than the percentage increase/decrease of the "services" category of the CPI-U section of the Consumer Price Index of the United States Bureau of Labor Statistics for the latest twelve months for which statistics are available.
 - b. If during any subsequent renewal periods, the Commonwealth elects to exercise the option to renew the contract, the contract price(s) for the subsequent renewal period shall not exceed the contract price(s) of the previous renewal period increased/decreased by more than the percentage increase/decrease of the "services" category of the CPI-U section of the Consumer Price Index of the United States Bureau of Labor Statistics for the latest twelve months for which statistics are available.
16. **RFP DEBRIEFING:** In accordance with §49 of the *Governing Rules* Mason is not required to furnish a statement of the reasons why a particular proposal was not deemed to be the most advantageous. However upon request we will provide a scoring/ranking summary and the award justification memo from the evaluation committee. Formal debriefings are generally not offered.
17. **SUBCONTRACTS:** No portion of the work shall be subcontracted without prior written consent

of Mason's Purchasing office. In the event that the contractor desires to subcontract some part of the work specified herein, the contractor shall furnish Mason's Purchasing office the names, qualifications, criminal background checks and experience of their proposed subcontractors. The Contractor shall, however, remain fully liable and responsible for the work to be done by its subcontractor(s) and shall assure compliance with all requirements of the contract.

18. **SPECIAL EDUCATIONAL OR PROMOTIONAL DISCOUNTS:** The Contractor shall extend any special educational or promotional sale prices or discounts immediately to Mason. Such notice shall also advise the duration of the specific sale or discount price.
19. **WARRANTY (COMMERCIAL):** The contractor agrees that the goods or services furnished under any award resulting from this solicitation shall be covered by the most favorable commercial warranties the contractor gives any customer for such goods or services and that the rights and remedies provided therein are in addition to and do not limit those available to the Commonwealth by any other clause of this solicitation. A copy of this warranty should be furnished with the bid/proposal.
20. **WORK SITE DAMAGES:** Any damage to existing utilities, equipment or finished surfaces resulting from the performance of this contract shall be repaired to the Commonwealth's satisfaction at the contractor's expense.

XVII. RFP SCHEDULE (Subject to Change):

Issue RFP:	04/18/2019
Advertise in Washington Post:	04/19/2019
Mandatory Pre-Proposal Conference	05/09/2019 at 10:00AM
Question submission date:	05/16/2019 by 4:00 PM
Responses posted:	05/21/2019 by 4:00 PM
Proposals Due Date:	05/31/2019 @ 2:00 PM
Proposals to Committee:	06/04/2019
Proposals Reviewed & Scored:	06/04/2019 – 06/14/2019
Scores to Purchasing:	06/14/2019
Oral Presentations (if required):	Week of 06/17/2019
Negotiations, Best and Final:	Week of 06/17/19
Anticipated Award:	07/01/2019

**ATTACHMENT A
VENDOR DATA SHEET
TO BE COMPLETED BY OFFEROR**

1. **QUALIFICATION OF OFFEROR:** The Offeror certifies that they have the capability and capacity in all respects to fully satisfy all of the contractual requirements.

2. **YEARS IN BUSINESS:** Indicate the length of time in business providing this type of service:

Type of Business: "S" Corporation 70 Years 0 Months

3. **BUSINESS STATUS:**

A. Type of organization (circle one):

Individual
Sole Proprietor

Partnership
Government

Corporation
Other (explain)

B. Category (circle one):

Manufacturer/Producer
Service Establishment

Mfg.'s Agent
Distributor

Retailer
Wholesaler

Other (explain) "S" Corporation

C. Status: If your classification is certified by the Virginia Department of Small Business and Supplier Diversity (SBSD), provide your certification number N/A. For certification assistance, please visit <http://www.sbsd.virginia.gov/>. (Please check all applicable classifications. Must be certified with VIRGINIA SBSBD to qualify)

____ (MB) MINORITY OWNED. "Minority-owned business" means a business that is at least 51% owned by one or more minority individuals who are U.S. citizens or legal resident aliens, or in the case of a corporation, partnership, or limited liability company or other entity, at least 51% of the equity ownership interest in the corporation, partnership, or limited liability company or other entity is owned by one or more minority individuals who are U.S. citizens or legal resident aliens, and both the management and daily business operations are controlled by one or more minority individuals.

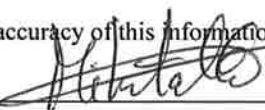
____ (WB) WOMAN OWNED. "Women-owned business" means a business that is at least 51% owned by one or more women who are U.S. citizens or legal resident aliens, or in the case of a corporation, partnership, or limited liability company or other entity, at least 51% of the equity ownership interest is owned by one or more women who are citizens of the United States or legal resident aliens, and both the management and daily business operations are controlled by one or more women.

____ (SB) SMALL BUSINESS: "Small business" means a business that is at least 51% independently owned and controlled by one or more individuals who are U.S. citizens or legal resident aliens, and together with affiliates, has 250 or fewer employees, or average annual gross receipts of \$10 million or less averaged over the previous three years. One or more of these individual owners shall control both the management and daily business operations of the small business.

X LARGE BUSINESS

I certify the accuracy of this information.

Signed:



Title: Project Manager

Printed Name: Alexandru Mihuta

Date: 05-30-2019

**ATTACHMENT B
PRICING SCHEDULE
TO BE COMPLETED BY OFFEROR**

See the PRICING
SCHEDULE included
with the proposal.

Labor and Equipment Rates

Enter hourly rates for labor services used in performing all work which may be required during the period of the contract. Labor rates shall be paid on the basis of **Time on the Job Site**. Labor rates shall include all direct and indirect costs such as transportation, G&A, contract supervision, and profit, etc.

NOTE: The Contractor shall invoice all materials, equipment rentals or subcontracts, **based on the actual cost of the materials, equipment or subcontractors**. No additional costs of any kind will be allowed.

INVOICES WHICH INCLUDE MATERIALS COSTS AND EQUIPMENT RENTAL CHARGES SHALL BE ACCOMPANIED BY SUPPLIERS INVOICES TO SUBSTANTIATE COSTS TO CONTRACTOR.

**1. Electrical Repair Services (including "As-Needed" Repairs and Emergency Repair/Installation Services)
Labor Rates – Regular time – 8:00AM to 5:00PM, Monday through Friday**

1.	Project Manager – Regular Time	HR	\$ _____
2.	Foreman – Regular Time	HR	\$ _____
3.	Master Electrician – Regular Time	HR	\$ _____
4.	Journeyman – Regular Time	HR	\$ _____
5.	Apprentice/Helper – Regular Time	HR	\$ _____

Labor Rate –After Hours - 5:00PM to 8:00AM, Mon. through Fri., Weekends and Holidays

1.	Project Manager – After Hours	HR	\$ _____
2.	Foreman – After Hours	HR	\$ _____
3.	Master Electrician – After Hours	HR	\$ _____
4.	Journeyman – After Hours	HR	\$ _____
5.	Apprentice/Helper – After Hours	HR	\$ _____

**Scope of Work #2: Preventative Maintenance (PM) Services on Switchgears (All Campuses)
Labor Rates – Regular time – 8:00AM to 5:00PM, Monday through Friday**

1.	Journeyman – Regular Time	HR	\$ _____
2.	Apprentice/Helper – Regular Time	HR	\$ _____

Labor Rate –After Hours - 5:00PM to 8:00AM, Mon. through Fri., Weekends and Holidays			
4.	Journeyman – After Hours	HR	\$ _____
5.	Apprentice/Helper – After Hours	HR	\$ _____



Purchasing Department
4400 University Drive, Mailstop 3C5
Fairfax, VA 22030
Voice: 703.993.2580 | Fax: 703.993.2589
<http://fiscal.gmu.edu/purchasing/>

ATTACHMENT C – SAMPLE CONTRACT

GMU-1586-19

Note: Other documents may be incorporated into this document, either by way of attachment or by reference, but in all cases this contract document shall take precedence over all other documents and will govern the terms and conditions of the contract.

This Contract entered on this ____ day of _____ by _____ hereinafter called “Contractor” (located at _____) and George Mason University hereinafter called “Mason.” “University”.

- I. **WITNESSETH** that the Contractor and Mason, in consideration of the mutual covenants, promises and agreement herein contained, agree as follows:
- II. **SCOPE OF CONTRACT:** The Contractor shall provide electrical repair services on an “as-needed” basis and preventative maintenance (PM) services on an estimated twenty-five (25) switch gears every year for George Mason University as set forth in the Contract Documents.
- III. **PERIOD OF CONTRACT:** One base year from date of contract execution with four (4) optional one-year renewals.
- IV. **PRICE SCHEDULE:** As negotiated
- V. **CONTRACT ADMINISTRATION:** _____ shall serve as Contract Administrator for this Contract and shall use all powers under the Contract to enforce its faithful performance. The Contract Administrators shall determine the amount, quality and acceptability of work and shall decide all other questions in connection with the work. All direction and order from Mason shall be transmitted through the Contract Administrator, however, the Contract Administrator shall have no authority to approve changes which shall alter the concept or scope or change the basis for compensation.
- VI. **METHOD OF PAYMENT:** As negotiated
- VII. **THE CONTRACT DOCUMENTS SHALL CONSIST OF (In order of precedence):**
 - A. This signed form;
 - B. RFP No. GMU-GMU-1586-19, in its entirety (incorporated herein by reference);
 - C. Contractor’s proposal dated XXXXXX (incorporated herein by reference);
 - D. Negotiation Responses dated XXXXX (incorporated herein by reference).
- VIII. **GOVERNING RULES:** This Contract is governed by the provisions of the Restructured Higher Education Financial and Administrative Operations Act, Chapter 10 (§ 23.1-1000 et seq.) of Title 23.1 of the Code of Virginia, and in particular § 23.1-1003 of the Restructuring Act (“Memoranda of Understanding”), and the “*Governing Rules*” and the *Purchasing Manual for Institutions of Higher Education and their Vendors*. Documents may be viewed at: <https://vascupp.org>.
- IX. **CONTRACT PARTICIPATION:** As negotiated
- X. **STANDARD TERMS AND CONDITIONS:**
 - A. **APPLICABLE LAW AND CHOICE OF FORUM:** This Contract shall be construed, governed, and interpreted pursuant to the laws of the Commonwealth of Virginia. All disputes arising under this Contract shall be brought before an appropriate court in the Commonwealth of Virginia.
 - B. **ANTI-DISCRIMINATION:** By entering into this Contract Contractor certifies to the Commonwealth that they

will conform to the provisions of the Federal Civil Rights Act of 1964, as amended, as well as the Virginia Fair Employment Contracting Act of 1975, as amended, where applicable, the Virginians With Disabilities Act, the Americans With Disabilities Act and §§ 9&10 of the *Governing Rules*. If the award is made to a faith-based organization, the organization shall not discriminate against any recipient of goods, services, or disbursements made pursuant to the Contract on the basis of the recipient's religion, religious belief, refusal to participate in a religious practice, or on the basis of race, age, color, gender or national origin and shall be subject to the same rules as other organizations that contract with public bodies to account for the use of the funds provided; however, if the faith-based organization segregates public funds into separate accounts, only the accounts and programs funded with public funds shall be subject to audit by the public body. (*Governing Rules*, § 36).

In every contract over \$10,000 the provisions in 1. and 2. below apply:

1. During the performance of this Contract, the Contractor agrees as follows:
 - a. The Contractor will not discriminate against any employee or applicant for employment because of race, religion, color, sex, national origin, age, disability, or any other basis prohibited by state law relating to discrimination in employment, except where there is a bona fide occupational qualification reasonably necessary to the normal operation of the Contractor. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
 - b. The Contractor, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, will state that such Contractor is an equal opportunity employer.
 - c. Notices, advertisements and solicitations placed in accordance with federal law, rule or regulation shall be deemed sufficient for the purpose of meeting these requirements.
 2. The Contractor will include the provisions of 1. above in every subcontract or purchase order over \$10,000, so that the provisions will be binding upon each subcontractor or vendor.
- C. ANTITRUST: By entering into a contract, the Contractor conveys, sells, assigns, and transfers to the Commonwealth of Virginia all rights, title and interest in and to all causes of action it may now have or hereafter acquire under the antitrust laws of the United States and the Commonwealth of Virginia, relating to the particular goods or services purchased or acquired by the Commonwealth of Virginia under said Contract.
- D. ASSIGNMENT: Neither party will assign or otherwise transfer its rights or obligations under this Contract without both parties' prior written consent. Any attempted assignment, transfer, or delegation without such consent is void.
- E. AUDIT: The Contractor shall retain all books, records, and other documents relative to this Contract for five (5) years after final payment, or until audited by the Commonwealth of Virginia, whichever is sooner. The agency, its authorized agents, and/or state auditors shall have full access to and the right to examine any of said materials during said period.
- F. AVAILABILITY OF FUNDS: It is understood and agreed between the parties herein that the agency shall be bound hereunder only to the extent of the funds available or which may hereafter become available for the purpose of this agreement.
- G. AUTHORIZED SIGNATURES: The signatory for each Party certifies that he or she is an authorized agent to sign on behalf such Party.
- H. BACKGROUND CHECKS: Contractor's employees must have successfully completed a criminal background check prior to the start of their work assignment/service. As stated in Administrative Policy Number 2221 – Background Investigations, the criminal background investigation will normally include a review of the individual's records to include Social Security Number Search, Credit Report (if related to potential job duties), Criminal Records Search (any misdemeanor convictions and/or felony convictions are reported) in all states in which the employee has lived or worked over the past seven years, and the National Sex Offender Registry. In addition, the Global Watch list (maintained by the Office of Foreign Assets Control of The US Department of Treasury) should be reviewed. Signature on this Contract confirms your compliance with this requirement.

- I. CANCELLATION OF CONTRACT: Mason reserves the right to cancel and terminate this Contract, in part or in whole, without penalty, upon 60 days written notice to the Contractor. In the event the initial Contract period is for more than 12 months, the resulting Contract may be terminated by either party, without penalty, after the initial 12 months of the Contract period upon 60 days written notice to the other party. Any contract cancellation notice shall not relieve the Contractor of the obligation to deliver and/or perform on all outstanding orders issued prior to the effective date of cancellation.
- J. CLAIMS: Contractual claims, whether for money or other relief, shall be submitted in writing no later than 60 days after final payment. However, written notice of the Contractor's intention to file a claim shall be given at the time of the occurrence or beginning of the work upon which the claim is based. Nothing herein shall preclude a contract from requiring submission of an invoice for final payment within a certain time after completion and acceptance of the work or acceptance of the goods. Pendency of claims shall not delay payment of amounts agreed due in the final payment.
1. The firm must submit written claim to:
Chief Procurement Officer
George Mason University
4400 University Drive, MSN 3C5
Fairfax, VA 22030
 2. The firm must submit any unresolved claim in writing no later than 60 days after final payment to the Chief Procurement Officer.
 3. Upon receiving the written claim, the Chief Procurement Officer will review the written materials relating to the claim and will mail his or her decision to the firm within 60 days after receipt of the claim.
 4. The firm may appeal the Chief Procurement Officer's decision in accordance with § 55 of the *Governing Rules*.
- K. COLLECTION AND ATTORNEY'S FEES: The Contractor shall pay to Mason any reasonable attorney's fees or collection fees, at the maximum allowable rate permitted under Virginia law, incurred in enforcing this Contract or pursuing and collecting past-due amounts under this Contract.
- L. COMPLIANCE WITH LAW: All goods and services provided to Mason shall be done so in accordance with any and all local, state and federal laws, regulations and/or requirements. This includes any applicable provisions of FERPA or the "Government Data Collection and Dissemination Practices Act" of the Commonwealth of Virginia.
- M. CONFLICT OF INTEREST: Contractor represents to Mason that its entering into this Contract with Mason and its performance through its agents, officers and employees does not and will not involve, contribute to nor create a conflict of interest prohibited by Virginia State and Local Government Conflict of Interests Act (Va. Code 2.2-3100 *et seq*), the Virginia Ethics in Public Contracting Act (§57 of the *Governing Rules*), the Virginia Governmental Frauds Act (Va. Code 18.2 – 498.1 *et seq*) or any other applicable law or regulation.
- N. CONTRACTOR'S TITLE TO MATERIALS: No materials or supplies for the work shall be purchased by the contractor or by any subcontractor subject to any chattel mortgage or under a conditional sales or other agreement by which an interest is retained by the seller. The contractor warrants that he has clear title to all materials and supplies for which he invoices for payment.
- O. DEBARMENT STATUS: As of the effective date, the Contractor certifies that it is not currently debarred by the Commonwealth of Virginia from submitting bids or proposals on contracts for the type of services covered by this Contract, nor is the Contractor an agent of any person or entity that is currently so debarred.
- P. DELIVERY AND STORAGE: It shall be the responsibility of the contractor to make all arrangements for delivery, unloading, receiving and storing materials in the building during installation. The owner will not assume any responsibility for receiving these shipments. Contractor shall check with the owner and make necessary arrangements for security and storage space in the building during installation.
- Q. DRUG-FREE WORKPLACE: During the performance of this Contract, the Contractor agrees to (i) provide a

drug-free workplace for the Contractor's employees; (ii) post in conspicuous places, available to employees and applicants for employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the Contractor's workplace and specifying the actions that will be taken against employees for violations of such prohibition; (iii) state in all solicitations or advertisements for employees placed by or on behalf of the Contractor that the Contractor maintains a drug-free workplace; and (iv) include the provisions of the foregoing clauses in every subcontract or purchase order of over \$10,000, so that the provisions will be binding upon each subcontractor or vendor.

For the purposes of this section, "*drug-free workplace*" means a site for the performance of work done in connection with this Contract awarded to Contractor, the employees of whom are prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession or use of any controlled substance or marijuana during the performance of the Contract.

- R. **ENTIRE CONTRACT:** This Contract constitutes the entire understanding of the Parties with respect to the subject matter herein and supersedes all prior oral or written contracts with respect to the subject matter herein. This Contract can be modified or amended only by a writing signed by all of the Parties.
- S. **EXPORT CONTROL:**
1. **Munitions Items:** If the Contractor is providing any items, data or services under this order that are controlled by the Department of State, Directorate of Defense Trade Controls, International Traffic in Arms Regulations ("ITAR"), or any items, technology or software controlled under the "600 series" classifications of the Bureau of Industry and Security's Commerce Control List ("CCL") (collectively, "Munitions Items"), prior to delivery, Contractor must:
 - (i) notify Mason (by sending an email to export@gmu.edu), and
 - (ii) receive written authorization for shipment from Mason's Director of Export Controls.

The notification provided by the Contractor must include the name of the Mason point of contact, identify and describe each ITAR or CCL-controlled commodity, provide the associated U.S. Munitions List (USML) category number(s) or Export Control Classification Number, and indicate whether or not the determination was reached as a result of a commodity jurisdiction determination, or self-classification process. The Contractor promises that if it fails to obtain the required written pre-authorization approval for shipment to Mason of any Munitions Item, it will reimburse Mason for any fines, legal costs and other fees imposed for any violation of export controls regarding the Munition Item that are reasonably related to the Contractor's failure to provide notice or obtain Mason's written pre-authorization.
 2. **Dual-Use Items:** If the Contractor is providing any dual-use items, technology or software under this order that are listed on the CCL in a series other than a "600 series", Contractor must (i) include the Export Control Classification Number (ECCN) on the packing or other transmittal documentation traveling with the item(s) and, (ii) send a description of the item, its ECCN, and the name of the Mason point of contact to: export@gmu.edu.
- T. **FORCE MAJEURE:** Mason will not be responsible for any losses resulting from delay or failure in performance resulting from any cause beyond Mason's control, including without limitation: war, strikes or labor disputes, civil disturbances, fires, natural disasters, and acts of God.
- U. **FINAL INSPECTION:** At the conclusion of the work, the contractor shall demonstrate to the authorized owners representative that the work is fully operational and in compliance with contract specifications and codes. Any deficiencies shall be promptly and permanently corrected by the contractor at the contractor's sole expense prior to final acceptance of the work.
- V. **IMMIGRATION REFORM AND CONTROL ACT OF 1986:** By entering into this Contract Contractor certifies that they do not and will not during the performance of this Contract employ illegal alien workers or otherwise violate the provisions of the federal Immigration Reform and Control Act of 1986.
- W. **INDEMNIFICATION:** Contractor agrees to indemnify, defend and hold harmless George Mason University

the Commonwealth of Virginia, its officers, agents, and employees from any claims, damages and actions of any kind or nature, whether at law or in equity, arising from or caused by the use of any materials, goods, or equipment of any kind or nature furnished by the Contractor/any services of any kind or nature furnished by the Contractor, provided that such liability is not attributable to the sole negligence of the using agency or to failure of the using agency to use the materials, goods, or equipment in the manner already and permanently described by the Contractor on the materials, goods or equipment delivered.

