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Invitation to Bid (ITB) for:

**Switchgear Inspection, Testing, and Repair
Services**

ITB-27-001

August 13, 2026

Bids shall only be submitted electronically on www.eVA.Virginia.gov in accordance with Instructions to Bidders on or before 2:00 PM ET, September 15, 2026. Paper copies will not be accepted. AlexRenew will conduct a **mandatory** Pre-bid meeting and Site Tour for this solicitation on August 25, 2026 from 10:00 am to 12:00 noon ET at AlexRenew's Environmental Center, Conference Room 605. **Attendance at the Pre-bid meeting and Site Tour are prerequisites to submitting a bid. Bids from those who were not in attendance or were late to the meeting will not be considered.** Bidders intending to attend the site visit shall wear safety shoes, hard hats, safety glasses, and safety vests.

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ATTACHMENT B: BIDDER REFERENCES

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1. INSTRUCTIONS TO BIDDERS

1.1 Background

Established in 1952 by the Alexandria City Council, AlexRenew's mission is to clean wastewater to protect public health and Alexandria's waterways. AlexRenew is governed by an Alexandria City Council-appointed five-member citizen Board of Directors and is a political subdivision of the Commonwealth of Virginia created under the Virginia Water and Waste Authorities Act. AlexRenew is an independent, special-purpose government unit with administrative and fiscal independence from the City of Alexandria. AlexRenew serves more than 300,000 people in the City of Alexandria and parts of Fairfax County, Virginia. It currently maintains capital assets valued at approximately \$1.2 billion and treats approximately 38 MGD (up to 116 MGD during wet weather) of wastewater at its water resource recovery facility (WRRF), located in Alexandria, Virginia.

The purpose of this solicitation is to obtain bids from qualified sources to provide preventive and remedial maintenance services for switchgears, breakers, and transformers, as outlined in detail in Exhibit A of this solicitation in accordance with the specifications, terms, and conditions listed below.

1.2 Distribution of Solicitation Documents and Bidder's Responsibilities

The distribution of this Invitation for Bids (ITB), all addenda, and responses to questions will be posted to the AlexRenew website <https://alexrenew.com/procurement> and the Commonwealth of Virginia eVA website <https://mvendor.cgieva.com/Vendor/public/AllOpportunities.jsp>. The date and time of posting on AlexRenew website shall be the date and time of the official issuance or notification of the ITB or any modification to the solicitation process.

It is the bidder's responsibility to determine the accuracy and /or completeness of the solicitation documents upon which it relied in making its bids, and has an affirmative obligation to notify the Procurement Specialist immediately upon discovery of an apparent or suspected inaccuracies, errors, or omissions.

1.3 Procurement Schedule

AlexRenew anticipates conducting the Procurement in accordance with the list of milestones outlined in Table 1 below. These milestones are subject to revision, and AlexRenew, at its sole discretion, reserves the right to modify the milestones as it finds necessary.

Table 1. Procurement Schedule

Date and Time	Activity
August 13, 2026	Issue ITB
August 25, 2026 10:00 AM to 12:00PM ET	Mandatory Pre-bid Meeting and Site Tour
September 3, 2026 by 2:00 PM ET	Deadline to Submit Questions
September 9, 2026	Last Day for AlexRenew to Issue Addenda
September 15, 2026 by 2:00 PM ET	Bids Due
October 2026	Notice of Award

1.4 Bidder's Minimum Qualifications

Bidders must demonstrate that they have the resources and capability to provide the materials and services as described herein. All Bidders must submit the documentation indicated below with their bids. Failure to provide any of the required documentation shall be the cause for the bids to be deemed non-responsible and rejected.

The following criteria shall be met in order to be eligible for this contract:

1. Bidders shall have at least five (5) years of experience performing industrial-grade preventive maintenance, corrective maintenance and repairs, installation and integration of switchgears, transformers and ductbanks.
 - a. Bidders shall have a valid Contractor's license from the Commonwealth of Virginia.
 - b. Possession of International Electrical Testing Association (NETA) and/or National Institution for Certification in Engineering Technologies (NICET) certification and/or accreditation.
2. All proposed master electricians, licensed electricians, journeymen, electrician helpers and foremen must have demonstrated experience with high voltage (at least 4000 volts, 4160 AC).

1.5 Contact Information

All questions relating to this solicitation shall be submitted via email to AlexRenew's Point of Contact, LaChelle Elliott, Procurement Specialist at purchasing@alexrenew.com. The subject line of the email must state the following: **ITB-27-001 Switchgear Inspection, Testing, and Repair Services Questions.**

Questions should be succinct and must include the submitter's name, title, company name, and telephone number. Prior to the award of a contract resulting from this solicitation, bidders are prohibited from contacting AlexRenew staff other than the Purchasing Specialist, LaChelle Elliott.

No questions will be considered if they are submitted after the date identified in Table 1.

If any questions or responses require revisions to this solicitation as it was originally published, such revisions will be by formal addendum only. Bidders are cautioned that any written, electronic, or oral representations made by any AlexRenew representative or other person that appear to change materially any portion of the solicitation shall not be relied upon unless subsequently ratified by a written addendum to this solicitation posted on AlexRenew website.

1.6 Competition Intended

This solicitation was issued using the Competitive Sealed Bidding procurement process as defined and authorized in the Virginia Public Procurement Act (VPPA) § 2.2-4302.1. The Contract(s) resulting

from this solicitation shall be subject to the terms and conditions as set forth herein, or elsewhere in AlexRenew and Commonwealth of Virginia rules and regulations.

It is AlexRenew's intent that this ITB permits competition. It shall be the Bidder's responsibility to advise the Procurement Specialist in writing if any language, requirement, specification, etc. or any combination thereof, inadvertently restricts or limits the requirements stated in this ITB to a single source. Such notification must be received by Procurement Specialist no later than fifteen (15) days prior to the date set for acceptance of bids.

1.7 Bid Form Submission

All bids shall be submitted through eVA (eVA.Virginia.Gov/) Supplier Portal. Bid responses shall conform to instructions in this document. The required Bid Form provided in the solicitation must be fully completed and signed by a person authorized to make legally binding commitments on behalf of the bidder. Wet ink and electronic signatures are accepted. A bidder's failure to submit a bid with a fully completed Bid Form, using the Bid Form provided in this solicitation, shall be cause for rejection of that bidder's bid.

Modification of or additions to the Bid Form may be cause for rejection of the bid; however, AlexRenew reserves the right to decide, on a case by case basis, in its sole discretion, whether or not to reject such a bid as nonresponsive. As a precondition to bid acceptance, AlexRenew may, in its sole discretion, request that the bidder withdraw or modify any such modifications or additions which do not affect quality, quantity, price, or delivery.

Bids and all documents related to this solicitation submitted to AlexRenew by a bidder or a prospective bidder shall, upon receipt by AlexRenew, become the property of AlexRenew.

Submission of a signed Bid Form is certification by the respective bidder that it read the solicitation documents carefully and fully intent to comply with all the requirements stated in the solicitation or by law. Bidders further certify that it will accept an award made to it as result of the submission.