- X. **INDEPENDENT CONTRACTOR:** The Contractor is not an employee of Mason, but is engaged as an independent contractor. The Contractor shall indemnify and hold harmless the Commonwealth of Virginia, Mason, and its employees and agents, with respect to all withholding, Social Security, unemployment compensation and all other taxes or amounts of any kind relating to the Contractor's performance of this Contract. Nothing in this Contract shall be construed as authority for the Contractor to make commitments which will bind Mason or to otherwise act on behalf of Mason, except as Mason may expressly authorize in writing.
- Y. **INSURANCE:** The Contractor shall maintain all insurance necessary with respect to the services provided to Mason. The Contractor further certifies that they will maintain the insurance coverage during the entire term of the Contract and that all insurance is to be placed with insurers with a current reasonable A.M. Best's rating authorized to sell insurance in the Commonwealth of Virginia by the Virginia State Corporation Commission. The Commonwealth of Virginia and Mason shall be named as an additional insured.
1. Commercial General Liability Insurance in an amount not less than \$1,000,000 per occurrence for bodily injury or property damage, personal injury and advertising injury, products and completed operations coverage;
 2. Workers Compensation Insurance in an amount not less than that prescribed by statutory limits; and, as applicable;
 3. Commercial Automobile Liability Insurance applicable to bodily injury and property damage, covering owned, non-owned, leased, and hired vehicles in an amount not less than \$1,000,000 per occurrence; and
 4. An umbrella/excess policy in an amount not less than five million dollars (\$5,000,000) to apply over and above Commercial General Liability, Employer's Liability, Workers' Compensation, and Commercial Automobile Liability Insurance.
- Z. **INTELLECTUAL PROPERTY:** Contractor warrants and represents that it will not violate or infringe any intellectual property right or any other personal or proprietary right and shall indemnify and hold harmless Mason against any claim of infringement of intellectual property rights which may arise under this Contract.
- AA. **NON-DISCRIMINATION:** All parties to this Contract agree to not discriminate on the basis of race, color, religion, national origin, sex, pregnancy, childbirth or related medical conditions, age (except where sex or age is a bona fide occupational qualification, marital status or disability).
- BB. **PRIME CONTRACTOR RESPONSIBILITIES:** The contractor shall be responsible for completely supervising and directing the work under this contract and all subcontractors that he may utilize, using his best skill and attention. Subcontractors who perform work under this contract shall be responsible to the prime contractor. The contractor agrees that he is as fully responsible for the acts and omissions of his subcontractors and of persons employed by them as he is for the acts and omissions of his own employees.
- CC. **PUBLICITY:** The Contractor shall not use, in its external advertising, marketing programs or promotional efforts, any data, pictures, trademarks or other representation of Mason except on the specific written authorization in advance by Mason's designated representative.
- DD. **REMEDIES:** If the Contractor breaches this Contract, in addition to any other rights or remedies, Mason may terminate this Contract without prior notice.
- EE. **RENEWAL OF CONTRACT:** This Contract may be renewed by the University for four (4) one year renewal options under the terms and conditions of the original contract except as stated in 1. and 2. below. Price increases may be negotiated only at the time of renewal. Written notice of the University's intention to renew shall be given approximately 90 days prior to the expiration date of each contract period.

1. If the University elects to exercise the option to renew the Contract for an additional one-year period, the Contract price(s) for the additional one year shall not exceed the Contract price(s) of the original Contract increased/decreased by more than the percentage increase/decrease of the "services" category of the CPI-U section of the Consumer Price Index of the United States Bureau of Labor Statistics for the latest twelve months for which statistics are available.
 2. If during any subsequent renewal periods, the University elects to exercise the option to renew the Contract, the Contract price(s) for the subsequent renewal period shall not exceed the Contract price(s) of the previous renewal period increased/decreased by more than the percentage increase/decrease of the "services" category of the CPI-U section of the Consumer Price Index of the United States bureau of Labor Statistics for the latest twelve months for which statistics are available.
- FF. REPORTING OF CRIMES, ACCIDENTS, FIRES AND OTHER EMERGENCIES: Any Mason Employee, including contracted service providers, who is not a staff member in Counseling and Psychological Services (CAPS) or a pastoral counselor, functioning within the scope of that recognition, is considered a "Campus Security Authority (CSA)." CSAs must promptly report all crimes and other emergencies occurring on or near property owned or controlled by Mason to the Department of Police & Public Safety or local police and fire authorities by dialing 9-1-1. At the request of a victim or survivor, identifying information may be excluded from a report (e.g., names, initials, contact information, etc.). Please visit the following website for more information and training: <http://police.gmu.edu/clery-act-reporting/campus-security-authority-csa/>."
- GG. SEVERABILITY: Should any portion of this Contract be declared invalid or unenforceable for any reason, such portion is deemed severable from the Contract and the remainder of this Contract shall remain fully valid and enforceable.
- HH. SOVEREIGN IMMUNITY: Nothing in this Contract shall be deemed a waiver of the sovereign immunity of the Commonwealth of Virginia and of Mason.
- II. SUBCONTRACTS: No portion of the work shall be subcontracted without prior written consent from Mason. In the event that the Contractor desires to subcontract some part of the work specified herein, the Contractor shall furnish Mason the names, qualifications and experience of their proposed subcontractors. The Contractor shall, however, remain fully liable and responsible for the work to be done by its subcontractor(s) and shall assure compliance with all requirements of this Contract.
- JJ. UNIVERSITY REVIEW/APPROVAL: All goods, services, products, design, etc. produced by the Contractor for or on behalf of Mason are subject to Mason's review and approval.
- KK. WAIVER: The failure of a party to enforce any provision in this Contract shall not be deemed to be a waiver of such right.
- LL. WARRANTY (COMMERCIAL): The contractor agrees that the goods or services furnished under any award resulting from this solicitation shall be covered by the most favorable commercial warranties the contractor gives any customer for such goods or services and that the rights and remedies provided therein are in addition to and do not limit those available to the Commonwealth by any other clause of this solicitation. A copy of this warranty should be furnished with the bid/proposal.
- MM. WORK SITE DAMAGES: Any damage to existing utilities, equipment or finished surfaces resulting from the performance of this contract shall be repaired to the Commonwealth's satisfaction at the contractor's expense.

Contractor Name Here

By:

Signature

Date

Name:

Title:

George Mason University
By:

Signature

Date

Name: _____

Title: _____

Critical Power Division

05-30-2019

1765 Greensboro station place
McLean, VA 22102FROM: MCDean, Inc. Due Date/Time: May 31st, 2019 at 2:00PMTEL 571-209-6500
FAX 703-726-9795Street or Box Number: 1765 Greensboro Station Pl. RFP Number: GMU-1586-19City, State, Zip Code: McLean, VA 22102

www.mcdean.com

RFP Title: Electrical Repair Services & PM Services on SwitchgearsName of Procurement Officer or Buyer: Katherine Sirotin, Assistant Director, PurchasingBID#: **2019-108**Re: **Proposal for Electrical Repair Services and Preventive Maintenance (PM)
Services of Switchgears- Rev00****Locations:**

- Fairfax Campus – 4400 University Dr. Fairfax, VA 22030
- Arlington Campus – 3351 Fairfax Dr. Fairfax, VA 22201
- Prince William/Manassas (Science & Technology Campus) – 10900 University Blvd. Manassas, VA 20110
- Point of View (POV) Facility – 7300 Old Spring Dr. Lorton, VA 22079
- Potomac Science Center- 650 Mason Ferry Avenue, Woodbridge VA 22191
- Front Royal (Smithsonian Center for Conservation Campus) – 1500 Remount Rd. Front Royal, VA 22630

Dear Mrs. Sirotin,

The Critical Power Group of M.C. Dean, Inc. would like to thank you for the opportunity to help with your maintenance request. I would like to preface this proposal with a Narrative of our Company's qualities and strengths. M.C. Dean, Inc. draws from its unmatched experience in Design Build, Construction, Energy, Communications, Security, Life Safety, Automation, and Critical Power to provide the most comprehensive service available. For more than fifty years, M.C. Dean, Inc. has provided professional and courteous service to commercial, government, institutional, educational, and educational clients throughout the Washington D.C. Metropolitan Area. We take great pride in our reputation for quality maintenance, installations, and responsive customer service. We hope that you see the value that our firm could bring to your Company.

We are dedicated to our customer's best interests and strive to be their service provider of choice. We can be trusted to provide quality, cost effective and innovative solutions to your facilities needs. We are also committed to maintaining a team-based relationship with the other members of the M.C. Dean, Inc. family of companies to ensure that our clients receive the highest quality and efficiency of service.

Our core principles are Integrity, Technical Competence, and Efficiency. To be successful we must provide value, instill confidence in our skills, be easily accessible, and continually prove our commitment to the long-term well being of our clients and our business.

If you should have any questions regarding this proposal, or need further information, please do not hesitate to contact me directly at (703) 802-6231 ext. 1186.

Sincerely,

Alexandru Mihuta
Project Manager/ Electrical Engineer
M.C. Dean, Inc. Critical Power Group**PROPRIETARY NOTICE**

This request for proposal reply includes data that shall not be disclosed outside GEORGE MASON UNIVERSITY and shall not be duplicated, used, or disclosed—in whole or in part—for any purpose other than to evaluate this proposal. If, however, a contract is awarded to this offeror as a result of—or in connection with—the submission of this data, GEORGE MASON UNIVERSITY shall have the right to duplicate, use, or disclose the data to the extent provided in the resulting contract. This restriction does not limit GEORGE MASON UNIVERSITY right to use information contained in this data if it is obtained from another source without restriction. The data subject to this restriction is contained in sheets marked as follows: "Use or disclosure of data contained on this sheet is subject to the restriction on the title page of this proposal."

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1. Specific plans and Statement Of Work (SOW)

(Reference: RFP GMU-1586-19, X.)

SOW #1.- Electrical Repair Services (including "As-Needed" Repairs and Emergency Repair/Installation Services)

MCDean will furnish all labor, tolls, and materials necessary to perform electrical services for all locations on an "as-needed" basis in accordance with the terms and conditions set forth herein.

Examples of types of electrical services are as follows, but are not limited to:

- a. Installing conduit of all type, pulling wire, and installing motor controllers, power and lighting panels, outside parking lots lighting (which may require a bucket truck), lighting devices, motors, receptacles, switches, etc., using all types of wiring devices.
- b. Installing power sources and pulling necessary cables for computers and related equipment.
- c. Other minor electrical renovations and construction projects to install, repair, or replace.
- d. Installing lighting retrofits of all types including LED fixtures, wall packs, and lamps.
- e. All other electrical services not mentioned above.

All other, "as needed" electrical services shall be billed as time (labor hour) and material services. These services may include, but are not limited to the following:

- a. Adjustments
- b. Calibrations
- c. Checks of all applicable parts and components.
- d. Inspection and Testing
- e. Diagnosis
- f. Installation, repairs and replacements of broken/deficient components, parts, materials etc. for items such as:
 - i. Permanent or temporary generators including any necessary site work
 - ii. Switch gear including service entrance switches and other devices located within
 - iii. All new or replace conductors in existing conduit, both high and low voltage
 - iv. Conduit or race way
 - v. Motor starters or controllers
 - vi. Variable Frequency Drives
 - vii. Low voltage controls such as fire alarm, access controls, building automation systems, or other means of data transmission
 - viii. Existing equipment

The preventive maintenance work will include the following:

- a. Initial infrared (IR) testing of the switch gear to include a report identifying discrepancies. The report will also include recommended repairs for each discrepancy including a price quote for the repairs including labor hours, materials and equipment costs and the approximate lead time for the materials.
- b. Torque, tighten and clean gear as required to ensure operational readiness of the building's electrical switch gear.
- c. Final IR test and written report including an explanation of all actions taken and results of the final IR test. All switchgear PMs will be scheduled by GMU. George Mason anticipates approximately 25 switch gear PMs per year on the various campuses mentioned herein. Should MCDean discover required repairs, above and beyond which the preventive maintenance tasks can repair, we will submit requirements and estimated time and material costs associated with the initial testing report. If approved, additional funding needs to be issued.

All other, "as needed" electrical services will be billed as time (labor hour) and material services. These services may include, but are not limited to the following:

- a. Adjustments
- b. Calibrations
- c. Inspection and Testing
- d. Diagnosis
- e. Installation, repairs and replacements of broken/deficient components, parts, materials etc. for items such as:

- i. Permanent or temporary generators including any necessary site work'
- ii. All new or replace conductors in existing conduit, both high and low voltage
- iii. Conduit or race way
- iv. Motor starters or controllers
- v. Low voltage controls such as fire alarm, access controls, building automation systems, or other means of data transmission
- vi. Existing equipment

SOW #2.- Preventative Maintenance (PM) Services on Switchgears (All Campuses):

MCdean will provide a proposal for time and material, including any negotiated labor rates as outlined in Attachment A, for "as needed" Preventative Maintenance (PM) services on switchgears, in accordance with manufacturer specific maintenance and testing procedures, and general industry practices, on the switch gear to include performing:

- a. Initial infrared (IR) testing of the switch gear to include a report identifying discrepancies. The report shall also include recommended repairs for each discrepancy including a price quote for the repairs including labor hours, materials and equipment costs and the approximate lead time for the materials.
 - b. Torque, tighten and clean gear as required to ensure operational readiness of the building's electrical switch gear.
 - c. Final IR test and written report including an explanation of all actions taken and results of the final IR test.
- All switchgear PMs will be scheduled by GMU. George Mason anticipates approximately 25 switch gear PMs per year on the various campuses mentioned herein. Should the Contractor discover required repairs, above and beyond which the preventive maintenance tasks can repair, they will submit requirements and estimated time and material costs associated with the initial testing report. If necessary, additional funding will be issued.

NOTE: This PM work will require the facilities power to be shut-down.

2. Preventive Maintenance Inspection Plan and Test Procedures

(Reference: RFP GMU-1586-19, XII.B.3.)

Switchgear and Switchboards

1. Inspect for physical, electrical and mechanical condition.
2. Compare equipment nameplate information to compatibility of installation.
3. Check for proper anchorage, required clearance and proper alignment.
4. Check tightness of bolted connections by calibrated torque wrench method according to manufacturer's recommendations.
5. Verify any interlocking systems.
6. Inspect accessible insulators for evidence of physical damage or contamination.
7. Exercise all active components.
8. Vacuum the interior of switchboards.
9. Clean buss and contacts with a suitable non-conductive solvent.
10. Lubricate all moving mechanisms as recommended by the manufacturer.
11. Check conductors for abrasions.
12. Megger the main buss.
13. Note any excessive wear, damage or deterioration in components.

Low Voltage Breaker

Visual and Mechanical Inspection

1. Inspect physical and mechanical condition.
2. Inspect anchorage, alignment, and grounding.
3. Verify that all maintenance devices are available for servicing and operating the breaker.
4. Prior to cleaning the unit, perform as-found tests, if required.
5. Clean the unit.
6. Inspect arc chutes.
7. Inspect moving and stationary contacts for condition, wear, and alignment.
8. Verify that primary and secondary contact wipe and other dimensions vital to satisfactory operation of the breaker are correct.
9. Perform all mechanical operator and contact alignment tests on both the breaker and its operating mechanism in accordance with manufacturer's published data.
10. Inspect bolted electrical connections for high resistance using one of the following methods:
 1. Use of a low-resistance ohmmeter
 2. Verify tightness of accessible bolted electrical connections by calibrated torque-wrench method in accordance with manufacturer's published data or NETA-MTS Table 100.12.
11. Verify cell fit and element alignment.
12. Verify racking mechanism operation.
13. Use appropriate lubrication on moving current-carrying parts and on moving and sliding surfaces.
14. Perform as-left tests.
15. Record as-found and as-left operation counter readings, if applicable.

Transformers: Dry Type

Inspect for physical damage, broken insulation, tightness of connections, defective wiring and general condition.
Thoroughly clean unit prior to re-energizing.
Verify proper equipment grounding and bonding.

Panel Boards

- Inspect for defects and physical damage.
- Check labeling, nameplate compliance and if panel schedule is present.
- Check mounting and area clearances.
- Check tightness of electrical connections.
- Confirm over-current protection is correct for wire sizes.
- Make note of any double-up circuits.
- Clean interior panel board with proper non-conductive solvent

Disconnects and Starters

- Inspect for physical and mechanical operation.
- Check for proper anchorage and required clearances.
- Perform mechanical operation test.
- Verify fuse sizes and types.
- Verify that motor overloads are in place.
- Check contacts and blade alignment.
- Inspect all bus and/or cable connections for tightness.
- Clean entire switch/starter using proper non-conductive solvent.
- Lubricate as required.

Automatic Transfer Switch (ATS)

- Inspect for physical and mechanical operation.
- Check for proper anchorage and required clearances.
- Perform mechanical operation test.
- Verify breakers/fuses sizes and types.
- Verify that motor overloads are in place.
- Clean entire switch using proper non-conductive solvent.
- Lubricate as required.

Infrared Scanning

- Perform quantitative infrared qualitative inspections (Infrared Imagery Only for the detected hotspots) at SWGR electrical connections with a load no lower than 40%.
- Perform quantitative infrared qualitative inspections (Infrared Imagery Only for the detected hotspots) at all bus joints, if applicable. Metal Joint tie channels covers shall not be removed
- Perform quantitative infrared qualitative inspections (Infrared Imagery Only for the detected hotspots) for panelboards and transformers with a load no lower than 40%.
- Equipment covers will be removed and replaced by MCDean technicians with George Mason University building access assistance.

3. Qualifications and Experience

(Reference: RFP GMU-1586-19, XII.B.4.)

a. Company History

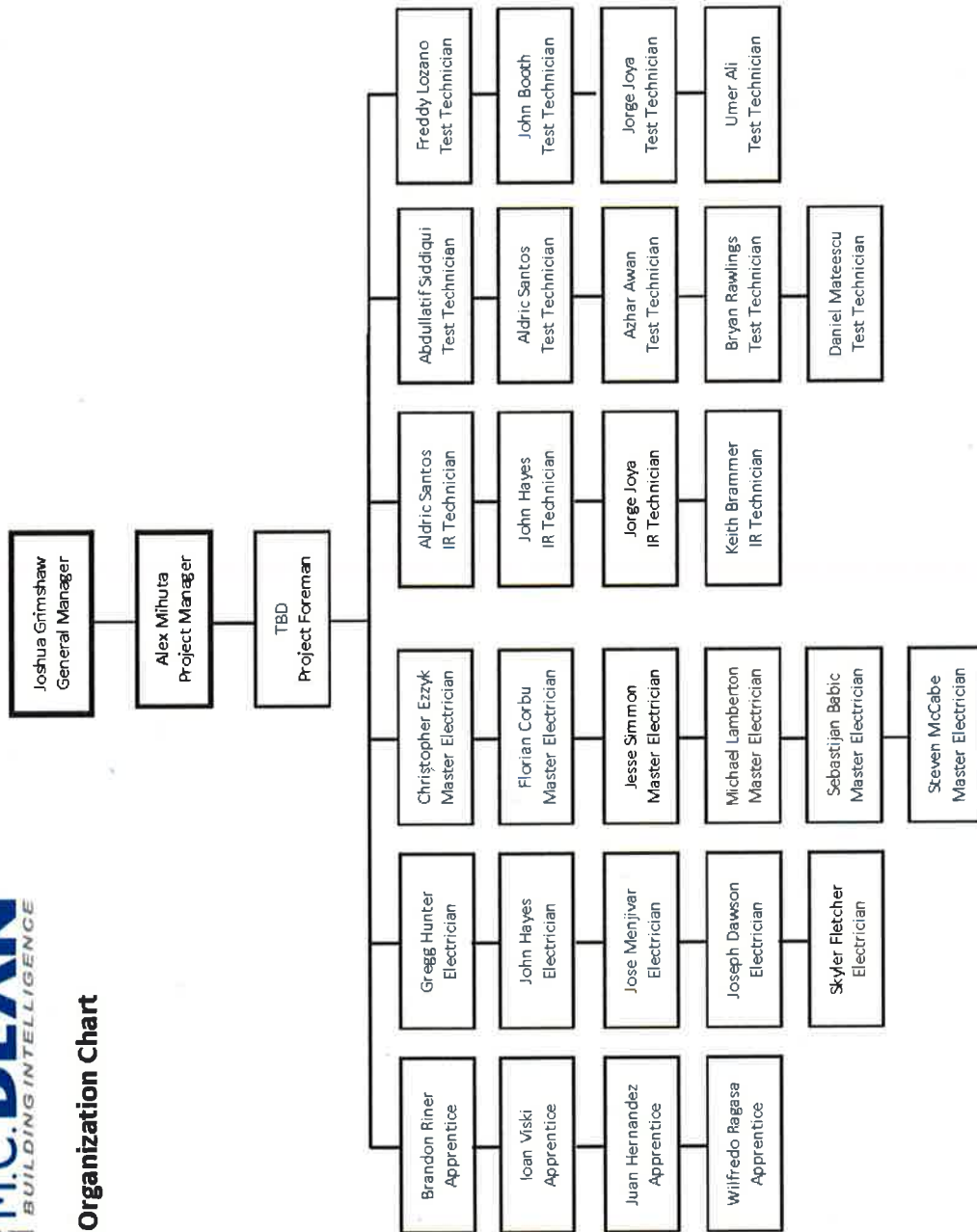
Founded in Virginia in 1949, M.C. Dean's core business focuses on the delivery, operations, inspection, maintenance, and testing of large-scale, mission-critical systems and facilities for government and commercial customers throughout the United States. With more than 2,800 employees worldwide – including more than 500 engineers with expertise in complex electrical systems and related disciplines – we provide innovative solutions for the engineering, installation, integration, maintenance, inspection, testing, and repair of electrical systems, electronic systems, critical power, building electrical infrastructure, transformers, switches, applications and software.

M.C. Dean's electrical preventive maintenance program includes periodic inspection, testing, cleaning, and adjustment to sensitive electronic and electrical equipment to keep systems and equipment of varying ages and configurations in optimum operating condition. Our use of predictive maintenance technologies, including data trending, in-depth inspection, historical analysis, thermography, harmonics studies, and other techniques helps to minimize malfunction, breakdown, and the deterioration of equipment. Our maintenance, inspection, and testing processes meet or exceed all manufacturer's recommendations.

b. Organization chart allotted for this project



Organization Chart



4. References

(Reference: RFP GMU-1586-19, XII.B.5.)

In the past three (3) years, M.C. Dean has performed numerous comparable projects and contracts in which we provided maintenance, inspection, testing and repair on high, medium and low voltage switchgear. For these projects, listed below and described on the following pages, M.C. Dean minimized system downtime, mitigated any risk of damage to the electrical equipment, and ensured that our teams of experienced electricians and technicians safely and successfully executed preventive maintenance and repairs that were scheduled, tracked, and quality controlled in accordance with NETA Standards.

M.C. DEAN PAST PERFORMANCE – RELEVANT SYSTEMS AND SERVICES														
PROJECT/ CUSTOMER	CONTRACT RELEVANCE					EQUIPMENT RELEVANCE			EXPERIENCE RELEVANCE					
	Contract Value	Team Size	Similar Size	Similar Scope	Within Past 5 Years	Multiple Substations	Circuit Breakers	Generators	Scheduled and Tracked	Quality Controlled	Commitment to Safety	Minimal Power Outages	Undamaged Equipment	NETA Standards
DISA	>\$1M	Up to 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Blue Plains	\$88M	Up to 15	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
The Pentagon	\$3.5M	Up to 24	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Table 1: M.C. Dean's recent projects – all performed within the past 5 years – demonstrate our comprehensive coverage of the systems and services

No active contracts terminated within the past five (5) years.

(Reference: GMU-1586-19, XII.B.5.)

Site Support, Preventive Maintenance, and Electrical Projects			
DEFENSE INFORMATION SYSTEMS AGENCY (DISA), FORT MEADE, MARYLAND			
SIMILAR SIZE	✓	SIMILAR SCOPE	✓
WITHIN PAST 5 YEARS		✓	
CURRENT CONTRACT VALUE:	>\$1M		
PERIOD OF PERFORMANCE:	2016 – 2021		
LOCATION:	Fort Meade, MD		
CONTRACT NUMBER:	Multiple Purchase Orders		
TEAM SIZE:	2 – 10 Personnel		
CLIENT REFERENCE:	<div>Duane E. Maslowski, FMP, LEED Green Assoc. Vice President, Mid-Atlantic Region GCR, Inc. Service Disabled Veteran Owned Business 301-225-1037 (Office) 215-805-1339 (Cell) dmaslowski@gcrinc.net</div>		
RELEVANT SCOPE OF EQUIPMENT MAINTAINED AND REPAIRED			
Multiple Substations	Multiple Medium Voltage and Low Voltage Switchgears, Generators Switchgear		
Circuit Breakers	Square D 480V NW1600A-5000A, EATON 15KV 150VCP, etc.		
Generators	Two 2MW Generators		
RELEVANCE OF EXPERIENCE		PROJECT BACKGROUND	
PREVENTIVE MAINTENANCE & REPAIR		M.C. Dean has been providing onsite support, PM and construction projects for DISA for several years. Maintenance and testing is performed on mission critical equipment on a predefined schedule and task order projects are assigned to M.C. Dean as required and requested by DISA. Below is an example of one performed M.C. Dean project.	
Scheduled and Tracked	✓		
Quality Controlled	✓		
Commitment to Safety	✓		
Minimal Power Outages	✓		
No Damage to Electrical Distribution Eqmt	✓		
In accordance with NETA standards	✓		
PROJECT DESCRIPTION			
The goal of this contract is to maintain these critical electrical systems in continuously operating, properly functioning condition and to perform preventative maintenance to enable anticipation of the need for repair/replacement prior to systems failure to avoid power outages to mission critical services.			

addressing lockout/tagout and other procedures relating to high voltage.

The preventative maintenance, testing and inspection of the High Voltage Electrical Equipment performed under this contract included maintenance, testing and inspection activities performed on a periodic basis to prevent equipment failure resulting from component failure, dirt, corrosion, age, setting drift, neglect, environment, etc. The maintenance is performed on specific time intervals and is dictated by a number of operational factors in the critical facilities they service. The criticality of the equipment, the locations and quantity of equipment to be maintained and the schedule of required outages to perform maintenance on this critical equipment are affected by activities within the facilities served and required close coordination with The Office of Real Estate and Facilities.

M.C. Dean performs all preventive maintenance, testing, inspection and repair work in accordance with approved and accepted standards of the equipment manufacturers, all applicable base, local, state and Federal standards, and all applicable building and safety codes including NFPA 70 & 70B, IEEE standards 902, IEEE Standards 446, NETA, Equipment O&M Manuals and Manufacturers recommendations. All materials, supplies, and parts we furnish comply with applicable Government, commercial, or industrial standards such as National Board of Underwriters or Underwriters Laboratories, Inc.

M.C. Dean is available 24 hours a day for emergency service, and responds within 30 minutes for this mission-critical project.

(Reference: GMU-1586-19, XII.B.5.)

Expansion & Maintenance Of Blue Plains Facility					
BLUE PLAINS WASTE WATER TREATMENT PLANT, WASHINGTON, D.C.					
SIMILAR SIZE	✓	SIMILAR SCOPE	✓	WITHIN PAST 5 YEARS	✓
CURRENT CONTRACT VALUE:		\$88M			
PERIOD OF PERFORMANCE:		2012 – Present on current project			
LOCATION:		Washington, D.C.			
CONTRACT NUMBER:		Agreement No. 100-004			
TEAM SIZE:		10-15 Personnel			
CLIENT REFERENCE:		Mrs. Denise Edwards Contract Specialist Washington, DC Water and Sewer Authority 202-787-2170 Denise_edwards@dcwasa.com			
RELEVANT SCOPE OF EQUIPMENT MAINTAINED AND REPAIRED					
Multiple Substations		Multiple Medium Voltage and Low Voltage Switchgears, Generators Switchgear			
Circuit Breakers		Square D 480V NW1600A-5000A, EATON 15KV 150VCP, etc.			
Generators		Multiple Generators			
RELEVANCE OF EXPERIENCE			PROJECT BACKGROUND		
PREVENTIVE MAINTENANCE & REPAIR			The Blue Plains Advanced Wastewater Treatment Plant is the largest advanced wastewater treatment plant in the world, with a capacity to treat 370 million gallons of wastewater per day. It has been instrumental in the environmental protection of the Potomac River and Chesapeake Bay watersheds since it began operations in 1983. M.C. Dean's involvement with this site includes several components that go back as far as 1990. M.C. Dean is currently working there today.		
Scheduled and Tracked		✓			
Quality Controlled		✓			
Commitment to Safety		✓			
Minimal Power Outages		✓			
No Damage to Electrical Distribution Eqmt		✓			
In accordance with NETA standards		✓			
PROJECT DESCRIPTION					
M.C. Dean has been performing the Maintenance of Electrical Systems and Controls for Blue Plains Advanced Wastewater Treatment Facility since its installation in 1990. Since 1990, M.C. Dean has continuously held contracts to provide complete inspection, maintenance, testing and emergency repair services for all electrical distribution systems and controls throughout the Blue Plains Wastewater Treatment Plant. All of these projects were					

performed within the confines of a fully functioning operating plant. As one of the largest programs of this kind in the Mid-Atlantic Region, M.C. Dean staffed 14 full-time technicians to service all systems, from connecting the 69kV incoming PEPCO feeders, to upgrading the 40 MVA distribution transformers, and installing 15kV switchboards, bus duct, feeder cables, 4160V motor control circuits and schemes throughout the facility. M.C. Dean was a mainstay on this project since 1990, ensuring the continuous and safe operation of the Plant's low, medium, and high voltage electrical distribution system.

M.C. Dean is responsible for maintaining, testing, calibrating, modifying and repairing the industrial motor control equipment at the various facilities. Our services include calibrating the control relays throughout the facility according to coordination studies and curves. We use state-of-the-art Multi-Amp SR series and Doble Relay Test Sets to test cable hi-pots, circuit breaker high current, TTR, and power factor.

Our work also consists of maintaining and repairing the low voltage, electrical power distribution equipment and systems, such as motor, motor starters, motor controls valve actuators, and an extensive array of protective relays and control schemes that operate these large industrial facilities. Other tasks include all necessary work to complete corrective and preventive maintenance consisting of switching, grounding, and placement of safety barriers.

(Reference: GMU-1586-19, XII.B.5.)

Maintenance of Electrical Vault			
THE PENTAGON, ARLINGTON, VIRGINIA			
SIMILAR SIZE	✓	SIMILAR SCOPE	✓
		WITHIN PAST 5 YEARS	
		CURRENT CONTRACT VALUE: \$3.5M	
		PERIOD OF PERFORMANCE: 2005 – 2019 Consecutive 5-year contracts	
		LOCATION: Arlington, Virginia	
		CONTRACT NUMBER: HQ003417D0013	
		TEAM SIZE: 6 – 24 Personnel	
		CLIENT REFERENCE: Mr. Robert Walker Director of PBMO Services Pentagon Building Maintenance Office (703) 693-8084 Robert.walker@whs.mil	
RELEVANT SCOPE OF EQUIPMENT MAINTAINED AND REPAIRED			
Multiple Substations	Over 50 Cutler Hammer substations		
Circuit Breakers	Cutler Hammer 15KV and 480V		
Generators	Multiple CAT 2.5MW		
RELEVANCE OF EXPERIENCE		PROJECT BACKGROUND	
PREVENTIVE MAINTENANCE & REPAIR		The Pentagon contracted M.C. Dean to provide and implement a comprehensive preventative maintenance, testing and inspection program for all the electrical equipment ranging from 13.8kv to 480/277v and 208/120v for the Heating and Refrigeration Plant (H&RP), The Pentagon Building, and the Incinerator Building.	
Scheduled and Tracked	✓		
Quality Controlled	✓		
Commitment to Safety	✓		
Minimal Power Outages	✓		
No Damage to Electrical Distribution Eqpt	✓		
In accordance with NETA standards	✓		
PROJECT DESCRIPTION			
The goal of this contract is to maintain these critical electrical systems in continuously operating, properly functioning condition and to perform preventative maintenance to enable anticipation of the need for repair/replacement prior to systems failure to avoid power outages to mission critical services.			
M.C. Dean furnishes all parts, labor, materials, equipment, and management supervision for this program. The M.C. Dean Safety Department created a special safety plan for this project, addressing lockout/tagout and other procedures relating to high voltage.			

performed under this contract included maintenance, testing and inspection activities performed on a periodic basis to prevent equipment failure resulting from component failure, dirt, corrosion, age, setting drift, neglect, environment, etc. The maintenance is performed on specific time intervals and is dictated by a number of operational factors in the critical facilities they service. The criticality of the equipment, the locations and quantity of equipment to be maintained and the schedule of required outages to perform maintenance on this critical equipment are affected by activities within the facilities served and required close coordination with The Office of Real Estate and Facilities.

M.C. Dean performs all preventive maintenance, testing, inspection and repair work in accordance with approved and accepted standards of the equipment manufacturers, all applicable base, local, state and Federal standards, and all applicable building and safety codes including NFPA 70 & 70B, IEEE standards 902, IEEE Standards 446, NETA, Equipment O&M Manuals and Manufacturers recommendations. All materials, supplies, and parts we furnish comply with applicable Government, commercial, or industrial standards such as National Board of Underwriters or Underwriters Laboratories, Inc.

M.C. Dean is available 24 hours a day for emergency service, and responds within 30 minutes for this mission-critical project.

SUBCONTRACTORS

Sure Power, a certified Small Business enterprise, supported M.C. Dean with the procurement, installation, transportation, handling, and disposal of battery systems.

5. Pricing Schedule / Pricing Form

(Reference: RFP GMU-1586-19, XII.B.6.)

RFP ATTACHMENT B PRICING SCHEDULE TO BE COMPLETED BY OFFEROR

Labor and Equipment Rates			
<p>Enter hourly rates for labor services used in performing all work which may be required during the period of the contract. Labor rates shall be paid on the basis of Time on the Job Site. Labor rates shall include all direct and indirect costs such as transportation, G&A, contract supervision, and profit, etc.</p> <p>NOTE: The Contractor shall invoice all materials, equipment rentals or subcontracts, based on the actual cost of the materials, equipment or subcontractors. No additional costs of any kind will be allowed.</p> <p>INVOICES WHICH INCLUDE MATERIALS COSTS AND EQUIPMENT RENTAL CHARGES SHALL BE ACCOMPANIED BY SUPPLIERS INVOICES TO SUBSTANTIATE COSTS TO CONTRACTOR.</p> <p>1. Electrical Repair Services (including "As-Needed" Repairs and Emergency Repair/Installation Services) Labor Rates – Regular time – 8:00AM to 5:00PM, Monday through Friday</p>			
1.	Project Manager – Regular Time	HR	\$ _____ 170.00 _____
2.	Foreman – Regular Time	HR	\$ _____ 88.00 _____
3.	Master Electrician – Regular Time	HR	\$ _____ 79.00 _____
4.	Journeyman – Regular Time	HR	\$ _____ 73.00 _____
5.	Apprentice/Helper – Regular Time	HR	\$ _____ 59.00 _____
6.	Testing Technician – Regular Time	HR	\$ _____ 141.00 _____
Labor Rate – After Hours - 5:00PM to 8:00AM, Mon. through Fri., Weekends and Holidays			
1.	Project Manager – After Hours	HR	\$ _____ 195.00 _____
2.	Foreman – After Hours	HR	\$ _____ 132.00 _____
3.	Master Electrician – After Hours	HR	\$ _____ 118.50 _____
4.	Journeyman – After Hours	HR	\$ _____ 109.50 _____

5.	Apprentice/Helper – After Hours	HR	\$ 88.50
6.	Testing Technician – After Hours	HR	\$ 211.50
Scope of Work #2: Preventative Maintenance (PM) Services on Switchgears (All Campuses)			
Labor Rates – Regular time – 8:00AM to 5:00PM, Monday through Friday			
1.	Project Manager – After Hours	HR	\$ 170.00
2.	Testing Technician – Regular Time	HR	\$ 141.00
3.	Journeyman – Regular Time	HR	\$ 73.00
4.	Apprentice/Helper – Regular Time	HR	\$ 59.00
Labor Rate –After Hours - 5:00PM to 8:00AM, Mon. through Fri., Weekends and Holidays			
1.	Project Manager – After Hours	HR	\$ 195.00
2.	Testing Technician – After Hours	HR	\$ 211.50
3.	Journeyman – After Hours	HR	\$ 109.50
4.	Apprentice/Helper – After Hours	HR	\$ 88.50

6. Licenses and list of field personnel

(Reference: RFP GMU-1586-19, XII.B.7.)

For a copy of Contractor's License and Master Electrician License, issued by the State of Virginia Board for Contractors, see Attachment A.

MCDean Contractor's License #: 2701009502

MCDean Master Electrician License #: 2710016710

The list of field personnel associated with this project:

Masters: Christopher Ezzyk
Florian Corbu
Jesse Simmons
Michael Lamberton
Sebastijan Babic
Steven McCabe

Electricians: Gregg Hunter
John Hayes
Jose Menjivar
Joseph Dawson
Skyler Fletcher

Apprentices: Brandon Riner
Ioan Viski
Juan Hernandez
Wilfredo Ragasa

IR Techs: Aldric Santos
John Hayes
Jorge Joya
Keith Brammer

Test Technicians: Abdullatif Siddiqui
Aldric Santos
Azhar Awan
Bryan Rawlings
Daniel Mateescu
Freddy Lozano
John Booth
Jorge Joya
Umer Ali

Please see Transcripts and License information in Attachment B.

7. Payment Preference

(Reference: RFP GMU-1586-19, XV.)

MCDean will prefer payment options in this order, all options are acceptable:

Most favored: Option #1- Payment to be mailed in 10 days, but not exclusive

Neutral: Option #2- To be paid in 20 days.

Least favored: Option#3- Net 30 Payment Terms.

8. Contract Terms

PERIOD OF PERFORMANCE: Contract services shall commence at time of contract execution and/or receipt of Purchase Order (PO) and be in effect for one (1) year with four (4) one (1) year optional renewal periods or as negotiated.

PREVENTIVE MAINTENANCE SCHEDULE PROJECTED DATES: To be mutually agreed upon

9. Other Terms

1. All prices are valid for 120 days from the date of this proposal.
2. Permit and inspection fees are **not** included for the authority having jurisdiction.
3. Utility charges for the outage are **not** included in the quoted amounts, if required
4. Minor repairs that do not impede on the progress of the scheduled work are usually performed at the time that they are identified, during the course of the maintenance project. Materials for any minor repairs may create additional cost. Prior to performing or providing any additional repairs or materials M.C. Dean, Inc. will request permission from the owners' representative.



If our services are required, please call the M. C. Dean Inc., Communication Center (24-hour Call Center) at 1-800-7MCDEAN (1-800-762-3326). In most cases response times are less than 2 hours.

Customer: Acceptance

Name: _____
Title: _____
Date: _____

Customer Address:

Phone: _____
Fax: _____

M. C. Dean Inc.,

Alexandru Mihuta
Project Manager, Service and Critical Support
Date: 05-30-19

Address for Payment:

M. C. Dean, Inc. Inc.
1765 Greensboro Station Place
McLean, VA 22102
Attn: Accounts Receivable

Please sign and return upon acceptance of the pricing and scope.

E-mail to alexandru.mihuta@mcdean.com

10. ATTACHMENT A - Contractor's License and Master Electrician License

COMMONWEALTH of VIRGINIA

Department of Professional and Occupational Regulation
9960 Mayland Drive, Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

EXPIRES ON
01-31-2020

NUMBER
2701009502

BOARD FOR CONTRACTORS
CLASS A CONTRACTOR
CLASSIFICATIONS CBC ELE ESC RBC



M. C. DEAN INC
1765 GREENSBORO STATION PLACE
MCLEAN, VA 22102



James W. DeLoach
Jay W. DeLoach, Director

Status can be verified at <http://www.dpor.virginia.gov>

DPOR-LIC (02/2017)
(DETACH HERE)

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)



CLASS A BOARD FOR CONTRACTORS
CONTRACTOR

CLASSIFICATIONS CBC ELE ESC RBC
NUMBER: 2701009502 EXPIRES: 01-31-2020

M. C. DEAN INC
1765 GREENSBORO STATION PLACE
MCLEAN, VA 22102



(FOLD)

Status can be verified at <http://www.dpor.virginia.gov>

DPOR-PC (02/2017)

COMMONWEALTH of VIRGINIA

Department of Professional and Occupational Regulation

9960 Mayland Drive, Suite 400, Richmond, VA 23233

Telephone: (804) 367-8500

EXPIRES ON

01-31-2022

NUMBER

2710016710

BOARD FOR CONTRACTORS
TRADESMAN



MARION CASEY DEAN
1765 GREENSBORO STATION PLACE
TYSONS, VA 22102



James W. DeBoer
James W. DeBoer, Director

Status can be verified at <http://www.dpor.virginia.gov>

(SEE REVERSE SIDE FOR PRIVILEGES AND INSTRUCTIONS)

DPOR-LIC (02/2017)

(DETACH HERE)



COMMONWEALTH of VIRGINIA
Department of Professional and Occupational Regulation

BOARD FOR CONTRACTORS
TRADESMAN

NUMBER: 2710016710 EXPIRES: 01-31-2022

MARION CASEY DEAN
1765 GREENSBORO STATION PLACE
TYSONS, VA 22102



(FOLD)

TRADE DESIGNATIONS
MASTER ELECTRICIAN

Status can be verified at <http://www.dpor.virginia.gov>

DPOR-PC (02/2017)

11. ATTACHMENT B - Transcripts and License information

**M.C. Dean Inc.**

Employee name: ABDULLATIF SIDDIQUI

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 2116)

Department: Electrical Sys

Title: TEST TECH 3

Date of Hire: 09/23/2002

Manager: Susan Day

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	<u>AVO Certified Advanced Relay Maintenance Technician</u>	12/07/2012	12/07/2015
	<u>CPR/First Aid Training</u>	01/13/2012	01/13/2014
	<u>NICET Level 1 - Electrical Power Engineering Technology & Electrical Power Testing</u>	02/01/2013	02/01/2019
	<u>Scissorlift Operator Training and Certification (Electric)</u>	04/06/2012	04/06/2015
	<u>SEL (Schweitzer Engineering Laboratories) Product Training</u>	06/16/2010	

PAST COURSES

Course Code	Course Name	Completion Date
CERT1005	Advanced Relay Technician Recertification	12/17/2012
SAFY1014	Confined Space Training	01/13/2012
SAFY1058	CPR/First Aid Training	01/13/2012
SFTY1015	ELECTRICAL SAFETY	01/13/2012
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	07/12/2017
CORP1001	Ethics Training	07/07/2016
Safy2004	Fall Protection (Sub Part M) = SAFE 1022	01/13/2012
SFTY5004	Hazard Communication	12/27/2005
CORP1028	Hazard Communication & The Globally Harmonized System	11/05/2013
COMP1273	Level I Certified Infrared Thermographer Course and Exam [Distance Learning/Online]	11/30/2015
CORP1025	M.C. Dean ISO 9001:2008 Overview	06/11/2013
EEO1001	MCD EEO Training	05/01/2019
SAFY1207	NFPA 70E 1 Day	11/08/2017
SAFY1226	OSHA 10-Hour Construction	10/13/2017
SFTY6001	OSHA 10-HOUR COURSE	04/21/2008
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	08/13/2014
SAFY1153	Scissorlift Operator Training and Certification	04/06/2012
CORP1007	Timekeeping Training	03/18/2019

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFE1002	ASBESTOS	04/21/2008	04/21/2009
SAFE1006	BOOM LIFT	04/06/2012	04/06/2015
SAFY1014	Confined Space Training	01/13/2012	
SAFE1014	ConfinedSpace	01/13/2012	01/13/2013
SAFY1058	CPR/First Aid Training	01/13/2012	
SAFE1016	DEFENSIVE DRIVING/FLEET/TRAFFIC	04/06/2009	04/06/2012
SFTY1015	ELECTRICAL SAFETY	01/13/2012	
SAFE1018	Electrical Safety	01/13/2012	



M.C. Dean Inc.