1.8 Exceptions

Bidders taking exception to any part or section or term of this solicitation, including, by way of illustration and not limitation, the Scope of Work/Specifications, the special conditions, and any attachments or references hereto or thereto, shall indicate such exceptions on the Bid Form. Failure to indicate any exceptions shall be interpreted as the bidder's intent to fully comply with the solicitation as written. However, conditional or qualified bids with such exceptions, unless specifically allowed in this solicitation, are subject to rejection in whole or in part as nonresponsive.

1.9 Nonconforming Terms and Conditions

If a bidder submits with its bid alternate terms and conditions that do not conform to the terms and conditions in this solicitation, the bid will be subject to rejection for unresponsiveness. AlexRenew reserves the right to permit the bidder to withdraw nonconforming terms and conditions from its bid prior to a determination by AlexRenew of unresponsiveness as a result of the submission of nonconforming terms and conditions. Bidders are advised to submit any alternate terms and conditions prior to the question deadline. If AlexRenew finds proposed modifications acceptable, those modifications will be incorporated in a solicitation Addendum.

1.10 Alternate Bid

Bidders who have other items they wish to offer in lieu of, or in addition to, what is required by this solicitation shall submit a separate bid clearly marked "Alternate Bid". Alternate bids will be automatically deemed nonresponsive and will not be considered for award. Such bids will, however, be examined prior to awarding the contract contemplating herein and may result in either cancellation of all bids in order to permit rewriting of the solicitation to include the alternate item in a rebid or the

alternate item may be considered for future requirements.

1.11 Informalities

AlexRenew reserves the right to waive minor defects or variations from the exact requirements of the solicitation in a bid insofar as those defects or variations do not affect the price, quality, or delivery schedule of the services being procured. If insufficient information is submitted for AlexRenew to properly evaluate the bid by a bidder; AlexRenew reserves the right to require such additional information as it may deem necessary to after the bid opening time and date, provided that the information requested does not change the price, quality, quantity, or delivery schedule for the goods and or services being procured.

1.12 Unbalanced and Conditional Bids

“Unbalanced bid” is a bid which includes a number of items or alternates to be added or deleted for which a bidder quotes higher prices on items expected to be ordered in higher quantities than those used for bid evaluation, and/or low prices on items the bidder believes will be ordered in smaller quantities.

“Mathematically unbalanced bid” is a bid in which each item does not carry its share or proportion of the cost of work plus profit, or one in which there are nominal prices for some work and higher prices for other work.

Bidders are cautioned not to unbalance their bids. AlexRenew reserves the right to reject any bid that is decisively unbalanced.

1.13 Discounts

Discounts contingent on payment of invoices by AlexRenew within a stipulated period of time will be accepted as a component of a bid, but will not be considered by AlexRenew when evaluating bid prices or when making an award.

1.14 Expenses Incurred in Preparing Bid

AlexRenew accepts no responsibility for any expense incurred by any bidder in the preparation and presentation of a bid. All expenses related to a bid are the sole responsibility of the bidder.

1.15 Site Investigation and Conditions Affecting the Work

1. Each bidder acknowledges by submitting a bid that it has taken steps reasonably necessary to ascertain the nature and locations of the work of the solicitation, and that it has investigated and satisfied itself as to the general and local conditions and factors which can affect the work or its cost, including but not limited to:
 - a. Conditions bearing upon transportation, disposal, handling, and storage of materials;
 - b. The availability of labor, water, electric power, and roads;
 - c. Uncertainties of weather, floods, or similar physical conditions at the site;
 - d. The conformation and conditions of the ground; and
 - e. The character of equipment and facilities needed before and during work performance.
2. Each bidder also acknowledges that it has satisfied itself as to the character, quality, and quantity of surface and subsurface materials or obstacles to be encountered insofar as this information is reasonably ascertainable from an inspection of the site, including all exploratory work publicly or otherwise available, as well as from the drawings and specifications made a part of this solicitation. Any failure of a bidder to take the actions described and acknowledged in this paragraph will not relieve the bidder from

responsibility for estimating properly the difficulty and cost of successfully performing the work without additional expense to AlexRenew.

3. The locations of existing utilities, including underground utilities, which may affect the work, are indicated on the drawings or in the specifications insofar as their existence and location were known at the time of preparation of the drawings. However, nothing in these drawings or specifications shall be construed as a guarantee that such utilities are in the location indicated or that they actually exist, or that other utilities are not within the area of operations. The bidder shall make all necessary investigations to determine the existence and locations of such utilities. The bidder will be held responsible for any damage to and maintenance and protection of existing utilities and structures, of both public and private ownership. However, if it is determined that such existing utility lines or structures require relocation or reconstruction or any other work beyond normal protection or as called for in the Contract Documents, then such additional work will be ordered under the terms of the clause entitled "Changes in Work."
4. AlexRenew assumes no responsibility for any conclusions or interpretations made by the bidder based on the information made available by AlexRenew. AlexRenew assumes no responsibility for any understanding reached or representation made concerning conditions which can affect the work by any of its officers or agents before the execution of the contract, unless that understanding or representation is expressly stated in the Contract.

1.16 Qualification of Bidders

Each bidder may be required, before the award of contract, to show to the complete satisfaction of the Procurement Specialist that it has the necessary facilities, ability, and financial resources to comply with the contract and furnish the service, material, or goods specified herein in a satisfactory manner. Each bidder may also be required to provide past history and references which will enable the Procurement Specialist to be satisfied as to the bidder's qualifications. Failure to qualify according to the foregoing requirements will justify bid rejection by AlexRenew.

1.17 Debarment Status

The bidder shall indicate, in the space provided on the Bid Form, whether or not it, or any of its principals, is/are currently debarred from submitting bids to AlexRenew or any other state or political subdivision, and whether or not it is an agent of any person or entity that is currently debarred from submitting bids to AlexRenew, or any other state or political subdivision. An affirmative response may be considered grounds for rejection of the bid.

1.18 New Material

Unless otherwise provided for in this solicitation, the bidder represents and warrants that the goods, materials, supplies, or components offered to AlexRenew under this solicitation and any resulting contract are new, not used or reconditioned, and are not of such age or deterioration as to impair their usefulness or safety, and that the goods, materials, supplies, or components offered are current production models of the respective manufacturer. If the bidder believes that furnishing used or reconditioned goods, materials, supplies or components will be in AlexRenew 's interest, the bidder shall notify AlexRenew in writing prior to question deadline indicated above. The notice shall include the reasons for the request and any benefits which may accrue to AlexRenew if AlexRenew authorizes the bidding of used or reconditioned goods, materials, supplies or components.

1.19 Trade Secrets or Proprietary Information

Trade secrets or proprietary information submitted by a bidder or contractor in connection with this procurement transaction pursuant to VA Code §2.2-4342(F) may be exempted from public disclosure

under the Virginia Freedom of Information Act ("VFOIA"). However, the bidder must invoke the protection of this subsection prior to submission of the data or other materials, and must identify clearly and in writing, in the spaces provided on the Bids Form, the data or other materials sought to be protected and the reasons why such protection is necessary or falls within the exceptions to the VFOIA. It is the bidder's sole responsibility to defend such exemptions if challenged in a court of competent jurisdiction.

1.20 City of Alexandria Business License

Bidders must comply with the City of Alexandria business license requirements, if applicable. Please refer to <https://www.alexandriava.gov/finance/info/default.aspx?id=1838>.