Employee name: ABDULLATIF SIDDIQUI

SAFE1022	Fall Protection	01/13/2012	
Safy2004	Fall Protection (Sub Part M) = SAFE 1022	01/13/2012	
SAFE1023	FIRST AID/CPR	01/13/2012	01/13/2014
SAFE1028	Hazard Communication	04/21/2008	
SFTY5004	Hazard Communication	12/27/2005	
SAFE1032	LADDER	04/21/2008	
SAFE1034	LEAD	04/21/2008	
SAFE1036	LOTO	01/13/2012	
SAFY1207	NFPA 70E 1 Day	11/08/2017	
SAFE1041	NFPA70E	05/18/2005	
SAFY1226	OSHA 10-Hour Construction	10/13/2017	
SFTY6001	OSHA 10-HOUR COURSE	04/21/2008	
SAFE1047	PPE	04/21/2008	
SAFE1051	SCISSOR LIFT	04/06/2012	04/06/2015
SAFY1153	Scissorlift Operator Training and Certification	04/06/2012	

**M.C. Dean Inc.**

Employee name: ALDRIC A SANTOS

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 1807)

Department: Electrical Sys

Title: TEST TCH II-CON

Date of Hire: 11/05/2001

Manager: Susan Day

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	Alber CLC-200, DMA-35 and Battery	10/23/2009	
	AVO Certified Substation Maintenance Technician	02/07/2010	
	AVO Electrical Safety for Industrial Facilities	02/08/2007	
	AVO Low Voltage Circuit Breaker Maintenance	03/24/2006	
	AVO Substation Maintenance I	02/06/2006	
	AVO Substation Maintenance II	02/17/2006	
	CPR/First Aid Training	01/14/2012	01/13/2014
	Defensive Driving Certificate (Smith System On-Road Format)	07/21/2003	
	Infraspection Certified Infrared Thermographer	09/16/2005	
	Journeyman Electrician (VA)	06/13/2006	06/30/2010
	NCCER Electrical Level 2	06/25/2004	
	NCCER Electrical Level 3	06/15/2005	
	NCCER Electrical Level 4	06/19/2006	
	NICET Level 1 - Electrical Power Engineering Technology & Electrical Power Testing (MD)	05/14/2015	06/01/2018
	Scissorlift Operator Training and Certification (Electric)	04/06/2012	04/06/2015
	University of District of Columbia Vocational Education - Electrical Wiring Level I	06/19/2003	

PAST COURSES

Course Code	Course Name	Completion Date
SAFY1245	10 Seconds To Life	02/27/2019
SAFY1014	Confined Space Training	01/13/2012
SECU1008	Counter-Intelligence Training - Learn Threats to M.C. Dean	10/12/2011
SAFY1058	CPR/First Aid Training	01/13/2012
SFTY1015	ELECTRICAL SAFETY	01/13/2012
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	07/18/2017
CORP1001	Ethics Training	11/12/2018
Safy2004	Fall Protection (Sub Part M) = SAFE 1022	01/13/2012
CORP1028	Hazard Communication & The Globally Harmonized System	10/21/2013
SAFY6001	Intro to OSHA, Recordkeeping, Provisions, General Duty Clause and Safety & Health	09/21/2011
CORP1025	M.C. Dean ISO 9001:2008 Overview	06/19/2013
EEO1001	MCD EEO Training	05/01/2019
SAFY1207	NFPA 70E 1 Day	11/08/2017
SAFY1226	OSHA 10-Hour Construction	10/13/2017
SFTY6001	OSHA 10-HOUR COURSE	04/21/2008
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	08/08/2014
SAFY1153	Scissorlift Operator Training and Certification	04/06/2012
CORP1007	Timekeeping Training	11/12/2018

**M.C. Dean Inc.**

Employee name: ALDRIC A SANTOS

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFY1245	10 Seconds To Life	02/27/2019	
SAFE1002	ASBESTOS	04/21/2008	04/21/2009
SAFE1004	Back Safety	07/10/2003	
SAFE1006	BOOM LIFT	04/06/2012	04/06/2015
SAFE1013	COMPETENT PERSON TRAINING: TRENCHING AND EXCAVATIONS	10/21/2006	
SAFY1014	Confined Space Training	01/13/2012	
SAFE1014	ConfinedSpace	01/13/2012	01/13/2013
SAFY1058	CPR/First Aid Training	01/13/2012	
SAFE1015	Crane Rigging Safety	10/21/2006	10/21/2009
SAFE1016	DEFENSIVE DRIVING/FLEET/TRAFFIC	04/06/2009	04/06/2012
SFTY1015	ELECTRICAL SAFETY	01/13/2012	
SAFE1018	Electrical Safety	01/13/2012	
SAFE1022	Fall Protection	01/13/2012	
Safy2004	Fall Protection (Sub Part M) = SAFE 1022	01/13/2012	
SAFE1023	FIRST AID/CPR	01/13/2012	01/13/2014
SAFE1028	Hazard Communication	04/21/2008	
SAFY6001	Intro to OSHA, Recordkeeping, Provisions, General Duty Clause and Safety & Health	09/21/2011	
SAFE1032	LADDER	04/21/2008	
SAFE1034	LEAD	04/21/2008	
SAFE1036	LOTO	01/13/2012	
SAFE1037	Material Handling	10/21/2006	
SAFY1207	NFPA 70E 1 Day	11/08/2017	
SAFE1041	NFPA70E	01/27/2010	
SAFE1043	OSHA 10 Group	10/21/2006	
SAFY1226	OSHA 10-Hour Construction	10/13/2017	
SFTY6001	OSHA 10-HOUR COURSE	04/21/2008	
SAFE1046	Power Tool Safety	10/21/2006	
SAFE1047	PPE	04/21/2008	
SAFE1050	SCAFFOLDING	10/21/2006	
SAFE1051	SCISSOR LIFT	04/06/2012	04/06/2015
SAFY1153	Scissorlift Operator Training and Certification	04/06/2012	



M.C. Dean Inc.

Employee name: AZHAR ALI AWAN

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 12123)

Department: Electrical Sys

Title: TEST TECH I-CON

Date of Hire: 11/28/2016

Manager: Susan Day

PAST COURSES

Course Code	Course Name	Completion Date
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	05/08/2017
SAFE1145	First Aid/CPR Jobsite/Internal	11/29/2016
SAFY1108	LOTO and Controlling Hazardous Energy	02/01/2019
CORP1021	M.C. Dean ISO 9001:2008 Revised	07/17/2017
EEO1001	MCD EEO Training	05/01/2019
SAFY1207	NFPA 70E 1 Day	11/08/2017
SFTY6001	OSHA 10-HOUR COURSE	11/29/2016
CORP1007	Timekeeping Training	03/02/2019

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFE1145	First Aid/CPR Jobsite/Internal	11/29/2016	
SAFY1108	LOTO and Controlling Hazardous Energy	02/01/2019	
SAFY1207	NFPA 70E 1 Day	11/08/2017	
SFTY6001	OSHA 10-HOUR COURSE	11/29/2016	

**M.C. Dean Inc.**

Employee name: BRANDON S RINER

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 10693)

Department: SVC O&M

Title: E-PREP

Date of Hire: 09/10/2012

Manager: Brian Stover

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	<u>Apprenticeship (VA)</u>		
	<u>CPR/First Aid Card</u>	04/24/2017	04/24/2019
	<u>CPR/First Aid Training</u>	09/12/2012	09/11/2014
	<u>CPR/First Aid Training (VA)</u>	03/09/2015	03/09/2017
	<u>NCCER Electrical Level 1 (VA)</u>	06/30/2013	
	<u>NCCER Electrical Level 2 (VA)</u>	05/28/2014	
	<u>OSHA 10 - Construction (English)(Card)</u>	12/02/2014	
	<u>OSHA 30 - Construction (Card)</u>	02/14/2015	

APPRENTICESHIPS

School	Level	Start Date	End Date	Grade	Absences	OJT
ABC DULLES	2	09/04/2013	06/18/2014			

PAST COURSES

Course Code	Course Name	Completion Date
APPE1063	ABC Dulles Accelerated 2013	06/26/2013
CORP1042	Annual Security and Insider Threat Refresher	12/20/2018
SAFY1148	CPR/ First Aid Training - 2012	09/11/2012
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	08/07/2015
CORP1001	Ethics Training	08/31/2015
CORP1028	Hazard Communication & The Globally Harmonized System	10/18/2013
SAFY1207	NFPA 70E 1 Day	09/14/2017
SFTY6001	OSHA 10-HOUR COURSE	09/11/2012
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	08/07/2015
CORP1007	Timekeeping Training	03/29/2018

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFY1148	CPR/ First Aid Training - 2012	09/11/2012	
SAFY1207	NFPA 70E 1 Day	09/14/2017	
SFTY6001	OSHA 10-HOUR COURSE	09/11/2012	

**M.C. Dean Inc.**

Employee name: BRYAN J RAWLINGS

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 439)

Department: Electrical Sys

Title: TEST MGR-CONS

Date of Hire: 10/28/1996

Manager: Michael Dent

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	40 Hour Health & Safety Training for Hazardous Waste Site Activities		
	AVO Certified Substation Maintenance Technician	12/06/2012	12/05/2015
	AVO Electrical Safety for Industrial Facilities	03/07/2003	
	AVO Substation Maintenance I	03/08/2002	
	AVO Substation Maintenance II	03/21/2003	
	Bucket Truck Training and Certification - 28 Inch	04/14/2011	04/14/2012
	Confined Space - Permit Required	11/01/2001	
	CPR/First Aid Training	01/13/2012	01/13/2014
	Infraspection Certified Infrared Thermographer, Level I	12/09/2015	12/09/2030
	NICET Engineering Technician - Electrical Testing Engineering Technology	09/09/2015	10/01/2018
	NICET Level 2 - Electrical Power Engineering Technology & Electrical Power Testing	09/21/2016	10/01/2021
	OSHA 10 - Construction (English)(Certificate)	10/02/2017	10/02/2032
	Scissorlift Operator Training and Certification (Electric)	04/06/2012	04/06/2015

PAST COURSES

Course Code	Course Name	Completion Date
CORP1042	Annual Security and Insider Threat Refresher	12/13/2018
safy1007	Bucket Truck Safety	04/14/2011
SAFY1014	Confined Space Training	01/13/2012
SAFY1058	CPR/First Aid Training	01/13/2012
SECU1020	Derivative Classification	09/28/2013
SFTY1015	ELECTRICAL SAFETY	01/13/2012
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	11/01/2016
CORP1001	Ethics Training	12/13/2018
Safy2004	Fall Protection (Sub Part M) = SAFE 1022	01/13/2012
CORP1028	Hazard Communication & The Globally Harmonized System	11/03/2013
COMP1273	Level I Certified Infrared Thermographer Course and Exam [Distance Learning/Online]	11/30/2015
CORP1025	M.C. Dean ISO 9001:2008 Overview	06/19/2013
SAFY1207	NFPA 70E 1 Day	12/16/2015
SECU1022	Orcon Training	09/28/2013
SAFY1226	OSHA 10-Hour Construction	10/13/2017
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	11/01/2016
SAFY1153	Scissorlift Operator Training and Certification	04/06/2012
SECU1019	SSO Annual Training 2013	09/28/2013
CORP1007	Timekeeping Training	04/03/2019
SECU1021	Unauthorized Disclosure Training	09/28/2013



M.C. Dean Inc.

Employee name: BRYAN J RAWLINGS

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFE1000	AerialEquipment	06/08/2011	06/08/2014
SAFE1006	BOOM LIFT	04/06/2012	04/06/2015
SAFE1007	BUCKET 28	04/14/2011	04/14/2012
safy1007	Bucket Truck Safety	04/14/2011	
SAFY1014	Confined Space Training	01/13/2012	
SAFE1014	ConfinedSpace	01/13/2012	01/13/2013
SAFY1058	CPR/First Aid Training	01/13/2012	
SAFE1016	DEFENSIVE DRIVING/FLEET/TRAFFIC	04/06/2009	04/06/2012
SFTY1015	ELECTRICAL SAFETY	01/13/2012	
SAFE1018	Electrical Safety	01/13/2012	
SAFE1022	Fall Protection	01/13/2012	
Safy2004	Fall Protection (Sub Part M) = SAFE 1022	01/13/2012	
SAFE1023	FIRST AID/CPR	01/13/2012	01/13/2014
SAFE1028	Hazard Communication	10/15/2009	
SAFE1032	LADDER	10/15/2009	
SAFE1036	LOTO	01/13/2012	
SAFY1207	NFPA 70E 1 Day	12/16/2015	
SAFE1041	NFPA70E	01/27/2010	
SAFY1226	OSHA 10-Hour Construction	10/13/2017	
SAFE1047	PPE	10/15/2009	
SAFE1051	SCISSOR LIFT	04/06/2012	04/06/2015
SAFY1153	Scissorlift Operator Training and Certification	04/06/2012	

**M.C. Dean Inc.**

Employee name: CHRISTOPHER LEE EZZYK

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 9336)

Department: SCS- FL Tampa

Title: SERVICE MGR 1

Date of Hire: 06/28/2010

Manager: David Cloniger

EDUCATION

Name of Institution	Type of Degree	Degree	Major	GPA	Year
<u>NCCER Transcript 2012</u>					

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	<u>Aerial Boomlift Operator Certification - Online / Blended</u>	02/28/2018	02/28/2021
	<u>Apprenticeship (VA)</u>	06/25/2014	
	<u>Basic Crane Rigging, Inspection and Signal Person Training and Certification</u>	12/21/2012	12/21/2013
	<u>Boomlift / Manlift Operator Training and Certification (VA)</u>	10/15/2014	10/15/2019
	<u>Coaching Systems - Coaching the Utility Truck Driver</u>	03/05/2013	
	<u>Commercial Drivers Training Certificate</u>	03/05/2013	
	<u>CPR</u>	06/28/2010	06/27/2012
	<u>CPR (VA)</u>	03/05/2018	03/20/2020
	<u>Defensive Driving - DOT Compliance Training Certificate</u>	03/05/2013	
	<u>Defensive Driving Certificate and Card (VA)</u>	02/13/2018	02/13/2021
	<u>Journeyman Electrician (VA)</u>	01/31/2015	01/31/2019
	<u>Master Electrician (VA)</u>	05/31/2017	05/31/2019
	<u>NCCER Card</u>	02/07/2012	
	<u>NCCER Core Curricula</u>	05/25/2011	
	<u>nccer electrical apprenticeship level 2</u>	07/16/2013	
	<u>NCCER Electrical Level 1</u>	05/25/2011	
	<u>NCCER Electrical Level 4 (VA)</u>	05/08/2014	
	<u>Powder Actuated Tool Systems Qualified Operator License</u>	01/17/2018	
	<u>Thermographer Level 1 (VA)</u>	05/26/2017	05/26/2022

APPRENTICESHIPS

School	Level	Start Date	End Date	Grade Absences	OJT
ABC DULLES	4	09/05/2013	05/08/2014		

PAST COURSES

Course Code	Course Name	Completion Date
FIRE1019	2012 NFPA 70E: Standard for Electrical Safety in the Workplace Self-Guided Online Course Series	07/31/2013
APPE1006	Apprentice Electrical Level 3	06/19/2013
SAFY1154	Basic Rigging, Inspection and Signal Person Training and Certification	12/21/2012
CORP1036	Controlled Unclassified Information (CUI)	05/16/2018
SAFE1016	Defensive Driving/Fleet/Traffic	03/05/2013
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class	11/01/2012

**M.C. Dean Inc.**

Employee name: CHRISTOPHER LEE EZZYK

	Workplace	
CORP1001	Ethics Training	01/31/2013
CORP1028	Hazard Communication & The Globally Harmonized System	10/25/2013
CORP1037	Insider Threat Awareness	05/07/2018
LOTO5152018	LOTO During Monthly Tech Meeting	05/15/2018
CORP1021	M.C. Dean ISO 9001:2008 Revised	05/07/2018
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	03/01/2015
SAFE1081	Tampa Monthly Tech Meetings / Toolbox Talks (Division Specific)	06/12/2013
IRCT1000	Thermographer Level I - Tampa	05/26/2017
CORP1007	Timekeeping Training	05/27/2018

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFY1154	Basic Rigging, Inspection and Signal Person Training and Certification	12/21/2012	
SAFE1006	BOOM LIFT	01/10/2011	01/10/2014
SAFE1015	Crane Rigging Safety	12/21/2012	12/21/2015
SAFE1016	DEFENSIVE DRIVING/FLEET/TRAFFIC	02/13/2018	02/13/2021
SAFE1016	Defensive Driving/Fleet/Traffic	03/05/2013	
SAFE1018	Electrical Safety	06/28/2010	
SAFE1020	EXCAVATION, TRENCHING AND SHORING-INITIAL	06/28/2010	
SAFE1022	Fall Protection	06/28/2010	
SAFE1023	FIRST AID/CPR	06/28/2010	06/28/2012
SAFE1028	Hazard Communication	06/28/2010	
SAFE1032	LADDER	06/28/2010	
SAFE1037	Material Handling	06/28/2010	
SAFE1041	NFPA70E	06/28/2010	
SAFE1047	PPE	06/28/2010	
SAFE1050	SCAFFOLDING	06/28/2010	
SAFE1081	Tampa Monthly Tech Meetings / Toolbox Talks (Division Specific)	06/12/2013	

**M.C. Dean Inc.**

Employee name: DANIEL M MATEESCU-ENE

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 1738)

Department: Electrical Sys

Title: PWR STAT TECH 3

Date of Hire: 08/07/2001

Manager: Alexander Shvarts

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	CPR	12/15/2010	
	CPR/First Aid Training	01/18/2013	01/18/2015
	LOTO (Lock Out / Tag Out)	04/02/2002	
	NICET Associate Engineering Technician	04/01/2010	
	NICET Associate Engineering Technician - Electrical Testing Engineering Technology	03/25/2013	04/01/2016

CURRENT COURSES

Course Name	Date	CEU Hours
App for Tech Recertification		

PAST COURSES

Course Code	Course Name	Completion Date
SAFY1127	Confined Space	01/18/2013
SAFE1014	Confined Space	12/13/2016
SAFE1017	CPR/First Aid Training - 2013	01/18/2013
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	04/12/2017
CORP1001	Ethics Training	07/10/2017
SAFE1145	First Aid/CPR Jobsite/Internal	12/14/2016
SFTY5004	Hazard Communication	12/29/2003
CORP1028	Hazard Communication & The Globally Harmonized System	10/21/2013
CORP1037	Insider Threat Awareness	04/30/2018
SAFY1108	LOTO and Controlling Hazardous Energy	04/02/2002
CORP1025	M.C. Dean ISO 9001:2008 Overview	07/08/2013
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	08/07/2014
CORP1007	Timekeeping Training	04/17/2019

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFE1014	Confined Space	12/13/2016	
SAFY1127	Confined Space	01/18/2013	
SAFE1014	ConfinedSpace	08/21/2007	08/21/2008
SAFE1017	CPR/First Aid Training - 2013	01/18/2013	
SAFE1016	DEFENSIVE DRIVING/FLEET/TRAFFIC	07/07/2009	07/07/2012
SAFE1022	Fall Protection	07/12/2002	
SAFE1023	FIRST AID/CPR	06/12/2008	06/12/2010
SAFE1145	First Aid/CPR Jobsite/Internal	12/14/2016	
SFTY5004	Hazard Communication	12/29/2003	
SAFE1028	Hazard Communication	01/11/2003	
SAFE1032	LADDER	11/12/2001	



M.C. Dean Inc.

Employee name: DANIEL M MATEESCU-ENE

SAFE1036	LOTO	04/02/2002
SAFY1108	LOTO and Controlling Hazardous Energy	04/02/2002
SAFE1047	PPE	10/21/2002
SAFE1030	<u>SafetyQuizzes</u>	09/07/2001

TUITION REIMBURSEMENT

School Name	Start Date	End Date
<u>Reimbursement for NICET</u>		
<u>Reimbursement NICET</u>		

**M.C. Dean Inc.**

Employee name: FLORIAN C CORBU

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 6450)

Department: SVC O&M

Title: ELECTRICIAN

Date of Hire: 10/18/2012

Manager: Brian Stover

EDUCATION

Name of Institution	Type of Degree	Degree	Major	GPA	Year
Instituta Politehnic	High school				1958

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	CPR/First Aid Training	08/04/2008	08/04/2010
	CPR/First Aid Training (VA)	10/23/2014	10/23/2016
	Master Electrician (VA)	06/13/2008	06/30/2012
	OSHA 10 - Construction (English)(Card)	10/02/2012	
	Scissor Lift Certification (VA)	01/07/2016	01/07/2019

PAST COURSES

Course Code	Course Name	Completion Date
SAFY1222	2015 NFPA 70E Refresher	03/12/2015
SAFE1096	Aerial Lift [Scissor and Boom Combined]	01/27/2015
CORP1036	Controlled Unclassified Information (CUI)	06/30/2018
SAFY1148	CPR/ First Aid Training - 2012	10/19/2012
SAFE1144	CPR/ First Aid Training - 2015 (By External Vedor)	05/04/2016
SAFE1115	CPR/First Aid Training - 2014 (New Hires/By MCD Internal)	10/23/2014
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	01/01/2017
CORP1001	Ethics Training	06/30/2018
SAFY1238	First Aid / CPR Training	05/23/2018
CORP1028	Hazard Communication & The Globally Harmonized System	10/23/2013
CORP1037	Insider Threat Awareness	06/30/2018
CORP1021	M.C. Dean ISO 9001:2008 Revised	12/25/2016
SAFY1207	NFPA 70E 1 Day	08/03/2013
SAFY1235	NFPA 70E Refresher	03/14/2018
SFTY6001	OSHA 10-HOUR COURSE	10/19/2012
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	10/19/2013
CORP1007	Timekeeping Training	05/11/2019

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFY1222	2015 NFPA 70E Refresher	03/12/2015	
SAFE1096	Aerial Lift [Scissor and Boom Combined]	01/27/2015	
SAFE1013	COMPETENT PERSON TRAINING: TRENCHING AND EXCAVATIONS	08/05/2008	
SAFY1148	CPR/ First Aid Training - 2012	10/19/2012	
SAFE1144	CPR/ First Aid Training - 2015 (By External Vedor)	05/04/2016	
SAFE1115	CPR/First Aid Training - 2014 (New Hires/By MCD Internal)	10/23/2014	



M.C. Dean Inc.