1.21 Authority to Transact Business

Any bidder organized as a stock or non-stock corporation, limited liability company, business trust, or limited partnership or registered as a limited liability partnership shall be authorized to transact business in the Commonwealth of Virginia as a domestic or foreign business entity if so required by Title 13.1 or Title 50 of the Code of Virginia, or as otherwise required by law. The proper and full legal name of the firm or entity and the identification number issued to the bidder by the Virginia State Corporation Commission must be written in the space provided on the Bids Form. Any bidder that is not required to be authorized to transact business in the Commonwealth shall include in its bids a statement describing why the bidder is not required to be so authorized. AlexRenew may require a firm to provide documentation prior to award which: 1) clearly identifies the complete name and legal form of the firm or entity (i.e. corporation, limited partnership, etc.), and 2) establishes that the firm or entity is authorized by the State Corporation Commission to transact business in Virginia. Failure of a prospective and/or successful bidder to provide such documentation shall be grounds for rejection of the bids or cancellation of the award. For further information refer to the Commonwealth of Virginia State Corporation Commission website at: www.scc.virginia.gov.

1.22 Withdrawal of Bids Prior to Bid Opening

No bid may be withdrawn after it is filed with AlexRenew unless the bidder makes a request in writing to AlexRenew prior to the time set for the opening of Bids.

1.23 Withdrawal of Bid from Consideration after Bid Opening

After the opening of a bid, a bidder may withdraw its bid from consideration if the price of the bid is substantially lower than other bids due solely to a mistake therein, provided the bid is submitted in good faith, the mistake is a clerical mistake as opposed to a judgment mistake, and is actually due to an unintentional arithmetic error or an unintentional omission of a quantity of work, labor or material made directly in the compilation of the bid, which unintentional error or unintentional omission can be clearly shown by objective evidence drawn from inspection of original work papers, documents and materials used in the preparation of the bid sought to be withdrawn. No partial withdrawals of bids will be permitted after the time and date set for bid opening. The bidder must give notice in writing to AlexRenew of a claim of right to withdraw a bid and provide all original work papers, documents and other materials used in the preparation of the bid sought to be withdrawn, within two (2) business days after the date of bid opening. A bid may also be withdrawn if AlexRenew fails to award or issue a notice of intent to award the bid within ninety (90) days after the date fixed for opening bids.

1.24 Interest in More than One Bid and Collusion

Multiple bids received in response to this solicitation from an individual, firm, partnership, corporation, affiliate, or association under the same or different names will be rejected. Reasonable grounds for believing that a bidder is interested in more than one (1) bid for a solicitation both as a bidder and as a subcontractor for another bidder will result in rejection of all bids in which the bidder is interested. However, a firm acting only as a subcontractor may be included as a subcontractor for two (2) or more

bidders submitting a bid for the work. Any or all bids may be rejected if reasonable grounds exist for believing that collusion exists among any bidders. Bidders rejected under the above provisions shall be disqualified if they respond to a re-solicitation for the same work.

1.25 Contract Award in the Best Interest of AlexRenew

AlexRenew reserves the right to accept or reject bids, waive informalities or irregularities therein and to contract as the best interest of AlexRenew may require in order to retain the firm that best meets the needs of AlexRenew, as expressed in this ITB. Selection of a bid does not mean that all aspects of the bids are acceptable to AlexRenew. AlexRenew reserves the right to negotiate the modification of terms and conditions with the bidders offering the best value to AlexRenew in conjunction with the evaluation criteria contained herein prior to the execution of a contract, to ensure a satisfactory contract.

1.26 Method of Award

AlexRenew will make the award for this solicitation to the lowest responsive and responsible bidder meeting minimum qualification requirements. The lowest bidder will be determined by the Grand Total Bid Price as calculated in the Attachment A "Pricing Sheet": ***Grand Total= 1 X (Subtotal A1) + 50 X (Subtotal B1) + 5 X (Subtotal B2).***

1.27 Notice of Decision to Award

When AlexRenew has made a decision to award the contract(s), the result of such decision will be posted on AlexRenew website.

1.28 Condition of the Rider Clause

The successful bidder has the option to extend any contract resulting from this solicitation to all or some of the member jurisdictions of the Mid-Atlantic Purchasing Team (MAPT).

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2. SCOPE OF WORK/SPECIFICATIONS

All Bids must be made on the basis of, and either meet or exceed, the requirements contained herein. The successful Bidder, after receiving the Notice of award from AlexRenew, is referred to as Contractor hereunder.

2.1 Equipment List and Locations

The equipment is located at the following locations:

- AlexRenew Water Resource Recovery Facility (WRRF) 1500 Eisenhower Ave, Alexandria, VA 22314
- AlexRenew Environmental Center (EC) 1800 Limerick St, Alexandria VA 22314
- Detailed list of equipment to be serviced under this contract is provided in Attachment A Pricing Sheet". AlexRenew reserve right to add and remove equipment to the contract at the same unit prices as comparable equipment in the Contractor's bid.

2.2 Tasks to be Performed:

At the minimum the Contractor shall:

1. Provide labor, equipment, parts, consumables, and all things necessary to perform preventive and corrective maintenance in accordance with applicable laws, regulations, and manufacturer's requirements.
2. Project Management:
 - a. Kick-off Meeting
 - i. The Contractor's personnel assigned under this contract, shall participate in a kick-off meeting to discuss the nuances of working with AlexRenew, safety and security requirements, coordination issues, communication protocols, work schedule, etc.
 - ii. At least one week prior to the meeting, the Contractor shall submit:
 1. Site specific safety plan
 2. Schedule for all preventative maintenance schedule in critical path method form. This schedule shall clearly identify times when equipment will be unavailable.
 3. Emergency contact listing
 4. Company's QA/QC program
 5. Site specific lock out/tag out program
 - iii. At AlexRenew's discretion, this meeting may be repeated on an annual basis for each renewal.
 - b. Progress meetings: At AlexRenew's discretion progress meeting for ongoing tasks may be held. These meetings will review schedules, upcoming coordination issues, payment applications, etc.
 - c. If work is expected to or do deviate from the approved schedule, the Contractor shall inform AlexRenew and provide a revised schedule for approval. Reasons for deviations from the approved schedule must be reviewed and approved by AlexRenew.

3. The Contractor shall update the AlexRenew Electrical Supervisor daily on the status of completed and outstanding work.
4. The Contractor shall be responsible for Quality Assurance and Quality Control (QA/QC) work performed under this Contract, including work performed by subcontractors.
5. Prepare and submit invoices upon PM completion. Each invoice should be accompanied by a detailed PM report for the invoiced work. (See items C.21, D.7 and E.4)
6. The work shall be approved each day by AlexRenew Staff. The Contractor shall check in daily for work and shall be escorted to the jobsite by AlexRenew staff.
7. The Contractor shall report faulty or unsafe equipment shall to AlexRenew staff immediately faulty or unsafe equipment shall be reported to AlexRenew staff immediately. AlexRenew will then make the decision on how to proceed with the repairs.
8. Contractors shall provide lock out / tag out equipment To their employees
9. Contractor shall follow all of AlexRenew safety policies and procedures which will be provided during the Kick-Off meeting.
10. The Contractor shall check in daily for work and shall be escorted to the jobsite by AlexRenew staff.
11. As a part of the annual preventative maintenance service, the Contractor may find minor items that require correction. An allowance of \$5,000 has been established to address these issues. If minor items are found during the preventative maintenance inspections, the Contractor is to provide in written form to the AlexRenew Project Manager the costs (labor and material) of the correction. Once the AlexRenew Project Manager provides written approval of the costs, the work can proceed and be billed against the allowance line item. The invoice shall include the Contract Manger's written approval and cost estimate.
12. The Contractor shall also provide written estimate for any corrective maintenance detected for which the total estimate would exceed \$5,000. Once approved in writing by the Contract Manger, the Contractor shall proceed with the work.

2.3 Primary Injection Testing Services

1. Primary injection (480V/100A) testing services for all equipment as applicable during the first year of the contract period. The second round of such test shall be performed on the 3rd year of the contract period, for total of two (2) primary injection testing during the contract period.

2.4 Preventive Maintenance of Switchgear and Breakers (Annually):

At the minimum the Contractor shall:

1. Inspect physical, electrical and mechanical condition including evidence of moisture or corona.
2. Perform an ultrasonic leak and corona test on all connections using an industry standard detector. The brand and model of the detector must be approved by AlexRenew.
3. Inspect anchorage, alignment, grounding, and required area clearances.

4. Clean transformers and check stress cones.
5. Verify that fuse and/or circuit breaker sizes and types correspond to drawings and coordination study as well as to the circuit breakers' address for microprocessor-communication packages.
6. Perform an infrared inspection on bolted electrical connections for high resistance.
7. Confirm correct operation and sequencing of electrical and mechanical interlock systems.
8. Use appropriate lubrication on moving current-carrying parts and on moving and sliding surfaces.
9. Verify correct barrier and shutter installation and operation.
10. Exercise all active components.
11. Inspect mechanical indicating devices for correct operation.
12. Verify that filters are in place and/or vents are clear.
13. Perform visual and mechanical inspection of instrument transformers.
14. Inspect control power transformers for physical damage, cracked insulation, broken leads, and tightness of connections, defective wiring, and overall general condition.
15. Verify that primary and secondary fuse ratings or that circuit breakers match drawings.
16. Verify correct functioning of draw out disconnecting and grounding Contacts and interlocks perform as-left tests.
17. Verify proper functionality of power monitors.
18. Electrical testing will include:
 - a. Resistance measurements.
 - b. Insulation-resistance tests on each bus section, phase-to-phase and phase-to-ground.
 - c. Over potential test on each bus section and each phase-to-ground.
 - d. Insulation-resistance tests on control wiring with respect to ground.
 - e. Verify control circuit fuses on SS1 and SS2 Switchgears.
 - f. Ground-resistance tests.
 - g. Verify correct function of control relays.
 - h. Verify operation of switchgear bus duct heaters and their controller system function tests.
19. Perform primary and secondary injection testing
20. Perform thermography tests where applicable.
21. Provide a comprehensive switchgear PM report detailing the results of the PM Service within three (3) weeks of completion of the services. The report shall include pictures, results of all testing and a comprehensive listing and description of all recommended corrective actions. Pricing including materials and labor for the corrective actions should be included. The report shall be submitted in a .pdf version directly to the AlexRenew Project Manager.

2.5 Preventive Maintenance of Transformer (Annually):

At the minimum the Contractor shall:

1. Check for acidity and sludge of oil.
2. Check relays alarms, meters and circuits.
3. Check oil resistivity.
4. Check flash point of O11.
5. Check earthling measurements.
6. Check water content of oil.
7. Provide a comprehensive transformer PM report detailing the results of the PM Service within three (3) weeks of completion of the services. The report shall include pictures, results of all testing and a comprehensive listing and description of all recommended corrective actions. Pricing including materials and labor for the corrective actions should be included. The report shall be submitted in a .pdf version directly to the AlexRenew Project Manager.

2.6 Preventive Maintenance of Bus Ducts (Annually):

At the minimum the Contractor shall:

1. Check all mounting points for proper installation.
2. Check for any hot spots possibly using infrared technology.
3. Upon Inspection of bus duct with infrared technology, all connection anomalies found with respect to connections need to be corrected.
4. Provide a comprehensive bus duct PM report detailing the results of the PM Service. The report shall be submitted in a .pdf version directly to the AlexRenew Project Manager.

2.5 Emergency and On-call Repair Services

1. For all work classified by AlexRenew as non-emergency:
 - a. The Contractor shall provide a written estimate of the cost (including all parts and labor) and critical path method schedule complete the repairs.
 - b. The Contractor shall respond onsite within seven (7) days of receipt of Notice to Proceed.
 - c. Payment will not be made for any work that has not been properly authorized through issuance of Notice to Proceed
2. For all work classified by AlexRenew as emergency:
 - a. The Contractor shall provide a written estimate of the cost (including all parts and labor) and time to complete the repairs.
 - b. The Contractor shall respond onsite within two (2) hours of receipt of calls for repairs classified by AlexRenew as emergency.
3. The Contractor shall repair those equipment that are damaged due to the negligence of the Contractor or his failure to perform timely PM services, at no additional cost to AlexRenew.
4. Repair services shall be provided on a time and material basis, in accordance with the Contract Rates. AlexRenew will reimburse the Contractor, on completion and

acceptance of each equipment. The Contractor shall only invoice AlexRenew for those parts that were replaced. At the request of AlexRenew, the Contractor shall furnish the parts removed from AlexRenew's equipment.

5. Parts used for repairs shall be invoiced at the Contract's discount rate. The Contractor shall provide originals or certified copies of invoices issued by its supplier(s) detailing the materials used on the assigned job.
6. The Contractor shall provide Original Equipment Manufacturer (OEM) parts and services.
7. The percentage discount bid must be a single percentage discount applicable to all parts and components. The percentage discount shall remain firm for the duration of the Contract. Bidders shall provide a copy of the Manufacturer's price list with their bid. Further, the Contractor shall provide a copy of updated Manufacturer's price list each time a new price list is published.
8. Parts are purchased free on board (F.O.B.) Destination, freight prepaid to AlexRenew, located at 1800 Limerick Street, Alexandria, VA 22314. All costs for handling and transportation charges to the designated point of delivery shall be borne by the Contractor. The Contractor shall include shipping and handling charges for the OEM parts and components in their written estimates.
9. Time is of essence, as such AlexRenew require OEM parts and components to be delivered no later than seven (7) days following placement of order. Bidder having different timeframe, shall disclose it in the space provided in the Bid Form.
10. The Contractor shall check in daily for work and shall be escorted to the jobsite by AlexRenew staff.

2.6 Protection of Work, Property and Persons:

1. The Contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the work.
2. The Contractor shall take all necessary precautions for the safety of, and will provide the necessary protection to prevent damage, injury or loss to all employees on the site, AlexRenew employees working within the facility and other persons who may be affected thereby, all the work and all materials or equipment to be incorporated therein, whether in storage on or off the site, and other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of project area.
3. The Contractor shall document existing conditions near the work and call the attention of AlexRenew Project Manager to previously damaged areas or questionable conditions. Normal use and operation of the facility shall be maintained continuously throughout the project.
4. The Contractor shall comply with all applicable laws, ordinances, rules, regulations and orders of any public body having jurisdiction.
5. The Contractor shall erect and maintain as required by, the conditions and progress of the work, all necessary safeguards for safety and protection.
6. The Contractor shall notify the owners of adjacent utilities when the progress of the work may affect them.
7. The Contractor shall remedy, all damage, injury or loss to any property, caused directly or indirectly, in whole or in part by, the Contractor, its personnel and or

subcontractors, except damage or loss attributable to the acts or omissions of AlexRenew.