Employee name: FLORIAN C CORBU

SAFE1018	Electrical Safety	01/04/2011	
SAFE1022	Fall Protection	01/04/2011	
SAFY1238	First Aid / CPR Training	05/23/2018	
SAFE1023	FIRST AID/CPR	09/02/2009	09/02/2011
SAFE1028	Hazard Communication	07/20/2009	
SAFE1032	LADDER	01/04/2011	
SAFE1036	LOTO	01/04/2011	
SAFE1037	Material Handling	01/04/2011	
SAFE1032	<u>New Hire Safety Quizzes</u>		
SAFY1207	NFPA 70E 1 Day	08/03/2013	
SAFY1235	NFPA 70E Refresher	03/14/2018	
SAFE1041	NFPA 70E	07/20/2009	
SAFE1043	OSHA 10 Group	08/05/2008	
SFTY6001	OSHA 10-HOUR COURSE	10/19/2012	
SAFE1045	Power Actuated Tools	04/01/2009	
SAFE1046	Power Tool Safety	04/01/2009	
SAFE1047	PPE	01/04/2011	
SAFE1050	SCAFFOLDING	08/05/2008	
SAFE1051	SCISSOR LIFT	04/01/2009	04/01/2012

**M.C. Dean Inc.**

Employee name: FREDDY LOZANO

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 4640)

Department: Electrical Sys

Title: TEST TECH I-CON

Date of Hire: 11/13/2006

Manager: Abdullatif Siddiqui

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	<u>CPR/First Aid Training (VA)</u>	04/07/2015	04/30/2017
	<u>HILTI Qualified Operator Powder Actuated Tools</u>		
	<u>NCCER Electrical Level 3</u>	05/27/2009	
	<u>NFPA 70E Electrical Safety in the Workplace (2009)(3 Day) - Certificate of Achievement</u>	08/25/2011	
	<u>NICET Level 1 - Electrical Power Engineering Technology & Electrical Power Testing (VA)</u>	11/01/2018	11/01/2021
	<u>OSHA 30 - Construction (Card)</u>	08/28/2009	
	<u>Scissorlift Operator Training and Certification (Electric)</u>	04/13/2012	04/13/2015
	<u>Thermographer Level 1 (VA)</u>	07/21/2017	07/21/2027
	<u>Thermographer Level 2 (VA)</u>	03/27/2019	03/27/2029

CURRENT COURSES

Course Name	Date	CEU Hours
<u>NFPA 70E- 2009. Certificate of Attendance</u>	08/25/2011	1.8

PAST COURSES

Course Code	Course Name	Completion Date
CORP1042	Annual Security and Insider Threat Refresher	12/07/2018
SECU1015	Cleared Security Refresher Training	03/07/2013
CORP1036	Controlled Unclassified Information (CUI)	05/16/2018
SAFE1144	CPR/ First Aid Training - 2015 (By External Vedor)	04/07/2015
SAFY1058	CPR/First Aid Training	08/23/2011
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	11/14/2016
CORP1001	Ethics Training	05/09/2018
CORP1028	Hazard Communication & The Globally Harmonized System	10/24/2013
COMP1273	Level I Certified Infrared Thermographer Course and Exam [Distance Learning/Online]	07/09/2017
COMP1301	Level I Thermography	05/04/2017
SAFE1036	Lock Out / Tag Out Safety Training	11/19/2013
CORP1021	M.C. Dean ISO 9001:2008 Revised	07/19/2017
SAFY1207	NFPA 70E 1 Day	05/19/2017
SAFY1035	NFPA 70E Certification: Standard for Electrical Safety in the Workplace (3 days)	08/25/2011
SAFY1235	NFPA 70E Refresher	02/09/2018
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	01/12/2017
SAFY1153	Scissorlift Operator Training and Certification	04/13/2012
CORP1007	Timekeeping Training	12/07/2018

SAFETY COURSES

**M.C. Dean Inc.**

Employee name: FREDDY LOZANO

Course Code	Course Name	Completion Date	Expiration Date
SAFE1002	ASBESTOS	11/30/2011	11/30/2012
SAFE1004	Back Safety	06/26/2007	
SAFE1013	COMPETENT PERSON TRAINING: TRENCHING AND EXCAVATIONS	08/26/2009	
SAFE1014	ConfinedSpace	08/27/2009	08/27/2010
SAFE1144	CPR/ First Aid Training - 2015 (By External Vedor)	04/07/2015	
SAFY1058	CPR/First Aid Training	08/23/2011	
SAFE1015	Crane Rigging Safety	08/27/2009	08/27/2012
SAFE1018	Electrical Safety	08/27/2009	
SAFE1022	Fall Protection	08/27/2009	
SAFE1023	FIRST AID/CPR	04/30/2009	04/30/2011
SAFE1024	FORK LIFT	07/16/2008	07/16/2011
SAFE1028	Hazard Communication	08/27/2009	
SAFE1030	Heat Stress	08/27/2009	
SAFE1031	HILTI	04/26/2011	
SAFE1032	LADDER	08/27/2009	
SAFE1036	Lock Out / Tag Out Safety Training	11/19/2013	
SAFE1036	LOTO	07/27/2011	
SAFE1037	Material Handling	08/16/2011	
SAFY1207	NFPA 70E 1 Day	05/19/2017	
SAFY1035	NFPA 70E Certification: Standard for Electrical Safety in the Workplace (3 days)	08/25/2011	
SAFY1235	NFPA 70E Refresher	02/09/2018	
SAFE1041	NFPA70E	08/27/2009	
SAFE1071	Operational Risk Management Initial / Refresher	09/29/2010	
SAFE1043	OSHA 10 Group	08/27/2009	
SAFE1044	OSHA 30 Hour Compliance Course	08/27/2009	
SAFE1047	PPE	08/27/2009	
SAFE1050	SCAFFOLDING	08/27/2009	
SAFE1051	SCISSOR LIFT	04/13/2012	04/13/2015
SAFY1153	Scissorlift Operator Training and Certification	04/13/2012	

**M.C. Dean Inc.**

Employee name: GREGG L HUNTER

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 237)

Department: SCS-CPG

Title: FOREMAN I-SERV

Date of Hire: 10/16/2000

Manager: David Adams

EDUCATION

Name of Institution	Type of Degree	Degree	Major	GPA	Year
<u>NCCER Transcript 2-10-10</u>					
Park View High School	High school			2.0	1988

EMPLOYMENT HISTORY

Company	Title	Start Date	End Date
M.C. DEAN	Electrician	10/10/1994	04/09/1999
Consolidated Engineering	Electrician	04/12/1999	10/13/2000
M.C. Dean	Electrician/Foreman	10/16/2000	

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	<u>CPR/First Aid Training</u>	07/23/2007	07/23/2009
	<u>CPR/First Aid Training</u>	03/30/2004	03/30/2006
	<u>CPR/First Aid Training</u>	11/07/2000	11/07/2002
	<u>CPR/First Aid Training</u>	11/07/2000	11/07/2002
	<u>CPR/First Aid Training</u>	09/10/1998	09/10/2000
	<u>CPR/First Aid Training (VA)</u>	04/07/2015	04/30/2017
	<u>Journeyman Electrician (VA)</u>		04/30/2019
	<u>Journeyman Electrician (VA)</u>		04/30/2015
	<u>Journeyman Electrician (VA)</u>	04/29/1999	04/30/2011
	<u>Journeyman Electrician (VA)</u>		04/30/2009
	<u>Journeyman Electrician (VA)</u>	04/29/1999	04/30/2005
	<u>NCCER Electrical Level 3</u>	05/22/1997	
	<u>NCCER Electrical Level 4</u>	04/03/1998	
	<u>NCCER Project Supervision</u>	12/18/2009	
	<u>New Horizons Custom Excel 2007</u>	07/30/2009	
	<u>New Horizons Custom Excel 2007</u>	06/11/2009	
	<u>NFPA 70E Electrical Safety in the Workplace (2009)(3 Day) - Certificate of Achievement</u>	08/25/2011	
	<u>OSHA 30 - Construction (Card)</u>	01/19/2009	
	<u>Scissor Lift (Self Propelled) Operator Training and Certification</u>	11/02/2017	11/02/2020
	<u>Smith System Defensive Driving - On Road Format</u>	08/28/2003	
	<u>Smith System Defensive Driving - On Road Format</u>	08/28/2003	

CURRENT COURSES

Course Name	Date	CEU Hours
Excel Level 1		4
Excel Level 2		4
Excel Level 3		4
Foremans Academy	12/12/2009	

**M.C. Dean Inc.**

Employee name: GREGG L HUNTER

NFPA 70E-2009. Certificate of Attendance	08/25/2011	1.8
Virginia Electrical Tradesman Continuing Education Course	05/14/2011	3
29CFR1910.1101	10/15/1998	
Supervisory Safety	10/23/2001	8
VA Electrical Tradesman Continuing Education Course	05/09/2009	3
OJT Forms		
Smith System Driving Quiz		
Powered Actuated Tool Test		
ABC Electrical Course Grades	12/04/1995	
NCCER Official Transcript	04/27/1998	
Driver Evaluation Form		
Tradesman License Exp	04/30/2009	
M.C.Dean Asbestos Worker Training Certificate	10/15/1998	
Foreman Academy II Sign in	12/03/2009	
Commonwealth of VA Electrical Apprenticeship Program Completion	06/03/1998	
3 hr CEU Registration form 2011		
Greg hunter2 Nccer transcript		
Nccer Transcript		
NCCER		
Class 3 Asbestos worker training certificate		
Supervisory safety certificate		
Firesafety thereis no second chance		
Driver evaluation form		
Foreman academy II sign in		
Weekly safety meeting forms		

PAST COURSES

Course Code	Course Name	Completion Date
CORP1042	Annual Security and Insider Threat Refresher	12/12/2018
BICS1036	BICSI ITS Installer 2 [Copper] Workshop & Exam [10 Sessions]	09/20/2013
SAFE1006	Boom Lift (All Types)	05/29/2013
SAFE1172	Competenet Person Training: Silica	04/20/2018
CORP1036	Controlled Unclassified Information (CUI)	05/16/2018
SAFE1144	CPR/ First Aid Training - 2015 (By External Vedor)	04/07/2015
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	11/01/2016
CORP1001	Ethics Training	07/09/2018
COMP1163	Excel Level 1	09/23/2011
SAFY1238	First Aid / CPR Training	02/22/2018
FORE1011	Foreman Academy Graduate Survey	11/22/2011
FORE1002	Foreman Academy II	05/24/2011
CORP1028	Hazard Communication & The Globally Harmonized System	10/24/2013
BICS1040	Information Technology Systems Installation Methods Manual, 6th Edition [Printed Manual]	12/31/2013
CORP1037	Insider Threat Awareness	05/07/2018
SAFY6001	Intro to OSHA, Recordkeeping, Provisions, General Duty Clause and Safety & Health	09/21/2011
SAFE1036	Lock Out / Tag Out Safety Training	11/08/2013
CORP1021	M.C. Dean ISO 9001:2008 Revised	10/03/2016
SAFY1207	NFPA 70E 1 Day	11/08/2018



SAFY1035	NFPA 70E Certification: Standard for Electrical Safety in the Workplace (3 days)	08/25/2011
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	11/01/2016
SESD1342	Silica Training	01/02/2019
CORP1007	Timekeeping Training	04/21/2019
ELEC1016	VA Electrician Tradesman Continuing Education	05/14/2011
ELEC1092	Virginia Electrical Continuing Education (3 Hours)(On-Line)(Exam at the End)	12/31/2017

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFE1001	AerialWorkPlatforms	01/20/2009	01/20/2012
SAFE1004	Back Safety	01/20/2009	
SAFE1006	BOOM LIFT	05/12/2010	05/12/2013
SAFE1006	Boom Lift (All Types)	05/29/2013	
SAFE1172	Competenet Person Training: Silica	04/20/2018	
SAFE1013	COMPETENT PERSON TRAINING: TRENCHING AND EXCAVATIONS	01/20/2009	
SAFE1014	ConfinedSpace	01/20/2009	01/20/2010
SAFE1050	ConfinedSpaceAtmosphericTesting	02/23/2006	
SAFE1045	ConfinedSpaceEntryPermitRequired	02/23/2006	
SAFE1047	ConfinedSpaceNonEntryRescue	02/23/2006	
SAFE1047	ConfinedSpaceVentilation	02/23/2006	
SAFE1144	CPR/ First Aid Training - 2015 (By External Vedor)	04/07/2015	
SAFE1064	CPR/FIRSTAID-INSTRUCTOR	03/30/2004	03/30/2006
SAFE1015	Crane Rigging Safety	10/07/2006	10/07/2009
SAFE1016	DEFENSIVE DRIVING/FLEET/TRAFFIC	03/26/2009	03/26/2012
SAFE1018	Electrical Safety	01/20/2009	
SAFE1021	Eye Protection	02/11/1999	
SAFE1022	Fall Protection	01/20/2009	
SAFE1032	FireSafetyThereisno2ndchance	11/07/2001	
SAFY1238	First Aid / CPR Training	02/22/2018	
SAFE1023	FIRST AID/CPR	07/23/2007	07/23/2009
SAFE1027	Hand Safety	08/04/2003	
SAFE1028	Hazard Communication	01/20/2009	
SAFE1030	Heat Stress	01/20/2009	
SAFE1031	HILTI	09/02/2010	
SAFY6001	Intro to OSHA, Recordkeeping, Provisions, General Duty Clause and Safety & Health	09/21/2011	
SAFE1032	LADDER	01/20/2009	
SAFE1034	LEAD	01/09/2003	
SAFE1049	LeadTreatitwithRespect	01/09/2003	01/09/2005
SAFE1036	Lock Out / Tag Out Safety Training	11/08/2013	
SAFE1036	LOTO	01/20/2009	
SAFE1037	Material Handling	01/20/2009	
SAFE1032	NewHireSafetyQuizzes		
SAFY1207	NFPA 70E 1 Day	11/08/2018	
SAFY1035	NFPA 70E Certification: Standard for Electrical Safety in the Workplace (3 days)	08/25/2011	
SAFE1041	NFPA70E	01/20/2009	
SAFE1043	OSHA 10 Group	01/20/2009	



M.C. Dean Inc.

Employee name: GREGG L HUNTER

SAFE1077	OSHA 30 Hour	01/19/2009	
SAFE1044	OSHA 30 Hour Compliance Course	01/20/2009	
SAFE1043	PFPEWintheRacetoSafety	06/13/2002	
SAFE1045	Power Actuated Tools		
SAFE1046	Power Tool Safety	10/07/2006	
SAFE1047	PPE	01/20/2009	
SAFE1036	RoadtoSafety	06/14/2001	
SAFE1050	SCAFFOLDING	01/20/2009	
SAFE1051	SCISSOR LIFT	05/12/2010	05/12/2013
SAFE1038	StairwaysandLadders	04/20/2006	
SAFE1043	SupervisorySafety	10/23/2001	
SAFE1031	WorkingAroundLiveCircuits	04/08/2004	

**M.C. Dean Inc.**

Employee name: IOAN VISKI

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 9028)

Department: SVC O&M

Title: E-PREP

Date of Hire: 10/18/2012

Manager: Brian Stover

EDUCATION

Name of Institution	Type of Degree	Degree	Major	GPA	Year
Industrial Hunedoara		Baccalaureate Electrotechnics			1980
Polytechnic Institute of Timisoara			Junior Electrical Engineer		1984

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	CPR/First Aid Training	05/03/2016	05/30/2018
	OSHA 10 - Construction (English)(Card)	10/02/2012	

PAST COURSES

Course Code	Course Name	Completion Date
SAFY1222	2015 NFPA 70E Refresher	03/12/2015
SAFY1148	CPR/ First Aid Training - 2012	10/19/2012
SAFE1144	CPR/ First Aid Training - 2015 (By External Vedor)	05/03/2016
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	08/08/2015
CORP1001	Ethics Training	07/05/2018
SAFY1238	First Aid / CPR Training	05/31/2018
CORP1028	Hazard Communication & The Globally Harmonized System	11/04/2013
CORP1037	Insider Threat Awareness	06/10/2018
SAFE1036	Lock Out / Tag Out Safety Training	11/20/2013
CORP1021	M.C. Dean ISO 9001:2008 Revised	08/08/2015
SAFY1207	NFPA 70E 1 Day	08/03/2013
SFTY6001	OSHA 10-HOUR COURSE	10/19/2012
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	09/02/2014
CORP1007	Timekeeping Training	01/12/2019

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFY1222	2015 NFPA 70E Refresher	03/12/2015	
SAFY1148	CPR/ First Aid Training - 2012	10/19/2012	
SAFE1144	CPR/ First Aid Training - 2015 (By External Vedor)	05/03/2016	
SAFE1018	Electrical Safety	11/19/2010	
SAFE1020	EXCAVATION, TRENCHING AND SHORING-INITIAL	09/17/2010	
SAFE1022	Fall Protection	11/19/2010	
SAFY1238	First Aid / CPR Training	05/31/2018	
SAFE1023	FIRST AID/CPR	05/03/2010	05/03/2012
SAFE1028	Hazard Communication	09/17/2010	
SAFE1032	LADDER	11/19/2010	



M.C. Dean Inc.

Employee name: IOAN VISKI

SAFE1036	Lock Out / Tag Out Safety Training	11/20/2013
SAFE1036	LOTO	11/19/2010
SAFE1037	Material Handling	11/19/2010
SAFY1207	NFPA 70E 1 Day	08/03/2013
SFTY6001	OSHA 10-HOUR COURSE	10/19/2012
SAFE1047	PPE	11/19/2010
SAFE1050	SCAFFOLDING	09/17/2010

**M.C. Dean Inc.**

Employee name: JESSE W SIMMONS

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 7002)

Department: SCS-MidAtlantic

Title: ELECTRICIAN

Date of Hire: 04/13/2009

Manager: David Adams

EDUCATION

Name of Institution	Type of Degree	Degree	Major	GPA	Year
Associated Builders and Contractors, Inc.	Electrical Apprenticeship				1999
Honeywell - Fire Lite	Fire Lite Miniscan Academy				2009
Honeywell - Fire Lite	Introduction to Basic Fire Alarm Technology				2017

EMPLOYMENT HISTORY

Company	Title	Start Date	End Date
Walter C. Davis Electric	Electrician	06/01/1996	08/01/2002
Primo Electric Company Inc.	Electrician	09/01/2002	04/01/2009

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	CPR/First Aid Training	04/26/2011	04/25/2013
	Journeyman Electrician	06/18/2001	
	Master Electrician		
	Master Electrician (MD)	06/01/2018	07/27/2020
	Master Electrician (MD)	07/27/2013	07/27/2014
	Master Electrician (MD)	06/30/2013	06/30/2014
	Master Electrician (VA)	07/01/2018	06/30/2020
	Master Electrician (VA)	06/23/2008	06/30/2014
	NFPA 70E Electrical Safety in the Workplace (2009)(3 Day) - Certificate of Achievement	02/24/2011	
	Scissor Lift (Self Propelled) Operator Training and Certification	07/27/2016	07/27/2019

APPRENTICESHIPS

School	Level	Start Date	End Date	Grade	Absences	OJT
Associated Builders and Contractors Inc.	2,3,4	09/01/1996	04/13/1999		0	0
Fairfax County Public Schools	Apprentice 1	09/01/1995	06/01/1996		0	0

CURRENT COURSES

Course Name	Date	CEU Hours
NFPA 70E - 2009 Certificate of Attendance	02/23/2011	
VA Electrical Tradesman Continuing Education Course	12/20/2007	3
ABC VA Chapter - Motor Controls Course	04/13/2000	

**M.C. Dean Inc.**

Employee name: JESSE W SIMMONS

ABC VA Chapter - Electrical Apprenticeship Program Completion	04/13/1999
2014 NEC Changes Pt1	06/29/2016
2014 NEC Changes - MD	06/29/2016
2014 NEC Code Changes - MD	06/29/2016
2014 NEC Code Changes - VA	06/11/2016
Firelite Conventional Fire Alarm Control Panels	04/08/2018
Firelite Emergency Command Center	04/09/2018
Firelite MRP Series Releasing Panels	04/08/2018
Firelite MS-25 Addressable Fire Alarm Control Panel	04/08/2018
Firelite Voice Evacuation Principles	04/08/2018
201 NEC Code Changes	06/06/2014
2014 NEC Code Changes Articles 90-393	06/29/2016
2014 NEC Code Changes Articles 90-393 Part 1	06/29/2016
2014 Mike Holt Virginia Code Changes	05/01/2018
2017 NEC Chapter 6 Maryland 5 Hour Course	05/03/2018
2017 NEC Classroom Maryland & Delaware 5 Hour Course	06/30/2018

PAST COURSES

Course Code	Course Name	Completion Date
CORP1042	Annual Security and Insider Threat Refresher	12/12/2018
SAFE1007	Bucket Truck (All Sizes)	10/31/2013
SECU1015	Cleared Security Refresher Training	03/12/2013
CORP1036	Controlled Unclassified Information (CUI)	05/16/2018
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	06/24/2017
CORP1001	Ethics Training	07/01/2017
CORP1028	Hazard Communication & The Globally Harmonized System	10/18/2013
CORP1037	Insider Threat Awareness	05/19/2018
EEO1001	MCD EEO Training	05/01/2019
SAFY1141	NFPA 70E - Electrical Safety in the Workplace - (1 day)	02/23/2011
SFTY6001	OSHA 10-HOUR COURSE	04/30/2009
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	08/31/2015
CORP1007	Timekeeping Training	04/17/2018

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFE1000	AerialEquipment	05/03/2011	05/03/2014
SAFE1006	BOOM LIFT	04/25/2018	04/25/2021
SAFE1007	Bucket Truck (All Sizes)	10/31/2013	
SAFE1013	COMPETENT PERSON TRAINING: TRENCHING AND EXCAVATIONS	04/14/2009	
SAFE1018	Electrical Safety	04/14/2009	
SAFE1022	Fall Protection	04/14/2009	
SAFE1023	FIRST AID/CPR	04/13/2009	04/13/2011
SAFE1028	Hazard Communication	04/14/2009	
SAFE1032	LADDER	04/14/2009	
SAFE1036	LOTO	04/14/2009	
SAFY1141	NFPA 70E - Electrical Safety in the Workplace - (1 day)	02/23/2011	
SAFE1041	NFPA70E	04/14/2009	
SAFE1043	OSHA 10 Group	04/14/2009	



M.C. Dean Inc.

Employee name: JESSE W SIMMONS

SFTY6001	OSHA 10-HOUR COURSE	04/30/2009	
SAFE1047	PPE	04/14/2009	
SAFE1050	SCAFFOLDING	04/14/2009	
SAFE1051	SCISSOR LIFT	04/25/2018	04/25/2021

**M.C. Dean Inc.**

Employee name: JOHN A HAYES

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 6411)

Department: SVC O&M

Title: FOREMAN I-SERV

Date of Hire: 07/21/2008

Manager: Brian Stover

EDUCATION

Name of Institution	Type of Degree	Degree	Major	GPA	Year
NCCER Transcript 10-8-2011					
Osborn Park Senior High School (Prince William County, VA)	High school	Diploma			1998

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	CPR/First Aid Card	10/16/2014	10/31/2016
	CPR/First Aid Training	04/07/2011	04/06/2013
	Infraspection Certified Infrared Thermographer, Level I	09/26/2013	
	Journeyman Electrician (VA)	04/07/2008	04/30/2012
	NCCER Card	10/12/2011	
	NCCER Project Supervision	08/19/2010	
	NFPA 70E: Electrical Safety in the Workplace Seminar (2012)(3 Day) - Certificate of Achievement	04/05/2013	
	Scissor Lift Certification (VA)	01/07/2016	01/07/2019

CURRENT COURSES

Course Name	Date	CEU Hours
NFPA 70E: Electrical Safety in the Workplace [2012] Certificate of Attendance	04/05/2013	
VA Electrical Tradesman Continuing Education ForemanAcademy II	04/10/2010	3

PAST COURSES

Course Code	Course Name	Completion Date
SAFY1222	2015 NFPA 70E Refresher	03/30/2016
COMP1267	Certified Infrared Thermographer Level I Certification Course and Exam	09/26/2013
CORP1036	Controlled Unclassified Information (CUI)	05/16/2018
SAFE1144	CPR/ First Aid Training - 2015 (By External Vedor)	05/04/2016
SAFE1106	CPR/First Aid Training - 2014 (New Hires/By MCD Internal)	10/16/2014
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	11/01/2012
CORP1001	Ethics Training	01/31/2013
SAFY1238	First Aid / CPR Training	05/23/2018
FORE1011	Foreman Academy Graduate Survey	11/22/2011
FORE1002	Foreman Academy II	05/24/2011
CORP1028	Hazard Communication & The Globally Harmonized System	10/23/2013
CORP1037	Insider Threat Awareness	05/07/2018
SAFY6001	Intro to OSHA, Recordkeeping, Provisions, General Duty Clause and Safety & Health	07/29/2008

**M.C. Dean Inc.**

Employee name: JOHN A HAYES

SAFY1175	NFPA 70E Electrical Safety Certificate 3-Day	04/05/2013
CORP1007	Timekeeping Training	02/02/2018
ELEC1092	Virginia Electrical Continuing Education (3 Hours)(On-Line)(Exam at the End)	05/01/2012

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFY1222	2015 NFPA 70E Refresher	03/30/2016	
SAFE1000	AerialEquipment	04/06/2011	04/06/2014
SAFE1001	AerialWorkPlatforms	03/30/2010	03/30/2013
SAFE1004	Back Safety	07/29/2008	
SAFE1013	COMPETENT PERSON TRAINING: TRENCHING AND EXCAVATIONS	07/29/2008	
SAFE1144	CPR/ First Aid Training - 2015 (By External Vedor)	05/04/2016	
SAFE1106	CPR/First Aid Training - 2014 (New Hires/By MCD Internal)	10/16/2014	
SAFE1018	Electrical Safety	06/22/2011	
SAFE1022	Fall Protection	02/09/2011	
SAFY1238	First Aid / CPR Training	05/23/2018	
SAFE1023	FIRST AID/CPR	07/01/2011	07/01/2013
SAFE1024	FORK LIFT	12/29/2008	12/29/2011
SAFE1028	Hazard Communication	06/29/2011	
SAFE1029	HEARING PROTECTION	07/20/2011	
SAFE1031	HILTI	06/08/2010	
SAFY6001	Intro to OSHA, Recordkeeping, Provisions, General Duty Clause and Safety & Health	07/29/2008	
SAFE1032	LADDER	05/11/2011	
SAFE1036	LOTO	05/25/2011	
SAFE1037	Material Handling	07/29/2008	
SAFY1175	NFPA 70E Electrical Safety Certificate 3-Day	04/05/2013	
SAFE1041	NFPA70E	06/07/2010	
SAFE1043	OSHA 10 Group	07/29/2008	
SAFE1047	PPE	09/28/2010	
SAFE1050	SCAFFOLDING	02/09/2012	

**M.C. Dean Inc.**

Employee name: JOHN R BOOTH

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 45)

Department: Electrical Sys

Title: TEST TCH II-CON

Date of Hire: 04/14/1997

Manager: Susan Day

EDUCATION

Name of Institution	Type of Degree	Degree	Major	GPA	Year
<u>Lee-Davis High School</u>	High school				1972
<u>Midlands Technical College</u>	Associates	Engineering Technology	Electronic Engineering		1977

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	<u>American Welding Society Member</u>	11/01/1995	
	<u>AVO Certified Substation Maintenance Technician</u>	09/16/2013	09/15/2016
	<u>Certificate of Achievement</u>		
	<u>Common Wealth QA Engineer</u>	11/10/1983	
	<u>CPR</u>	04/03/2004	
	<u>MOS Maintaining Equipment Qualification</u>	09/15/1992	
	<u>Niagara Mohawk Power Corporation training</u>		
	<u>NICET Level 1 - Electrical Power Engineering Technology & Electrical Power Testing (VA)</u>	09/08/2015	10/01/2018
	<u>NICET Level 2 - Electrical Power Engineering Technology & Electrical Power Testing (SC)</u>	08/13/2018	10/01/2021
	<u>SCE&G Electrical level II</u>	06/09/1980	
	<u>SCE&G Level 1 Electrical QC</u>	12/06/1979	
	<u>Scissorlift Operator Training and Certification (Electric)</u>	04/06/2012	04/06/2015

CURRENT COURSES

Course Name	Date	CEU Hours
<u>BOCA Plumbing Code</u>	06/19/1996	3.0
<u>AWS Basic Welding Inspection</u>	02/01/1983	
<u>Electric Motor Controls & Programmable Controllers</u>	11/13/1995	
<u>Certified Infrared Thermographer</u>	03/05/2004	
<u>Basic Welding Inspection</u>	02/03/1983	
<u>Engineering Technology in Electronic Engineering</u>	11/23/1977	
<u>Substation Maintenance 1</u>	04/23/2010	
<u>Heat tracing certificate</u>		

PAST COURSES

Course Code	Course Name	Completion Date
CORP1042	Annual Security and Insider Threat Refresher	12/26/2018
SECU1023	Classification Management	09/23/2013
SECU1015	Cleared Security Refresher Training	02/28/2013
CORP1036	Controlled Unclassified Information (CUI)	04/18/2019
SECU1020	Derivative Classification	09/22/2013
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	10/11/2016

**M.C. Dean Inc.**

Employee name: JOHN R BOOTH

CORP1001	Ethics Training	07/09/2018
CORP1028	Hazard Communication & The Globally Harmonized System	11/01/2013
CORP1037	Insider Threat Awareness	04/18/2019
CORP1025	M.C. Dean ISO 9001:2008 Overview	07/08/2013
ELEC1007	NEC Training by AVO	09/16/2010
SAFY1207	NFPA 70E 1 Day	10/07/2016
SAFY1235	NFPA 70E Refresher	02/09/2018
SECU1022	Orcon Training	09/22/2013
SAFY1226	OSHA 10-Hour Construction	10/13/2017
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	08/01/2015
SAFY1153	Scissorlift Operator Training and Certification	04/06/2012
SECU1019	SSO Annual Training 2013	09/22/2013
SAFY1052	Substation Maintenance I	04/23/2010
SAFY1053	Substation Maintenance II	04/30/2010
SAFY1031	Substation Maintenance Training	09/16/2010
CORP1023	Timekeeping 2013	04/26/2013
CORP1007	Timekeeping Training	05/10/2019
SECU1021	Unauthorized Disclosure Training	09/22/2013

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFE1000	AerialEquipment	06/08/2011	06/08/2014
SAFE1004	Back Safety	01/07/1999	
SAFE1006	BOOM LIFT	04/06/2012	04/06/2015
SAFE1014	ConfinedSpace	07/20/1999	07/20/2000
SAFE1018	Electrical Safety	10/10/2005	
SAFE1022	Fall Protection	10/10/2005	
SAFE1023	FIRST AID/CPR	04/27/2006	04/27/2008
SAFE1028	Hazard Communication	10/10/2005	
SAFE1032	LADDER	04/14/2008	
SAFE1036	LOTO	10/10/2005	
SAFY1207	NFPA 70E 1 Day	10/07/2016	
SAFY1235	NFPA 70E Refresher	02/09/2018	
SAFE1041	NFPA70E	06/05/2010	
SAFY1226	OSHA 10-Hour Construction	10/13/2017	
SAFE1047	PPE	10/10/2005	
SAFE1051	SCISSOR LIFT	04/06/2012	04/06/2015
SAFY1153	Scissorlift Operator Training and Certification	04/06/2012	
SAFY1052	Substation Maintenance I	04/23/2010	
SAFY1053	Substation Maintenance II	04/30/2010	
SAFY1031	Substation Maintenance Training	09/16/2010	



M.C. Dean Inc.

Employee name: JORGE A JOYA

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 1590)

Department: SCS-CPG

Title: TEST TECH II-SV

Date of Hire: 04/09/2001

Manager: Susan Day

EDUCATION

Name of Institution	Type of Degree	Degree	Major	GPA	Year
<u>NCCER Transcript 6/27/05</u>					

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	<u>AVO Certified Substation Maintenance Technician</u>	07/13/2013	07/12/2016
	<u>CPR/First Aid Training</u>	01/13/2012	01/13/2014
	<u>Infraspection Certified Infrared Thermographer (VA), Level I</u>	01/27/2016	
	Journeyman Electrician (DC)	09/22/2014	11/30/2015
	<u>NCCER Card</u>	06/27/2005	
	<u>NCCER Core Curricula</u>	05/22/2002	
	<u>NCCER Electrical Level 1</u>	05/22/2002	
	<u>NCCER Electrical Level 2</u>	05/03/2003	
	<u>NCCER Electrical Level 3</u>	04/13/2004	
	<u>NCCER Electrical Level 4</u>	06/20/2005	
	<u>NCCER Residential Electrical II</u>	04/13/2004	
	<u>NCCER Standard Craft Training Requirements - Electrical</u>	06/20/2005	
	<u>NICET Level 1 - Electrical Power Engineering Technology & Electrical Power Testing (VA)</u>	08/01/2015	08/01/2018
	<u>Scissorlift Operator Training and Certification (Electric)</u>	04/06/2012	04/06/2015

CURRENT COURSES

Course Name	Date	CEU Hours
<u>VA Electrical Apprenticeship Program Completion</u>	07/11/2005	

PAST COURSES

Course Code	Course Name	Completion Date
SAFY1014	Confined Space Training	01/13/2012
CORP1036	Controlled Unclassified Information (CUI)	04/08/2019
SAFY1058	CPR/First Aid Training	01/13/2012
SFTY1015	ELECTRICAL SAFETY	01/13/2012
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	09/01/2016
CORP1001	Ethics Training	04/08/2019
Safy2004	Fall Protection (Sub Part M) = SAFE 1022	01/13/2012
CORP1028	Hazard Communication & The Globally Harmonized System	11/09/2013
COMP1273	Level I Certified Infrared Thermographer Course and Exam [Distance Learning/Online]	01/27/2016
CORP1021	M.C. Dean ISO 9001:2008 Revised	07/19/2017
SAFY1207	NFPA 70E 1 Day	12/16/2015

**M.C. Dean Inc.**

Employee name: JORGE A JOYA

SAFY1235	NFPA 70E Refresher	02/09/2018
SAFY1226	OSHA 10-Hour Construction	10/13/2017
SFTY6001	OSHA 10-HOUR COURSE	04/21/2008
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	09/01/2015
SAFY1153	Scissorlift Operator Training and Certification	04/06/2012
CORP1007	Timekeeping Training	01/17/2019

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFE1002	ASBESTOS	04/21/2008	04/21/2009
SAFE1006	BOOM LIFT	04/06/2012	04/06/2015
SAFY1014	Confined Space Training	01/13/2012	
SAFE1014	ConfinedSpace	01/13/2012	01/13/2013
SAFY1058	CPR/First Aid Training	01/13/2012	
SFTY1015	ELECTRICAL SAFETY	01/13/2012	
SAFE1018	Electrical Safety	01/13/2012	
SAFE1022	Fall Protection	01/13/2012	
Safy2004	Fall Protection (Sub Part M) = SAFE 1022	01/13/2012	
SAFE1023	FIRST AID/CPR	01/13/2012	01/13/2014
SAFE1028	Hazard Communication	04/21/2008	
SAFE1032	LADDER	04/21/2008	
SAFE1034	LEAD	04/21/2008	
SAFE1036	LOTO	01/13/2012	
SAFY1207	NFPA 70E 1 Day	12/16/2015	
SAFY1235	NFPA 70E Refresher	02/09/2018	
SAFE1041	NFPA70E	01/27/2010	
SAFE1043	OSHA 10 Group	04/09/2001	
SAFY1226	OSHA 10-Hour Construction	10/13/2017	
SFTY6001	OSHA 10-HOUR COURSE	04/21/2008	
SAFE1047	PPE	04/21/2008	
SAFE1051	SCISSOR LIFT	04/06/2012	04/06/2015
SAFY1153	Scissorlift Operator Training and Certification	04/06/2012	

**M.C. Dean Inc.**

Employee name: JOSE A MENJIVAR LOPEZ

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 9595)

Department: SCS-MidAtlantic

Title: ELECTRICIAN

Date of Hire: 08/02/2010

Manager: Brian Stover

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	<u>Boomlift (Self Propelled) Operator Training and Certification</u>	04/18/2013	04/18/2016
	<u>CPR/First Aid Training (VA)</u>	05/04/2018	05/04/2020
	<u>CPR/First Aid Training (VA)</u>	03/27/2015	03/27/2017
	<u>Journeyman Electrician (DC)</u>	12/01/2013	11/30/2015
	<u>Journeyman Electrician (DC)</u>	06/21/2013	11/30/2013
	<u>NFPA 70E: Electrical Safety in the Workplace Seminar (2012)(3 Day) - Certificate of Achievement</u>	09/13/2012	
	<u>Scissorlift Operator Training and Certification (Electric)</u>	04/18/2013	04/18/2016

CURRENT COURSES

Course Name	Date	CEU Hours
<u>NFPA 70E: Electrical Safety in the Workplace (2012) Certificate of Attendance</u>	09/13/2012	

PAST COURSES

Course Code	Course Name	Completion Date
SAFE1096	Aerial Lift [Scissor and Boom Combined]	12/29/2014
SAFE1006	Boom Lift (All Types)	04/18/2013
CORP1036	Controlled Unclassified Information (CUI)	05/16/2018
SAFE1144	CPR/ First Aid Training - 2015 (By External Vendor)	03/27/2015
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	10/05/2016
CORP1001	Ethics Training	08/21/2018
SAFE1145	First Aid/CPR Jobsite/Internal	11/30/2016
SAFE1024	Fork Lift (Class 1,2,4,5,6,8)	10/03/2013
CORP1028	Hazard Communication & The Globally Harmonized System	10/23/2013
CORP1037	Insider Threat Awareness	05/05/2018
CORP1021	M.C. Dean ISO 9001:2008 Revised	10/05/2016
SAFY1175	NFPA 70E Electrical Safety Certificate 3-Day	09/13/2012
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	11/19/2014
SAFE1051	Scissor Lift (All Types)	04/18/2013
SAFY1153	Scissorlift Operator Training and Certification	03/02/2012
CORP1007	Timekeeping Training	05/10/2018

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFE1096	Aerial Lift [Scissor and Boom Combined]	12/29/2014	
SAFE1006	Boom Lift (All Types)	04/18/2013	
SAFE1007	BUCKET 28	06/21/2012	06/21/2013
SAFE1010	Bucket Truck and Van Ground Safety	06/21/2012	06/21/2015



M.C. Dean Inc.

Employee name: JOSE A MENJIVAR LOPEZ

SAFE1144	CPR/ First Aid Training - 2015 (By External Vedor)	03/27/2015	
SAFE1018	Electrical Safety	09/13/2010	
SAFE1023	FIRST AID/CPR	08/02/2010	08/02/2012
SAFE1145	First Aid/CPR Jobsite/Internal	11/30/2016	
SAFE1024	Fork Lift (Class 1,2,4,5,6,8)	10/03/2013	
SAFY1175	NFPA 70E Electrical Safety Certificate 3-Day	09/13/2012	
SAFE1041	<u>NFPA70E</u>	04/20/2018	
SAFE1051	SCISSOR LIFT	04/18/2013	04/18/2016
SAFE1051	Scissor Lift (All Types)	04/18/2013	
SAFY1153	Scissorlift Operator Training and Certification	03/02/2012	

**M.C. Dean Inc.**

Employee name: JOSEPH D DAWSON

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 9642)

Department: SCS-CPG

Title: ELECTRICIAN

Date of Hire: 08/09/2010

Manager: David Adams

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	<u>Apprenticeship (VA)</u>	08/20/2014	
	CPR	08/09/2010	08/31/2012
	<u>CPR/First Aid Training (VA)</u>	10/21/2014	10/31/2016
	<u>Journeyman Electrician (VA)</u>		11/30/2020
	<u>Journeyman Electrician (VA)</u>		11/30/2018
	<u>Journeyman Electrician (VA)</u>	11/01/2014	11/30/2016
	<u>nccer electrical apprenticeship level 4 (VA)</u>	05/07/2014	
	<u>nccer electrical apprenticeship level 2</u>	07/16/2013	
	<u>nccer electrical apprenticeship level 3 (VA)</u>	05/20/2013	
	<u>OSHA 30 - Construction (Card)</u>	02/09/2013	
	<u>Scissor Lift Certification (VA)</u>	01/07/2016	01/07/2019

APPRENTICESHIPS

School	Level	Start Date	End Date	Grade	Absences	OJT
ABC DULLES	4	09/04/2013	05/07/2014			

PAST COURSES

Course Code	Course Name	Completion Date
APPE1002	Apprentice Electrical Level 3	06/10/2013
SAFE1006	Boom Lift (All Types)	04/16/2014
SAFE1108	CPR/First Aid Training - 2014 (New Hires/By External Vendors)	10/21/2014
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	06/13/2016
CORP1001	Ethics Training	07/06/2018
CORP1028	Hazard Communication & The Globally Harmonized System	10/24/2013
EEO1001	MCD EEO Training	05/01/2019
SAFY1207	NFPA 70E 1 Day	03/11/2016
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	07/06/2015
SAFE1051	Scissor Lift (All Types)	10/21/2014
CORP1007	Timekeeping Training	12/26/2018
ELEC1092	Virginia Electrical Continuing Education (3 Hours)(On-Line)(Exam at the End)	12/31/2016

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFE1006	Boom Lift (All Types)	04/16/2014	
SAFE1108	CPR/First Aid Training - 2014 (New Hires/By External Vendors)	10/21/2014	
SAFE1022	Fall Protection	08/09/2011	
SAFE1023	FIRST AID/CPR	08/09/2010	08/09/2012
SAFY1207	NFPA 70E 1 Day	03/11/2016	



M.C. Dean Inc.