8. In emergencies affecting the safety of persons or the work or property at the site or adjacent thereto, the Contractor, without special instruction or authorization from the AlexRenew shall act to prevent damage, injury or loss.
9. The Contractor shall give AlexRenew prompt written notice of any significant changes or deviations in the work and a change order may thereupon be issued covering the changes and deviations involved.

2.7 Supervision by Contractor and safety requirements:

1. The Contractors' employees shall wear ANSI approved hard hats, safety shoes, vests, etc. Hard hats and safety vests must have the contractor's logo prominently displayed. All employees must carry photo identification issued by the Contractor which includes full name and contractor's name.
2. All equipment used in performance of this Contract shall be equipped with factory safeguards or safety modifications meeting OSHA requirements.
3. Protective gear such as hard hats, gloves, safety glasses and safety shoes shall be worn at all times. Front-end loaders shall be equipped with Roll-over Protection System (ROPS) cab. Safety practices shall be in conformance with applicable local, state and federal regulations.
4. The Contractor shall supervise and direct the work, and will be solely responsible for the means, methods, techniques, and procedures of work.
5. The Contractor shall employ and maintain in the work a qualified supervisor or superintendent who shall have been designated by the Contractor as the Contractor's representative at the site. The supervisor shall have full authority to act on behalf of the Contractor and all communications given to the supervisor shall be as binding as if given to the Contractor. The supervisor shall be present on the site at all times as required to perform adequate supervision and coordination of the work.

2.8 Condition Assessment and Asset Health Report

As part of the annual preventive maintenance service, the Contractor shall provide to AlexRenew a condition assessment for each asset inspected. The assessment shall include:

1. Asset Condition Score (1-5): 1 = Excellent, 2 = Good, 3 = Fair, 4 = Poor, 5 = Critical.
2. Reliability Risk Ranking: Low, Medium, High, or Critical.
3. Estimated Remaining Useful Life.
4. Identification of deficiencies including safety concerns, compliance concerns, reliability concerns, and obsolescence concerns.
5. Recommended corrective actions prioritized as: Immediate Action Required, Correct within 30 days, Correct within 90 days, or Monitor Condition.
6. Capital replacement recommendations for equipment approaching end of useful life.
7. Trend comparison against previous inspections where historical data exists.
8. The report shall be submitted in PDF and Excel format and contain a summary dashboard identifying all High and Critical risk assets.

2.9 Permitted Hours Of Performance

1. Services under this Contract shall be performed on Mondays through Fridays between 6:00 a.m. and 2:00 p.m., unless requested by AlexRenew. At the end of each work day, all equipment must be available for service.
2. If it becomes necessary to perform certain tasks outside of permitted working hours, or on weekends or holidays, Contractor shall notify AlexRenew at least seventy-two (72) hours in advance.
3. AlexRenew reserves the right to inspect worksite to ensure the Contractor's compliance with the requirements of the Contract.

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3. CONTRACT TERMS AND CONDITIONS

This Contract is by and between the City of Alexandria, Virginia Sanitation Authority d/b/a AlexRenew (Owner) and **[Contractor Company Name]** (Contractor). This Contract sets forth the terms and conditions that govern the relationships and performance of Owner and Contractor with respect to the Contract. Owner and Contractor hereby agree as follows:

ARTICLE 1 CONTRACT DOCUMENTS

- A. This Contract, together with the Exhibits identified constitutes the entire contract between the Contractor and Owner and supersedes all prior written or oral understandings. This Contract may only be amended, supplemented, or modified by a duly executed written instrument.
- B. The following exhibits are included and incorporated into the Contract; collectively, with the Contract, they comprise the "Contract Documents":
 - Exhibit A - Scope of Service, Specifications, and Terms and Conditions of this Invitation to Bid;
 - Exhibit B – Bid Form and Pricing Sheet of the successful Bidder (hereinafter "Contractor"),
 - Exhibit C - Notice of Award executed by AlexRenew,
 - Exhibit E – Purchase Orders issued by Owner to encumber the funds for expenditures under this Contract (POs).
- A. Where the terms and provisions of this Contract vary from the terms and provisions of the Exhibits or other Contract Documents, the terms and provisions of this Contract shall prevail over other Contract Documents.
- B. Owner and the Contractor agree that no representative or agent of either of them has made any representation or promise with respect to this Contract which is not contained in the Contract Documents, and all the terms and conditions with respect to this Contract are expressly contained herein.

ARTICLE 2 CONTRACT TERM

- A. The Contract is effective, as of the Effective Date and, unless terminated as provided for in this Contract, shall continue for one (1) year from the Effective Date of the Contract ("Initial Term").
- B. The parties may extend or renew this Contract, with or without changes, by Amendment establishing a new term for four (4) additional one (1) year terms ("Subsequent Terms"). The Initial Term and any Subsequent Term(s) are together the "Contract Term".

ARTICLE 3 PAYMENT

- A. AlexRenew will pay the in accordance with the prices shown in Attachment C and the terms of Payment paragraph for the Contractor's completion of the Work described and required in the Contract Documents for the Contract Period, subject to the terms and conditions of the Contract and provided the Work is performed to the satisfaction and is accepted by the Contract Manager.
- B. The Contractor agrees that it shall complete the Work for the total Contract Amount specified in this section unless such amount is modified as provided for in this Contract. The Contract Amount includes all of Contractor's costs and fees (profit).

ARTICLE 4 CONTRACT PRICE ADJUSTMENTS

- A. The Contract Amount, and unit price(s), detailed in Attachment B, will remain firm until 10/1/2027 ("Price Adjustment Date"). To request a price adjustment, the Contractor must submit a written request to the Contract Manager not less than sixty (60) days before the Price Adjustment Date. Adjustments to the Contract Amount, and unit price(s), will not exceed the percentage of change in the U.S. Department of Labor Consumer Price Index, All Items, Unadjusted, Urban Areas ("CPI-U") for the 12-month period ending September of each year of the Contract.

- B. Any Contract Amount and unit price(s) adjustments that result from this provision will become effective the day after the Price Adjustment Date and will be binding for the subsequent twelve (12) month period.
- C. If the Parties have not agreed to a requested price adjustment at least thirty (30) days prior to the Price Adjustment Date, AlexRenew may terminate the Contract, whether or not Owner has previously elected to extend the Contract's term.

ARTICLE 5 INVOICING

- A. The Contractor shall submit invoices to Owner on a monthly basis by the 15th day of each month. Invoices are due and payable within 30 days of receipt of a correct and complete invoice, which includes at a minimum all applicable information described in this Contract.
- B. Owner shall not be required to make any payment to Contractor until Contractor has provided Owner with its federal employer identification number.
- C. Invoices shall be submitted via email to invoicing@alexrenew.com. The Contractor shall submit invoices and supporting documents in form and substance satisfactory to the Owner that provide, but are not limited to the following:
 - 1. Dates/periods the invoice covers, contract number and relevant purchase order number;
 - 2. Summary of scope performed by each employee including the employee's name, hourly rate, and hours worked; and
 - 3. Documentation of expenses.
- D. If Owner disputes an invoice, either as to amount or entitlement, then Owner shall advise Contractor in writing of the specific basis for doing so within 15 days after receipt of such invoice. The Owner may withhold only that portion so disputed; and must pay the undisputed portion. After a disputed item has been resolved, the Contractor shall submit a new invoice with the agreed upon amount.
- E. Any terms included on Contractor's invoice shall have no force or effect and will in no way bind Owner.
- F. Prepare and submit invoices upon PM completion. Each invoice should be accompanied by a detailed PM report for the invoiced work. (See items C.21, D.7 and E.4)

ARTICLE 6 TRANSITION OF SERVICES

- A. Not Used.

ARTICLE 7 CONTRACT KICK-OFF MEETING

- A. Within seven (7) days of Contract award, the Contractor may be required to attend a contract orientation meeting, along with Owner Contract Manager and any other significant stakeholders who have a part in the successful performance of this Contract. The purpose of this meeting will be to review all contractual obligations for both parties, all administrative and reporting requirements, and to discuss any other relationship, responsibility, communication and performance criteria set forth in the Contract. The time and location of this meeting will be coordinated with the Contractor and other meeting participants by the Procurement Manager.

ARTICLE 8 TERMINATION

- A. Owner may terminate this Contract at any time as follows: (1) for cause, if, as determined by Owner, the Contractor is in breach or default or has failed to perform the Work satisfactorily; or (2) for the convenience of Owner.
- B. Upon receipt of a notice of termination and except as otherwise directed, the Contractor shall stop

all work on the date of receipt of the notice of termination or other date specified in the notice; place no further orders or subcontract for materials, services, or facilities except as are necessary for the completion of such portions of not terminated; immediately transfer all documentation and paperwork for the terminated work to Owner; and terminate all subcontracts and settle outstanding liabilities and claims.

- C. In the event any termination for cause, default, or breach shall be found to be improper or invalid by any court of competent jurisdiction then such termination shall be deemed to have been a termination for convenience.
- D. Any purchases that the Contractor make after the notice of termination will be the sole responsibility of the Contractor, unless Owner has approved the purchases in writing as necessary for completion of any portion of the Work that Owner did not terminate.

1. Termination for Cause, Including Breach and Default; Cure:

- a. Termination for Unsatisfactory Performance: If Owner determines that the Contractor has failed to perform satisfactorily, then Owner will give the Contractor written Notice of such failure/s and opportunity to cure such failure/s at least fifteen (15) days before termination of the Contract takes effect ("Cure Period"). If the Contractor fails to cure within the Cure Period or as otherwise specified in the Notice, the Contract is terminated for the Contractor's failure to provide satisfactory contract performance. Upon such termination, the Contractor may apply for compensation for Contract services satisfactorily performed by the Contractor and allocable to the Contract and accepted by Owner prior to such termination unless otherwise barred by the Contract ("Termination Costs"). Such request for Termination Costs, with supporting documentation, must be submitted to Owner within fifteen (15) days after the expiration of the Cure period. Owner may accept, or reject, in whole or in part, the application for Termination Costs and notify the Contractor of same within reasonable time thereafter.

In the event of termination by Owner for failure to perform satisfactorily, the Contractor must continue to provide its services as previously scheduled through the termination date, Owner will continue to pay all fees and charges incurred through the termination date.

- b. Termination for Breach or Defaults: If Owner terminates the Contract for default or breach of any Contract provision or condition, then the termination shall be immediate after Notice from Owner to the Contractor (unless Owner in its discretion provides for an opportunity to cure) and the Contractor shall not be permitted to seek Termination Costs.

Upon any termination pursuant to this section, the Contractor shall be liable to Owner for all cost incurred by Owner after the effective date of termination including costs required to be expended by Owner to complete the Work covered by the Contract, including costs of delay in completing the Project or the cost of repairing or correcting any unsatisfactory or noncompliant work. Such costs shall be either subtracted from any amount due to the Contractor or shall be promptly paid by the Contractor to Owner upon demand by Owner. Additionally, and notwithstanding any provision in this Contract to the contrary, the Contractor is liable to Owner (and Owner shall be entitled to recover) all damages to which Owner is entitled by this Contract or by law, including and without limitation, direct damage, consequential damages, delay damages, replacement costs, refund of all sums paid by Owner to the contractor under the contract and all attorney fees and costs incurred by Owner to enforce the provision of this Contract.

Except as otherwise directed by Owner, the Contractor shall stop Work on the date of receipt of Notice of the termination or other date specified in the Notice, place no further orders or subcontracts for materials, services, or facilities except as are necessary for

the completion of such portion of the Work not terminated, and terminate all Contractors and subcontracts and settle all outstanding liabilities and claims.

2. Termination for Convenience: Owner may terminate this Contract in whole or in part whenever the Procurement Manager determines that termination is in Owner's best interest. Owner will give the Contractor at least fifteen (15) days' notice in writing. The notice must specify the extent to which the Contract is terminated and the effective termination date. The Contractor will be entitled to Termination Costs, as defined above, plus any other reasonable amounts that the parties might negotiate; but no amount will be allowed for the anticipatory profits.

Except as otherwise directed by Owner, the Contractor must stop work on the date of receipt of the notice of the termination.

ARTICLE 9 FORCE MAJEURE

- A. Neither party will be held responsible for failure to perform the duties and responsibilities imposed by this Contract if such failure is due to a fire, riot, rebellion, natural disaster, war, acts of terrorism or acts of God that is beyond the control of the party and that makes performance impossible or illegal, unless otherwise specified in the Contract.

ARTICLE 10 ESTIMATED QUANTITIES/NON-EXCLUSIVITY OF CONTRACTOR

- A. Not used

ARTICLE 11 UNAVAILABILITY OF FUNDS

- A. The obligation of Owner to pay compensation due the Contractor under the Contract or any other payment obligations under any contract awarded pursuant to this Contract is subject to appropriations by Owner's Board of Directors to satisfy payment of such obligations. Owner's obligations to make payments during subsequent fiscal years are dependent upon the same action. If such an appropriation is not made for any fiscal year, the Contract shall terminate effective at the end of the fiscal year for which funds were appropriated and Owner will not be obligated to make any payments under the Contract beyond the amount appropriated for payment obligations under the Contract. Owner will provide the Contractor with written notice of non-appropriation of funds within thirty (30) calendar days after action is completed by Owner's Board of Directors. However, Owner's failure to provide such notice will not extend the Contract into a fiscal year in which sufficient funds have not been appropriated.

ARTICLE 12 PAYMENT OF SUBCONTRACTORS

- A. The Contractor is obligated to take one of the two following actions within seven (7) days after receipt of amounts paid to the Contractor by the Owner for the Work performed by any subcontractor under this Contract:
 1. Pay the subcontractor for the proportionate share of the total payment received from Owner attributable to the Work performed by the subcontractor under this Contract; or
 2. Notify Owner and the subcontractor, in writing of the Contractor's intention to withhold all or a part of the subcontractor's payment with the reason for nonpayment.
- B. The Contractor is obligated to pay interest to the subcontractor on all amounts owed by the Contractor that remain unpaid after seven (7) days following receipt by the Contractor of payment from Owner for Work performed by the subcontractor under this Contract, except for amounts withheld as allowed in b., above. Unless otherwise provided under the terms of this Contract, interest shall accrue at the rate of one percent (1%) per month.
- C. The Contractor shall include in each of its subcontracts a provision requiring each subcontractor to include or otherwise be subject to the same payment and interest requirements with respect to each lower-tier subcontractor.