Employee name: JOSEPH D DAWSON

SAFE1051

Scissor Lift (All Types)

10/21/2014

**M.C. Dean Inc.**

Employee name: JUAN WALBERTO HERNANDEZ

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 7041)

Department:

Title:

Date of Hire: 05/04/2009

Manager: Susan Day

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	CPR/First Aid Card	01/06/2015	01/31/2017
	CPR/First Aid Training	05/04/2009	05/04/2011
	OSHA 10 - Construction (English)(Card)	05/05/2009	
	OSHA 10 - Construction (English)(Card)		

CURRENT COURSES

Course Name	Date	CEU Hours
NFPA 70E- 2012, Certificate of Attendance	11/17/2011	1.8
Apprenticeship	05/09/2002	
Electricity	06/25/2002	
Apprentice Action form	03/18/2007	
Apprentice Ship	05/20/2002	
Fairfax county Public Schools Apprenticeship Certificate		

PAST COURSES

Course Code	Course Name	Completion Date
MGMT1184	Commissioning, Testing & Closeout	11/04/2011
SAFY1127	Confined Space	09/16/2011
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	11/30/2011
CORP1001	Ethics Training	11/21/2011
CORP1028	Hazard Communication & The Globally Harmonized System	10/24/2013
SAFE1036	Lock Out / Tag Out Safety Training	11/20/2013
ELEC1030	Motor Controls - Texas	05/24/2011
SAFY1207	NFPA 70E 1 Day	08/03/2013

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFE1000	AerialEquipment	05/03/2011	05/03/2014
SAFE1006	BOOM LIFT	06/08/2010	06/08/2013
SAFE1013	COMPETENT PERSON TRAINING: TRENCHING AND EXCAVATIONS	05/05/2009	
SAFY1127	Confined Space	09/16/2011	
SAFE1014	ConfinedSpace	09/16/2011	09/16/2012
SAFE1018	Electrical Safety	05/05/2009	
SAFE1022	Fall Protection	05/05/2009	
SAFE1023	FIRST AID/CPR	05/04/2009	05/04/2011
SAFE1028	Hazard Communication	05/05/2009	
SAFE1032	LADDER	05/05/2009	
SAFE1036	Lock Out / Tag Out Safety Training	11/20/2013	
SAFE1036	LOTO	05/05/2009	



M.C. Dean Inc.

Employee name: JUAN WALBERTO HERNANDEZ

SAFY1207	NFPA 70E 1 Day	08/03/2013	
SAFE1041	NFPA70E	05/05/2009	
SAFE1071	Operational Risk Management Initial / Refresher	02/21/2010	
SAFE1043	OSHA 10 Group	05/05/2009	
SAFE1047	PPE	05/05/2009	
SAFE1050	SCAFFOLDING	05/05/2009	
SAFE1051	SCISSOR LIFT	06/08/2010	06/08/2013

**M.C. Dean Inc.**

Employee name: KEITH MICHAEL BRAMMER

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 7126)

Department: SCS- FL Tampa

Title: SERVICE TECH 1

Date of Hire: 09/13/2012

Manager: David Cloniger

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	<u>Boomlift / Manlift Operator Training and Certification (VA)</u>	05/04/2015	05/04/2020
	<u>CPR/First Aid Training</u>	09/14/2012	09/14/2014
	<u>Infraspection Certified Infrared Thermographer, Level I</u>	09/26/2013	
	<u>NFPA 70E (2012) Online Course Series: Standard for Electrical Safety in the Workplace (VA)</u>	04/25/2015	
	<u>OSHA 30 - Construction (Card)</u>	04/09/2011	
	<u>Powder Actuated Tool Systems Qualified Operator License</u>	01/23/2018	

PAST COURSES

Course Code	Course Name	Completion Date
FIRE1043	2012 NFPA 70E: Standard for Electrical Safety in the Workplace Self-Guided Online Course Series	01/31/2014
CORP1042	Annual Security and Insider Threat Refresher	12/17/2018
COMP1267	Certified Infrared Thermographer Level I Certification Course and Exam	09/26/2013
SAFY1148	CPR/ First Aid Training - 2012	09/14/2012
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	09/01/2015
CORP1001	Ethics Training	08/31/2015
CORP1028	Hazard Communication & The Globally Harmonized System	10/23/2013
LOTO5152018	LOTO During Monthly Tech Meeting	05/15/2018
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	09/01/2015
CORP1007	Timekeeping Training	07/07/2017

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFE1013	COMPETENT PERSON TRAINING: TRENCHING AND EXCAVATIONS	06/02/2009	
SAFY1148	CPR/ First Aid Training - 2012	09/14/2012	
SAFE1015	Crane Rigging Safety	06/02/2009	06/02/2012
SAFE1018	Electrical Safety	06/02/2009	
SAFE1022	Fall Protection	06/02/2009	
SAFE1023	FIRST AID/CPR	06/03/2009	06/03/2011
SAFE1028	Hazard Communication	06/02/2009	
SAFE1032	LADDER	06/02/2009	
SAFE1036	LOTO	06/02/2009	
SAFE1037	Material Handling	06/02/2009	
SAFE1041	NFPA70E	04/16/2010	
SAFE1043	OSHA 10 Group	06/02/2009	
SAFE1046	Power Tool Safety	06/02/2009	



M.C. Dean Inc.

Employee name: KEITH MICHAEL BRAMMER

SAFE1047	PPE	06/02/2009	
SAFE1050	SCAFFOLDING	06/02/2009	
SAFE1051	SCISSOR LIFT	04/28/2011	04/28/2014



M.C. Dean Inc.

Employee name: MICHAEL J LAMBERTON

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 250)

Department: SCS-CPG

Title: FOREMAN I-SERV

Date of Hire: 03/30/2001

Manager: David Adams

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	CPR	06/15/2006	
	CPR	09/10/1998	
	Journeyman Electrician (VA)		02/28/2007
	Journeyman Electrician (VA)		02/28/2005
	Master Electrician (VA)		02/28/2019
	Master Electrician (VA)	02/05/2007	02/28/2013
	NCCER Electrical Level 3		
	NCCER Electrical Level 4		
	NCCER Official Transcript		
	NCCER Official Transcript		
	NFPA 70E: Electrical Safety in the Workplace Seminar (2012)(3 Day) - Certificate of Achievement	11/17/2011	
	NFPA 72: National Fire Alarm Code		
	Scissor Lift (Self Propelled) Operator Training and Certification	09/27/2018	09/27/2021
	Scissor Lift (Self Propelled) Operator Training and Certification	05/10/2018	05/10/2021
	STO2 Installation Practices and Project Mangement	02/24/1997	
	Tradesman License	02/05/2001	02/28/2005
	MERIT		
	SYMPHONY CERTIFIED CABLING SYSTEMS		
	Commonwealth of Va Apprenticeship Completion		

CURRENT COURSES

Course Name	Date	CEU Hours
Va tradesman continuing education	06/14/2008	3
NFPA 70E- 2012. Certificate of Attendance	11/17/2011	1.8
National Fire Alarm Code(NFPA 72)	06/02/2005	16
Class III Asbestor Worker Training	10/07/1998	
Official Certificate of Merit		
Tradesman License exp	02/28/2009	
tradesman License	02/28/2005	
Training - Firesafety		
Training - your Safety Net	05/09/2002	
OJT		
NCCER Card		
Straight Trucks and van review		
Working on Electrical equipment Certification		
Smith System driving Quiz		
Smith System Certificate Defensive Driving Course		
Powder Actuated tools license		
VA Electrical Tradesman Certificate	06/14/2008	



M.C. Dean Inc.

Employee name: MICHAEL J LAMBERTON

Driver Evaluation form	
CPR	
Apprentice Action form	
Electrician apprenticeship certification	06/28/1999
Electrician Apprenticeship certificate	06/30/1999
Bucket check list	12/16/2003
Electrician Certification card	08/16/1999
ABC Certificate fire alarm systems	
ABC Grade report	
AR Cross CPR	09/25/2000
Bucket Certification Test	
common Knowledge exam	
CPR	03/23/2004
M.C.Dean Class 3 Asbestos worker training certificate	10/07/1998
National Technology Transfer inc	
Master electrician	02/28/2011
Official certificate of merit	
symphony certificate	
cpr	09/25/2000
Bucket certification test	
Common knowledge exam	
AR Cross first aid and CPR	03/23/2004
CPR	09/10/1998
CPR	12/08/1999

PAST COURSES

Course Code	Course Name	Completion Date
SAFE1006	Boom Lift (All Types)	01/29/2013
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	10/26/2014
CORP1001	Ethics Training	10/26/2014
SAFY1238	First Aid / CPR Training	02/22/2018
SFTY5004	Hazard Communication	08/13/2002
CORP1028	Hazard Communication & The Globally Harmonized System	10/24/2013
SAFY6001	Intro to OSHA, Recordkeeping, Provisions, General Duty Clause and Safety & Health	09/22/2011
SAFY1109	Leadership in the Workplace	01/09/2003
SAFY1207	NFPA 70E 1 Day	06/28/2018
SAFY1102	NFPA 70E Electrical Safety Certificate (3 Day)	11/19/2011
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	10/26/2014
SAFE1050	Scaffolding (All Types)	01/29/2013
SAFE1051	Scissor Lift (All Types)	11/19/2014
CORP1007	Timekeeping Training	10/05/2018
ELEC1118	Virginia Electrical Continuing Education (3 Hr - Online)	02/28/2013

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFE1002	ASBESTOS		
SAFE1004	Back Safety	07/10/2003	
SAFE1030	BackProtection		



SAFE1006	Boom Lift (All Types)	01/29/2013	
SAFE1007	BUCKET 28	12/16/2003	12/16/2004
SAFE1008	BUCKET 55		
SAFE1013	COMPETENT PERSON TRAINING: TRENCHING AND EXCAVATIONS	11/11/2006	
SAFE1014	ConfinedSpace	05/26/2004	05/26/2005
SAFE1045	ConfinedSpaceEntryPermitRequired		
SAFE1047	ConfinedSpaceNonEntryRescue		
SAFE1047	ConfinedSpaceVentilation		
SAFE1050	ConfinesSpaceAtmosphericTesting		
SAFE1033	ConstructionFallProtection		
SAFE1045	ConstructionFallProtectionGetArrested		
SAFE1015	Crane Rigging Safety	11/11/2006	11/11/2009
SAFE1016	DEFENSIVE DRIVING/FLEET/TRAFFIC	08/05/2003	08/05/2006
SAFE1058	Driving for the Straight Truck and Van	02/14/2002	02/14/2003
SAFE1017	DRIVING SAFETY-CITY DRIVING		
SAFE1018	Electrical Safety	11/11/2006	
SAFE1022	Fall Protection	11/11/2006	
SAFE1032	FireSafetyThereisno2ndchance		
SAFY1238	First Aid / CPR Training	02/22/2018	
SAFE1023	FIRST AID/CPR	06/15/2006	06/15/2008
SAFE1027	Hand Safety	01/27/2000	
SAFE1028	Hazard Communication	11/11/2006	
SFTY5004	Hazard Communication	08/13/2002	
SAFY6001	Intro to OSHA, Recordkeeping, Provisions, General Duty Clause and Safety & Health	09/22/2011	
SAFE1032	LADDER	11/11/2006	
SAFE1034	LEAD	01/09/2003	
SAFY1109	Leadership in the Workplace	01/09/2003	
SAFE1049	LeadTreatitwithRespect		
SAFE1041	LockOutTagOut		
SAFE1036	LOTO	11/11/2006	
SAFE1037	Material Handling	11/11/2006	
SAFY1207	NFPA 70E 1 Day	06/28/2018	
SAFY1102	NFPA 70E Electrical Safety Certificate (3 Day)	11/19/2011	
SAFE1041	NFPA70E	11/11/2006	
SAFE1043	OSHA 10 Group	11/11/2006	
SAFE1030	PEP		
SAFE1045	Power Actuated Tools	06/01/2000	
SAFE1046	Power Tool Safety	11/11/2006	
SAFE1047	PPE	11/11/2006	
SAFE1031	SafenetFundamentalsCertificate		
SAFE1050	SCAFFOLDING	11/11/2006	
SAFE1050	Scaffolding (All Types)	01/29/2013	
SAFE1051	SCISSOR LIFT	01/25/2006	01/25/2009
SAFE1051	Scissor Lift (All Types)	11/19/2014	
SAFE1038	StairwaysandLadders		
SAFE1053	Workplace Safety / Walking and Working Surfaces	03/18/2002	

**M.C. Dean Inc.**

Employee name: ROBERT T HARPER III

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 5918)

Department: SCS- FL Tampa

Title: SERVICE TECH 1

Date of Hire: 04/09/2012

Manager: Glen Drake

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	<u>Aerial Boomlift Operator Certification - Online / Blended (MD)</u>	02/19/2018	02/19/2021
	<u>Basic Crane Rigging, Inspection and Signal Person Training and Certification</u>	12/21/2012	12/21/2013
	<u>Coaching Systems - Coaching the Utility Truck Driver</u>	06/15/2012	
	<u>Commercial Drivers - Entry Level</u>	06/15/2012	
	<u>Commercial Vehicle Training Certificate</u>	06/15/2012	
	<u>CPR/First Aid Training</u>	04/10/2012	04/10/2014
	<u>CPR/First Aid Training (VA)</u>	03/05/2018	03/20/2020
	<u>Defensive Driving - Behind the Wheel (VA)</u>	02/13/2018	
	<u>Defensive Driving - DOT Compliance Training and Certification Card</u>	06/15/2012	04/13/2013
	<u>Master Electrician (MD)</u>	01/23/2019	01/23/2021
	<u>NFPA 70E (2009) Online Course Series - Certificate of Completion</u>	04/30/2012	
	<u>OSHA 10 - Construction (English)(Card)</u>	04/10/2012	
	<u>Powder Actuated Tool Systems Qualified Operator License</u>	01/18/2018	

PAST COURSES

Course Code	Course Name	Completion Date
SAFY1154	Basic Rigging, Inspection and Signal Person Training and Certification	12/21/2012
CORP1036	Controlled Unclassified Information (CUI)	04/30/2018
SAFY1148	CPR/ First Aid Training - 2012	04/10/2012
SFTY1029	Defensive Driving - DOT Compliance Training and Certification	06/25/2012
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	08/02/2015
CORP1001	Ethics Training	08/06/2014
CORP1028	Hazard Communication & The Globally Harmonized System	10/18/2013
CORP1037	Insider Threat Awareness	04/30/2018
LOTO5152018	LOTO During Monthly Tech Meeting	05/15/2018
SFTY1004	NFPA 70E 2009 - ONLINE	04/25/2012
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	08/06/2014
SAFE1081	Tampa Monthly Tech Meetings / Toolbox Talks (Division Specific)	06/12/2013
CORP1007	Timekeeping Training	06/22/2018

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFY1154	Basic Rigging, Inspection and Signal Person Training and Certification	12/21/2012	
SAFY1148	CPR/ First Aid Training - 2012	04/10/2012	



M.C. Dean Inc.

Employee name: ROBERT T HARPER III

SAFE1015	Crane Rigging Safety	12/21/2012	12/21/2015
SFTY1004	NFPA 70E 2009 - ONLINE	04/25/2012	
SAFE1081	Tampa Monthly Tech Meetings / Toolbox Talks (Division Specific)	06/12/2013	



M.C. Dean Inc.

Employee name: SEBASTIJAN BABIC

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 6395)

Department: SCS-MidAtlantic

Title: FOREMAN I-SERV

Date of Hire: 02/11/2013

Manager: David Adams

EDUCATION

Name of Institution	Type of Degree	Degree	Major	GPA	Year
Thomas Edison	High school			4.0	2008

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	<u>Boomlift (Self Propelled) Operator Training and Certification (VA)</u>	05/11/2017	05/11/2020
	<u>Class 4 Warehouse and Industrial Forklift Training and Certification</u>	10/03/2013	10/03/2016
	<u>CPR/First Aid Card</u>	04/21/2017	04/21/2019
	<u>Electrical Safety for Overhead Contact Systems</u>	09/17/2014	
	<u>Master Electrician (VA)</u>	08/31/2017	08/31/2019
	<u>Master Electrician (VA)</u>		08/31/2015
	<u>OSHA 10 - Construction (English)(Card)</u>	02/12/2013	
	<u>Scissorlift Operator Training and Certification (Electric)</u>	02/19/2013	02/19/2016

PAST COURSES

Course Code	Course Name	Completion Date
CORP1042	Annual Security and Insider Threat Refresher	12/12/2018
CORP1036	Controlled Unclassified Information (CUI)	05/16/2018
SAFE1144	CPR/ First Aid Training - 2015 (By External Vedor)	03/27/2015
SAFE1018	CPR/First Aid Training - 2013 (New Hires/By MCD Internal)	02/12/2013
ELEC1162	Eaton Meter & Relay Training	05/18/2016
ELEC1149	Electrical Safety for Overhead Contact Systems	09/17/2014
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	05/03/2017
CORP1001	Ethics Training	12/12/2018
SAFE1125	Fall Protection	12/08/2014
SAFE1024	Fork Lift (Class 1,2,4,5,6,8)	10/03/2013
CORP1028	Hazard Communication & The Globally Harmonized System	10/23/2013
CORP1037	Insider Threat Awareness	12/12/2018
SAFE1036	Lock Out / Tag Out Safety Training	11/21/2014
CORP1025	M.C. Dean ISO 9001:2008 Overview	07/11/2013
CORP1021	M.C. Dean ISO 9001:2008 Revised	05/14/2018
NHO001	New Employee Orientation	02/11/2013
SAFY1207	NFPA 70E 1 Day	03/11/2016
SFTY6001	OSHA 10-HOUR COURSE	02/12/2013
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	08/01/2015
SAFE1051	Scissor Lift (All Types)	02/19/2013
CORP1007	Timekeeping Training	05/14/2018

SAFETY COURSES

**M.C. Dean Inc.**

Employee name: SEBASTIJAN BABIC

Course Code	Course Name	Completion Date	Expiration Date
SAFE1013	COMPETENT PERSON TRAINING: TRENCHING AND EXCAVATIONS	12/18/2008	
SAFE1014	ConfinedSpace	08/21/2009	08/21/2010
SAFE1144	CPR/ First Aid Training - 2015 (By External Vedor)	03/27/2015	
SAFE1018	CPR/First Aid Training - 2013 (New Hires/By MCD Internal)	02/12/2013	
SAFE1015	Crane Rigging Safety	07/13/2009	07/13/2012
SAFE1018	Electrical Safety	12/21/2009	
SAFE1125	Fall Protection	12/08/2014	
SAFE1022	Fall Protection	12/21/2009	
SAFE1023	FIRST AID/CPR	07/22/2008	07/22/2010
SAFE1024	Fork Lift (Class 1,2,4,5,6,8)	10/03/2013	
SAFE1028	Hazard Communication	12/21/2009	
SAFE1032	LADDER	12/21/2009	
SAFE1036	Lock Out / Tag Out Safety Training	11/21/2014	
SAFE1036	LOTO	01/12/2010	
SAFE1037	Material Handling	12/18/2008	
SAFY1207	NFPA 70E 1 Day	03/11/2016	
SAFE1041	NFPA70E	12/18/2008	
SAFE1043	OSHA 10 Group	12/18/2008	
SFTY6001	OSHA 10-HOUR COURSE	02/12/2013	
SAFE1077	<u>OSHA 30 Hour</u>	03/03/2010	
SAFE1047	PPE	12/21/2009	
SAFE1050	SCAFFOLDING	12/18/2008	
SAFE1051	SCISSOR LIFT	02/19/2013	02/19/2016
SAFE1051	Scissor Lift (All Types)	02/19/2013	

**M.C. Dean Inc.**

Employee name: SKYLER M FLETCHER

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 8199)

Department: SCS- FL Tampa

Title: SERVICE TECH 1

Date of Hire: 04/26/2010

Manager: David Cloniger

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	<u>Aerial Boomlift Operator Certification - Online / Blended</u>	03/15/2018	03/15/2021
	<u>aerial scissor lift</u>	03/15/2018	03/15/2021
	aerial scissor lift	03/15/2018	03/15/2021
	<u>Basic Crane Rigging, Inspection and Signal Person Training and Certification</u>	12/21/2012	12/21/2013
	<u>Excavator Operator Training</u>	01/31/2012	01/31/2013
	<u>nccer electrical apprenticeship level 3</u>	07/16/2013	
	<u>Powder Actuated Tool Systems Qualified Operator License</u>	01/20/2018	

CURRENT COURSES

Course Name	Date	CEU Hours
<u>Buket truck training</u>		

PAST COURSES

Course Code	Course Name	Completion Date
FIRE1019	2012 NFPA 70E: Standard for Electrical Safety in the Workplace Self-Guided Online Course Series	07/31/2013
APPE1061	Apprentice Electrical Level 4	06/04/2013
SAFY1154	Basic Rigging, Inspection and Signal Person Training and Certification	12/21/2012
SAFY1151	Boom Lift/Manlift Operator Training and Certification	02/10/2012
CORP1036	Controlled Unclassified Information (CUI)	05/16/2018
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	12/13/2012
CORP1001	Ethics Training	12/13/2011
SAFY1121	Excavator Operator Training and Certification	01/31/2012
CORP1028	Hazard Communication & The Globally Harmonized System	10/29/2013
LOTO5152018	LOTO During Monthly Tech Meeting	05/15/2018
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	08/15/2013
SFTY3007	SCISSOR LIFT SAFETY	11/03/2010
SAFY1153	Scissorlift Operator Training and Certification	02/10/2012
SAFE1081	Tampa Monthly Tech Meetings / Toolbox Talks (Division Specific)	06/12/2013
CORP1007	Timekeeping Training	05/07/2018

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFE1000	AerialEquipment	09/14/2010	09/14/2013
SAFY1154	Basic Rigging, Inspection and Signal Person Training and Certification	12/21/2012	
SAFE1006	BOOM LIFT	02/10/2012	02/10/2015
SAFY1151	Boom Lift/Manlift Operator Training and Certification	02/10/2012	



M.C. Dean Inc.