- D. The Contractor's obligation to pay an interest charge to a subcontractor pursuant to the above provisions may not be construed to be an obligation of Owner. A Contract modification may not include any amount for reimbursement for such interest charge.

ARTICLE 13 INDEMNIFICATION

- A. The Contractor covenants to save, defend, hold harmless and indemnify Owner and its directors, and all its elected and appointed officers, and current and former employees, agents, departments and divisions (collectively, "Owner " for the purpose of this section) from and against any and all claims made by third parties or by Owner for any and all losses, damages, injuries, fines, penalties, costs (including court cost and causes of action and expenses (including reasonable attorney's fees) suffered or incurred by Owner Indemnitees arising out of, or in connection with: (a) any act or omission of the Contractor, its employees, officers, directors, agents, contractors or sub-contractors; (b) Contractor's failure to produce any item it provides to Owner in accordance with any specifications provided by Owner; (c) failure of any product or service to perform in accordance with Contractor's published specifications; or (d) Contractor's failure to provide complete and accurate information regarding any product. The Contractor's duties under this provision will include the duty to obtain the approval of Owner as to the legal counsel selected to defend Owner and to confer with Owner concerning the defense.

ARTICLE 14 ETHICS IN PUBLIC CONTRACTING

- A. This Contract incorporates by reference Owner's Procurement Manual, as well as all state and federal laws related to ethics, conflicts of interest or bribery, including the State and Local Government Conflict of Interests Act (Code of Virginia §2.2-3100 et seq.), the Virginia Governmental Frauds Act (Code of Virginia §18.2-4938 et seq.), and the Virginia Public Procurement Act (Code of Virginia §2.2-4300 et seq.). The Contractor certifies that its proposal was made without collusion or fraud; that it has not offered or received any kickbacks or inducements from any other respondent, contractor, manufacturer or subcontractor; and that it has not conferred on any public employee having official responsibility for this procurement any payment, loan, subscription, advance, deposit of money, services, or anything of more than nominal value, present or promised, unless consideration of substantially equal or greater value was exchanged.

ARTICLE 15 OWNER EMPLOYEES

- A. No Owner employees may share in any part of this Contract or receive any benefits from the Contract that is not available to the general public.

ARTICLE 16 RELATION TO OWNER

- A. The Contractor is an independent contractor, and neither the Contractor nor its employees or subcontractors will be considered employees, servants or agents of Owner. Owner will not be responsible for any negligence or other wrongdoing by the Contractor or its employees, servants or agents. Owner will not withhold payments to the Contractor for any federal or state unemployment taxes, federal or state Income taxes or Social Security tax or for any other benefits. Owner will not provide to the Contractor any Insurance coverage or other benefits, including workers' compensation.

ARTICLE 17 ANTITRUST

- A. The Contractor conveys, sells, assigns and transfers to Owner all rights, title and interest in and to all causes of action under state or federal antitrust laws that the Contractor may have relating to this Contract.

ARTICLE 18 INTELLECTUAL PROPERTY INDEMNIFICATION

- A. Not Used.

ARTICLE 19 COPYRIGHT

A. Not Used.

ARTICLE 20 DATA SECURITY AND PROTECTION

A. Not Used.

ARTICLE 21 RIGHT TO AUDIT

- A. Owner reserves the right to audit those Contractor records that relate to the Contract or any Amendments issued thereunder.
- B. The Contractor shall preserve and maintain adequate copies of books, records, and vouchers in a such manner that they may be audited in progress and upon three (3) years following completion of the contract.

ARTICLE 22 SAFETY

- A. The Contractor must ensure that it and its employees and subcontractors comply with all applicable local, state, and federal policies, regulations, and standards relating to safety and health, including the standards of the Virginia Occupational Safety and Health program of the Department of Labor and Industry for general industry and for the construction industry and the applicable Federal Environmental Protection Agency and Virginia Department of Environmental Quality standards.

ARTICLE 23 CONTRACTUAL DISPUTES

- A. The Contractor shall submit any dispute concerning a question of fact as a result of a Contract with Owner in accordance with Virginia Public Procurement Act ("VPPA") §2.2-4363 et seq. to the Procurement Manager, who shall reduce his or her decision in writing within ninety (90) days following receipt of notification of such dispute. Contractor's notice shall be given in writing within ten (10) days after the occurrence or beginning of the dispute. Contractor's failure to timely submit such claim shall mean that Contractor has waived the claim and has no further right to pursue a remedy for such dispute. If Contractor disagrees with the Procurement Manager's written decision or if the Procurement Manager fails to issue a written decision within the specified ninety (90) days, the Contractor may submit an appeal to the Owner's Chief Executive Officer within ten (10) days of the decision being issued or due if not issued. The Chief Executive Officer shall render a final decision in writing on such claim within sixty (60) days of receipt of the claim. If the Contractor disagrees with the Chief Executive Officer's written decision or if the Chief Executive Officer fails to issue a written decision within the specified ninety (90) days, then the Contractor shall request, in writing and within ten (10) days after the Chief Executive Officer's final decision (or time when the final decision should have been issued, as applicable), that the Owner agree to participate in voluntary, non-binding mediation of the dispute. If so agreed, Owner and Contractor agree to participate in the mediation process in good faith. The process will be conducted on a confidential basis and must be completed within 120 days. Each party shall bear its own costs of mediation and the parties shall split equally the costs and fees charged by the mutually agreeable mediator selected by the parties to conduct the mediation. If the parties fail to resolve the dispute through these processes, then the Contractor may institute legal action as provided in Section 2.2-4364 of the Code of Virginia in the court specified in Article 27, to be heard BY A JUDGE SITTING WITHOUT A JURY, THE PARTIES HEREBY WAIVING THEIR RIGHTS TO A JURY TRIAL.

ARTICLE 24 APPLICABLE LAW; FORUM, VENUE AND JURISDICTION

- A. This Contract Is governed in all respects by the laws of the Commonwealth of Virginia; and the jurisdiction, forum and venue for any litigation concerning the Contract or the Work is in the Circuit Court for City of Alexandria, Virginia, and in no other court.

ARTICLE 25 ASSIGNMENT

- A. This Contract shall be binding upon and shall inure to the benefit of the permitted successors and assigns of Owner and the Contractor. The Contractor may not assign, subcontract, delegate or

otherwise convey this Contract or any of its rights and obligations hereunder, to any entity without the prior written consent of Owner, and any such attempted assignment or subcontracting without consent shall be void. Owner may assign this Contract to any entity, so long as the assignee agrees in writing to be bound by the all the terms and conditions of this Contract. If any law limits the right of Owner or the Contractor to prohibit assignment or nonconsensual assignments, the effective date of the assignment shall be thirty (30) days after the Contractor gives Owner prompt written notice of the assignment, signed by authorized representatives of both the Contractor and the assignee. Any payments made prior to receipt of such notification shall not be covered by this assignment.