Employee name: SKYLER M FLETCHER

SAFE1015	Crane Rigging Safety	12/21/2012	12/21/2015
SAFE1018	Electrical Safety	09/13/2010	
SAFY1121	Excavator Operator Training and Certification	01/31/2012	
SAFE1022	Fall Protection	05/12/2010	
SAFE1023	FIRST AID/CPR	04/26/2010	04/26/2012
SAFE1032	LADDER	04/28/2010	
SAFE1036	LOTO	10/20/2010	
SAFE1047	PPE	09/28/2010	
SAFE1051	SCISSOR LIFT	02/10/2012	02/10/2015
SFTY3007	SCISSOR LIFT SAFETY	11/03/2010	
SAFY1153	Scissorlift Operator Training and Certification	02/10/2012	
SAFE1081	Tampa Monthly Tech Meetings / Toolbox Talks (Division Specific)	06/12/2013	

**M.C. Dean Inc.**

Employee name: STEVEN A MCCABE

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 2738)

Department: SCS- FL Tampa

Title: SERVICE TECH 2

Date of Hire: 12/01/2003

Manager: David Cloniger

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	Basic Crane Rigging, Inspection and Signal Person Training and Certification	12/21/2012	12/21/2013
	Boomlift / Manlift Operator Training and Certification	02/19/2018	02/19/2021
	Coaching Systems - Coaching the Utility Truck Driver	06/15/2012	
	Commercial Drivers - Entry Level	06/15/2012	
	Commercial Vehicle Training Certificate	06/15/2012	
	CPR/First Aid Training (VA)	03/05/2018	03/05/2020
	Defensive Driving - DOT Compliance Training Certificate	06/15/2012	
	Defensive Driving Certificate and Card (VA)	02/13/2018	02/13/2020
	Electrical Apprenticeship		
	Excavator Operator Training and Certification	01/31/2012	01/31/2013
	Journeyman Electrician		
	Master Electrician (VA)	05/05/2008	05/31/2018
	Master Electrician (VA)	05/05/2008	05/31/2012
	NCCER Certification	04/23/2008	
	NFPA 70E Electrical Safety in the Workplace (2009)(3 Day) - Certificate of Achievement	06/16/2011	
	OSHA 30 - Construction (Card)	05/08/2009	
	OSHA 30 - Construction (Card)		
	Powder Actuated Tool Systems Qualified Operator License	01/22/2018	
	Scissorlift & Self Propelled Boomlift Certification (VA)	02/19/2018	02/19/2021

CURRENT COURSES

Course Name	Date	CEU Hours
NFPA 70E- 2009, Certificate of Attendance	06/16/2011	1.8
VA Electrical Apprenticeship Program Completion	06/09/2008	
Apprentice action form		
OJT	04/29/2008	
OJT Tracking form		
NCCER Standardized craft training program		
Expense report		
Apprentice ship enrollment		
NCCER Contren learning center		
Virginia Continuing Education Online Course (Electrical Wiring 2008 NEC)	05/01/2014	3

PAST COURSES

Course Code	Course Name	Completion Date
SAFY1154	Basic Rigging, Inspection and Signal Person Training and Certification	12/21/2012
SAFY1151	Boom Lift/Manlift Operator Training and Certification	02/10/2012

**M.C. Dean Inc.**

Employee name: STEVEN A MCCABE

SFTY1029	Defensive Driving - DOT Compliance Training and Certification	06/25/2012
MFAC1173	EICT Hardware Training	02/28/2013
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	11/03/2014
CORP1001	Ethics Training	11/03/2014
SAFY1121	Excavator Operator Training and Certification	01/31/2012
SFTY5004	Hazard Communication	12/29/2003
CORP1028	Hazard Communication & The Globally Harmonized System	10/18/2013
SECU1013	Industrial Security The Basics	02/16/2009
CORP1037	Insider Threat Awareness	05/17/2018
LOTO5152018	LOTO During Monthly Tech Meeting	05/15/2018
SAFY1141	NFPA 70E - Electrical Safety in the Workplace - (1 day)	12/02/2009
SAFY1102	NFPA 70E Electrical Safety Certificate (3 Day)	06/16/2011
SAFE1077	OSHA 30	05/08/2009
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	11/03/2014
SAFY1153	Scissorlift Operator Training and Certification	02/10/2012
SAFE1081	Tampa Monthly Tech Meetings / Toolbox Talks (Division Specific)	06/12/2013
CORP1007	Timekeeping Training	05/14/2018
ELEC1093	Virginia Electrical Continuing Education (3 Hours)(On-Line)	05/31/2012
ELEC1092	Virginia Electrical Continuing Education (3 Hours)(On-Line)(Exam at the End)	05/31/2012
PREP1181	Virginia Electrical Continuing Education (3 Hours)(On-Line)(No Exam)	04/30/2014

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFE1004	Back Safety	05/08/2009	
SAFY1154	Basic Rigging, Inspection and Signal Person Training and Certification	12/21/2012	
SAFE1006	BOOM LIFT	02/10/2012	02/10/2015
SAFY1151	Boom Lift/Manlift Operator Training and Certification	02/10/2012	
SAFE1030	Bucket Truck Safety		
SAFE1013	COMPETENT PERSON TRAINING: TRENCHING AND EXCAVATIONS	05/08/2009	
SAFE1014	Confined Space	04/06/2010	04/06/2011
SAFE1015	Crane Rigging Safety	12/21/2012	12/21/2015
SAFE1016	DEFENSIVE DRIVING/FLEET/TRAFFIC	03/20/2009	03/20/2012
SAFE1018	Electrical Safety	05/08/2009	
SAFY1121	Excavator Operator Training and Certification	01/31/2012	
SAFE1022	Fall Protection	05/08/2009	
SAFE1023	FIRST AID/CPR	11/13/2009	11/13/2011
SAFE1028	Hazard Communication	05/08/2009	
SFTY5004	Hazard Communication	12/29/2003	
SAFE1030	Heat Stress	05/08/2009	
SAFE1032	LADDER	05/08/2009	
SAFE1036	LOTO	05/08/2009	
SAFE1037	Material Handling	05/09/2009	
SAFY1141	NFPA 70E - Electrical Safety in the Workplace - (1 day)	12/02/2009	
SAFY1102	NFPA 70E Electrical Safety Certificate (3 Day)	06/16/2011	
SAFE1041	NFPA 70E	12/02/2009	
SAFE1043	OSHA 10 Group	05/08/2009	



M.C. Dean Inc.

Employee name: STEVEN A MCCABE

SAFE1077	OSHA 30	05/08/2009	
SAFE1044	OSHA 30 Hour Compliance Course	05/08/2009	
SAFE1046	Power Tool Safety	12/28/2007	
SAFE1047	PPE	05/08/2009	
SAFE1030	<u>SafetyQuizzes</u>	12/09/2003	
SAFE1050	SCAFFOLDING	05/08/2009	
SAFE1051	SCISSOR LIFT	02/10/2012	02/10/2015
SAFY1153	Scissorlift Operator Training and Certification	02/10/2012	
SAFE1081	Tampa Monthly Tech Meetings / Toolbox Talks (Division Specific)	06/12/2013	



M.C. Dean Inc.

Employee name: UMER ALI

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 8813)

Department: SCS-MidAtlantic

Title: CX ENG ASSOC

Date of Hire: 05/02/2016

Manager: Ahmed Gokturk

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	<u>CPR/First Aid Training</u>	05/03/2016	05/03/2018
	EIT Engineer in Training (VA)	10/09/2018	12/31/2025

PAST COURSES

Course Code	Course Name	Completion Date
SAFE1144	CPR/ First Aid Training - 2015 (By External Vedor)	05/03/2016
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	05/05/2016
CORP1001	Ethics Training	06/01/2016
CORP1021	M.C. Dean ISO 9001:2008 Revised	07/21/2016
SAFY1235	NFPA 70E Refresher	02/09/2018
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	12/17/2016
CORP1007	Timekeeping Training	03/11/2019

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFE1144	CPR/ First Aid Training - 2015 (By External Vedor)	05/03/2016	
SAFY1235	NFPA 70E Refresher	02/09/2018	

**M.C. Dean Inc.**

Employee name: WILFREDO YASON RAGASA

No Photo

Organization

Company: 1.0 - M.C. Dean Inc. (Emp# 4256)

Department: SCS-MidAtlantic

Title: E-PREP

Date of Hire: 07/31/2006

Manager: David Adams

LICENSES/CERTIFICATES

Type	License Name	Date Received	Expires
	<u>CPR</u>	11/06/2009	11/06/2011
	<u>CPR/First Aid Card</u>	04/27/2017	04/27/2019
	<u>CPR/First Aid Training</u>	01/12/2012	01/11/2014
	<u>NCCER Electrical Level 3</u>	05/27/2009	
	<u>NFPA 70E Electrical Safety in the Workplace (2009)(3 Day) - Certificate of Achievement</u>	06/16/2011	
	<u>OSHA 30 - Construction (Card)</u>	01/19/2009	

CURRENT COURSES

Course Name	Date	CEU Hours
<u>NFPA 70E-2009, Certificate of Attendance</u>	06/16/2011	1.8

PAST COURSES

Course Code	Course Name	Completion Date
CORP1042	Annual Security and Insider Threat Refresher	12/12/2018
SECU1015	Cleared Security Refresher Training	03/10/2013
CORP1036	Controlled Unclassified Information (CUI)	05/16/2018
SAFY1058	CPR/First Aid Training	01/12/2012
CORP1002	Equal Employment Opportunity (EEO): Making M. C. Dean a World-Class Workplace	04/12/2017
CORP1001	Ethics Training	07/02/2018
CORP1028	Hazard Communication & The Globally Harmonized System	10/25/2013
SAFY6001	Intro to OSHA, Recordkeeping, Provisions, General Duty Clause and Safety & Health	09/21/2011
SAFE1036	Lock Out / Tag Out Safety Training	11/19/2013
SAFY1102	NFPA 70E Electrical Safety Certificate (3 Day)	06/16/2011
SAFE1077	OSHA 30	01/20/2009
CORP1005	Proper Treatment of Costs: Identifying and Recording Unallowable Costs	09/01/2015
CORP1007	Timekeeping Training	02/24/2019

SAFETY COURSES

Course Code	Course Name	Completion Date	Expiration Date
SAFE1001	AerialWorkPlatforms	01/20/2009	01/20/2012
SAFE1004	Back Safety	01/20/2009	
SAFE1006	BOOM LIFT	06/08/2010	06/08/2013
SAFE1013	COMPETENT PERSON TRAINING: TRENCHING AND EXCAVATIONS	01/20/2009	
SAFE1014	ConfinedSpace	01/20/2009	01/20/2010
SAFY1058	CPR/First Aid Training	01/12/2012	
SAFE1015	Crane Rigging Safety	10/14/2006	10/14/2009
SAFE1016	DEFENSIVE DRIVING/FLEET/TRAFFIC	03/20/2009	03/20/2012



M.C. Dean Inc.

Employee name: WILFREDO YASON RAGASA

SAFE1018	Electrical Safety	01/20/2009	
SAFE1022	Fall Protection	01/20/2009	
SAFE1023	FIRST AID/CPR	11/06/2009	11/06/2011
SAFE1028	Hazard Communication	01/20/2009	
SAFE1030	Heat Stress	01/20/2009	
SAFE1031	HILTI	09/02/2010	
SAFY6001	Intro to OSHA, Recordkeeping, Provisions, General Duty Clause and Safety & Health	09/21/2011	
SAFE1032	LADDER	01/20/2009	
SAFE1036	Lock Out / Tag Out Safety Training	11/19/2013	
SAFE1036	LOTO	01/20/2009	
SAFE1037	Material Handling	01/20/2009	
SAFY1102	NFPA 70E Electrical Safety Certificate (3 Day)	06/16/2011	
SAFE1041	NFPA70E	01/20/2009	
SAFE1071	Operational Risk Management Initial / Refresher	02/21/2010	
SAFE1043	OSHA 10 Group	01/20/2009	
SAFE1077	OSHA 30	01/20/2009	
SAFE1044	OSHA 30 Hour Compliance Course	01/20/2009	
SAFE1045	Power Actuated Tools	01/20/2009	
SAFE1046	Power Tool Safety	10/14/2006	
SAFE1047	PPE	01/20/2009	
SAFE1050	SCAFFOLDING	01/20/2009	
SAFE1051	SCISSOR LIFT	06/08/2010	06/08/2013

DPOR License Lookup License Number 2710046059

License Details

Name	SANTOS, ALDRIC ALINDOGAN
License Number	2710046059
License Description	Tradesman
Rank	Tradesman
Address	FREDERICK, MD 21703
Specialties¹	Journeyman Electrician (JELE)
Initial Certification Date	2006-06-13
Expiration Date	2020-06-30

- 1 Refer to the Classification Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-20>) and Specialty Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-30>) for detailed definitions of these classifications and specialties.

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DPOR License Lookup License Number 2710063411

License Details

Name	EZZYK, CHRISTOPHER LEE
License Number	2710063411
License Description	Tradesman
Rank	Tradesman
Address	SCOTTSVILLE, VA 24590
Specialties¹	Journeyman Electrician (JELE) Master Electrician (MELE)
Initial Certification Date	2015-01-09
Expiration Date	2022-05-31

- 1 Refer to the Classification Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-20>) and Specialty Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-30>) for detailed definitions of these classifications and specialties.

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DPOR License Lookup License Number 2710050006

License Details

Name	CORBU, FLORIAN CONSTANTIN
License Number	2710050006
License Description	Tradesman
Rank	Tradesman
Address	FAIRFAX, VA 22031-3556
Specialties¹	Journeyman Electrician (JELE) Master Electrician (MELE)
Initial Certification Date	2008-06-13
Expiration Date	2019-10-31

- 1 Refer to the Classification Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-20>) and Specialty Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-30>) for detailed definitions of these classifications and specialties.

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DPOR License Lookup License Number 2710034463

License Details

Name	HUNTER, GREGG LEWIS
License Number	2710034463
License Description	Tradesman
Rank	Tradesman
Address	LEESBURG, VA 20175
Specialties¹	Journeyman Electrician (JELE)
Initial Certification Date	1999-04-29
Expiration Date	2019-04-30

- 1 Refer to the Classification Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-20>) and Specialty Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-30>) for detailed definitions of these classifications and specialties.

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DPOR License Lookup License Number 2710037767

License Details

Name	SIMMONS, JESSE WADE
License Number	2710037767
License Description	Tradesman
Rank	Tradesman
Address	WOODBIDGE, VA 22193
Specialties¹	Journeyman Electrician (JELE) Master Electrician (MELE)
Initial Certification Date	2001-06-18
Expiration Date	2020-06-30

- 1 Refer to the Classification Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-20>) and Specialty Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-30>) for detailed definitions of these classifications and specialties.

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DPOR License Lookup License Number 2710049340

License Details

Name	HAYES, JOHN
License Number	2710049340
License Description	Tradesman
Rank	Tradesman
Address	GAINESVILLE, VA 20155
Specialties¹	Journeyman Electrician (JELE)
Initial Certification Date	2008-04-07
Expiration Date	2020-04-30

- 1 Refer to the Classification Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-20>) and Specialty Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-30>) for detailed definitions of these classifications and specialties.

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DPOR License Lookup License Number 2710058382

License Details

Name	MENJIVAR, JOSE FRANCISCO
License Number	2710058382
License Description	Tradesman
Rank	Tradesman
Address	WOODBIDGE, VA 22193
Specialties¹	Master Heating Ventilation and Air Cond. (MHVA)
Initial Certification Date	2012-09-04
Expiration Date	2020-09-30

- 1 Refer to the Classification Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-20>) and Specialty Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-30>) for detailed definitions of these classifications and specialties.

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DPOR License Lookup build 1,198 (built 2017-07-13 02:34:41).

DPOR License Lookup License Number 2710063178

License Details

Name	DAWSON, JOSEPH DELANEY
License Number	2710063178
License Description	Tradesman
Rank	Tradesman
Address	FREDERICKSBURG, VA 22406
Specialties¹	Journeyman Electrician (JELE)
Initial Certification Date	2014-11-20
Expiration Date	2020-11-30

- 1 Refer to the Classification Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-20>) and Specialty Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-30>) for detailed definitions of these classifications and specialties.

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DPOR License Lookup build 1,198 (built 2017-07-13 02:34:41).

DPOR License Lookup License Number 2710057157

License Details

Name	BRAMMER, KEITH MICHAEL
License Number	2710057157
License Description	Tradesman
Rank	Tradesman
Address	AMISSVILLE, VA 20106
Specialties¹	Journeyman Electrician (JELE)
Initial Certification Date	2012-03-26
Expiration Date	2014-03-31

- 1 Refer to the Classification Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-20>) and Specialty Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-30>) for detailed definitions of these classifications and specialties.

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DPOR License Lookup build 1,198 (built 2017-07-13 02:34:41).

DPOR License Lookup License Number 2710037493

License Details

Name	LAMBERTON, MICHAEL JOHN
License Number	2710037493
License Description	Tradesman
Rank	Tradesman
Address	BUNKER HILL, WV 25413
Specialties¹	Journeyman Electrician (JELE) Master Electrician (MELE)
Initial Certification Date	2001-02-05
Expiration Date	2022-02-28

- 1 Refer to the Classification Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-20>) and Specialty Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-30>) for detailed definitions of these classifications and specialties.

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DPOR License Lookup License Number 2710057640

License Details

Name	BABIC, SEBASTIJAN
License Number	2710057640
License Description	Tradesman
Rank	Tradesman
Address	ALEXANDRIA, VA 22310
Specialties¹	Journeyman Electrician (JELE) Master Electrician (MELE)
Initial Certification Date	2012-03-15
Expiration Date	2019-08-31

- 1 Refer to the Classification Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-20>) and Specialty Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-30>) for detailed definitions of these classifications and specialties.

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DPOR License Lookup License Number 2710061095

License Details

Name	FLETCHER, SKYLER MATTHEW
License Number	2710061095
License Description	Tradesman
Rank	Tradesman
Address	EDINBURG, VA 22824
Specialties¹	Journeyman Electrician (JELE)
Initial Certification Date	2013-10-07
Expiration Date	2019-10-31

- 1 Refer to the Classification Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-20>) and Specialty Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-30>) for detailed definitions of these classifications and specialties.

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DPOR License Lookup License Number 2710049988

License Details

Name	MCCABE, STEVEN ANTHONY
License Number	2710049988
License Description	Tradesman
Rank	Tradesman
Address	MAURERTOWN, VA 22644
Specialties¹	Journeyman Electrician (JELE) Master Electrician (MELE)
Initial Certification Date	2008-05-05
Expiration Date	2020-05-31

- 1 Refer to the Classification Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-20>) and Specialty Definitions (<http://lis.virginia.gov/cgi-bin/legp604.exe?000+reg+18VAC50-22-30>) for detailed definitions of these classifications and specialties.

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**CERTIFIED
INFRARED
THERMOGRAPHER**
Level-I No. 6908

Aldric A. Santos

Has satisfactorily completed the Infraspction Institute Level-I training course and Examination in the qualitative theory and application of infrared thermal imaging equipment and is a Level-I Certified Infrared Thermographer. This course meets the requirements for training of Level-I NDT personnel in the Thermal / Infrared Testing Method in accordance with the American Society for Nondestructive Testing document, SNT-TC-1A.



9/16/2005

Date

R. James Seffrin
R. James Seffrin
Director

Continuing Education Hours: 32



**CERTIFIED
INFRARED
THERMOGRAPHER**
Level-I No. 9585

John Hayes

Has satisfactorily completed the Infraspection Institute Level-I training course and Examination in the qualitative theory and application of infrared thermal imaging equipment and is a Level-I Certified Infrared Thermographer. This course meets the requirements for training of Level-I NDT personnel in the Thermal / Infrared Testing Method in accordance with the American Society for Nondestructive Testing document, SNT-TC-1A.

9/26/2013

Date

Continuing Education Hours: 32



R. James Seffrin

R. James Seffrin
Director



**CERTIFIED
INFRARED
THERMOGRAPHER**
Level-I No. 10777

Jorge A. Joya

Has satisfactorily completed the Infraspection Institute Level-I training course and Examination in the qualitative theory and application of infrared thermal imaging equipment and is a Level-I Certified Infrared Thermographer. This course meets the requirements for training of Level-I NDT personnel in the Thermal / Infrared Testing Method in accordance with the American Society for Nondestructive Testing document, SNT-TC-1A.

1/27/2016

Date

R. James Seffrin
R. James Seffrin
Director



Continuing Education Hours: 32



**CERTIFIED
INFRARED
THERMOGRAPHER**
Level-I No. 9584

Keith M. Brammer

Has satisfactorily completed the Infraspection Institute Level-I training course and Examination in the qualitative theory and application of infrared thermal imaging equipment and is a Level-I Certified Infrared Thermographer. This course meets the requirements for training of Level-I NDT personnel in the Thermal / Infrared Testing Method in accordance with the American Society for Nondestructive Testing document, SNT-TC-1A.

9/26/2013

Date

R. James Seffrin
R. James Seffrin
Director

Continuing Education Hours: 32