ARTICLE 26 INSURANCE REQUIREMENTS

- A. The Contractor agrees to maintain the insurance coverage and endorsements as specified below throughout the Contract Term and submit evidence of such coverage and endorsement on annual basis or on demand by the Procurement Manager.
- B. All required insurance coverages must be acquired from insurers authorized to do business in the Commonwealth of Virginia, with a minimum A.M. Best rating of "A-, VIII", and as acceptable to AlexRenew.
- C. The Contractor shall secure and maintain (and ensure that its subcontractors, if any, secure and maintain) all insurance required by law or this Contract, including but not limited to:
 - a. Worker's Compensation—Virginia Statutory Workers Compensation Policy including employer's liability insurance with limits of at least \$100,000/\$100,000/\$200,000 each accident, disease each employee and disease policy limit.
 - b. Commercial General Liability—\$1,000,000 per occurrence with a \$2,000,000 general aggregate covering all premises and operations and including Personal Injury, Contractual Liability, Completed Operations and Products Liability.
 - c. Automobile Liability—\$1,000,000 Combined Single Limit (Owned, non-owned, and hired).
- D. AlexRenew, and its officers, elected and appointed officials, employees, and agents shall be named as additional insureds on a primary and non-contributory basis on all policies, except for Worker Compensation and Errors & Omissions Liability. With regard to Technology E&O/Cyber/Media Liability, AlexRenew and its officers, elected and appointed officials, employees and agents shall be additional insureds with regard to third-party claims only. All of the above policies shall include a waiver of subrogation in favor of AlexRenew and its officers, elected and appointed officials, employees and agents.

ARTICLE 27 AUTHORITY AND VALIDITY OF SIGNATURES

- E. Each party executing the Contract on behalf of such entity represents that he or she is duly authorized to execute and deliver this Contract on the entity's behalf, including the entity's Board of Directors or Chief Executive Officer. This Contract shall not be effective or binding unless countersigned by the Owner's Chief Executive Officer, or authorized designee, as evidenced by their signature as set forth in this Contract.
- F. This Contract may be executed in one or more counterparts, each of which will be considered an original, but all of which together will constitute one and the same instrument. The parties agree that this Contract, its amendments, and ancillary Contracts to be entered into in connection with this Contract will be considered signed when the signature of a party is delivered by email transmission. Such emailed signature must be treated in all respects as having the same effect as an original signature.

ARTICLE 28 Warranty

1. All equipment and or parts furnished by the Contractor shall carry manufacturer's standard warranty. The Contractor shall deliver to AlexRenew upon completion of all work for any projects resulting from this Contract, the manufacturer's warranty paperwork and Contractor's written guarantee, made out to AlexRenew and in a form satisfactory to AlexRenew, warranting (and he/she does hereby guarantee) all of the work under the Contract to be free from faulty materials in every particular, free from improper workmanship, and against injury from proper and usual wear, and agreeing (and he/she does hereby guarantee) to replace or to re-execute, without cost to the AlexRenew, such work as may be found improper, and to repair all damages caused to the other work or the other work and/or materials, due to such required replacement or re-execution ("Service Warranty").
2. This guarantee shall be made to cover installation and or any repairs work (and does hereby cover) for a period of one (1) year from the date of Acceptance of any work resulting from this Contract.

When defective workmanship and/or materials are discovered requiring repairs to be made under this warranty, all such repair work shall be done by the Contractor at his own expense within FIVE (5) DAYS after written notice of such defect has been given to him by the Owner. Should the Contractor fail to repair or correct such defective workmanship and/or materials within FIVE (5) DAYS after being notified, the Owner may make the necessary repairs and charge the Contractor with the actual cost of all labor and material required.

ARTICLE 29 MISCELLANEOUS PROVISIONS

A. Employment Discrimination by Contractor Prohibited-During the performance of its Work pursuant to this Contract:

1. The Contractor will not discriminate against any employee or applicant for employment because of race, religion, color, sex, national origin, age, disability, or 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 non-discrimination clause.
2. Notices, advertisements and solicitations placed in accordance with federal law, rule or regulation will be deemed sufficient for meeting the requirements of this section.
3. The Contractor will state in all solicitations or advertisements for employees that it places or causes to be placed that such Contractor is an Equal Opportunity Employer.
4. The Contractor will comply with the provisions of the American with Disabilities Act of 1990 ("ADA"), which prohibits discrimination against individuals with disabilities in employment and mandates that disabled individuals be provided access to publicly and privately provided services and activities.

The Contractor must include the provisions of the foregoing paragraphs in every subcontract or purchase order of more than \$10,000 relating to this Contract so that the provisions will be binding upon each subcontractor or Contractor.

B. Notices—Any notice required under this Contract will be in writing and delivered: in person (by commercial courier or otherwise); by registered or certified mail; or by e-mail to the recipient, with the words "Formal Notice" or similar in the e-mail's subject line. All such notices are effective upon the date of receipt.

- C. Survival—Subject to applicable Laws or Regulations, all express representations, waivers, indemnifications, and limitations of liability included in this Contract will survive its completion or termination for any reason.
- D. Severability—Any provision or part of the Contract held to be void or unenforceable under any Laws or Regulations will be deemed stricken, and all remaining provisions will continue to be valid and binding upon Owner and Contractor.
- E. No Waiver—A party's non-enforcement of any provision will not constitute a waiver of that provision, nor will it affect the enforceability of that provision or of the remainder of this Contract.
- F. Key Personnel—All Key Personnel identified in Exhibit A are committed to this Contract for the duration of the Contract, for so long as they remain employed by Contractor. Likewise, if a Key Personnel is identified in an amendment, such individual shall be committed for the remainder of the duration of the Contract, for so long as they remain employed by Contractor. If extraordinary circumstances require a proposed change in Key Personnel under this Contract, it must be submitted in writing to Owner's designated representative. In circumstances where the change is based on a Key Personnel leaving the employ of Contractor, qualifications information shall be provided on one or more proposed substitutes, and Owner's designated representative, at his/her reasonable discretion, will determine who will become the substitute and remain a Key Personnel going forward, and an amendment shall be executed to reflect the approved change. In circumstances where the change concerns a Key Personnel who will remain in the employ of Contractor, information about the basis for the change request and qualifications information for one or more proposed substitutes will be provided and Owner's designated representative, at his/her reasonable discretion, will determine whether to authorize the proposed removal and, if approved, who shall become the substitute and remain a Key Personnel going forward and an amendment shall be executed to reflect the approved change.
- G. Non-Discrimination against Faith-Based Organizations—Owner does not discriminate against faith-based organizations and Contractor agrees not to discriminate against faith-based organizations.
- H. Federal Immigration Law—Contractor, any subconsultants, and any others it may employ do not, and will not during the term of this Contract, knowingly employ an unauthorized alien as defined in the Federal Immigration and Reform and Control Act of 1986.
- I. Drug-Free Workplace—Throughout the term of this Contract, Contractor agrees to:
 - 1. provide a drug-free workplace for Contractor's employees;
 - 2. 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 Contractor's workplace and specifying the actions that will be taken against employees for violations of such prohibition;
 - 3. state in all solicitations or advertisements for employees placed by or on behalf of Contractor that Contractor maintains a drug-free workplace; and
 - 4. include the provisions of the foregoing clauses in every subcontract or purchase order equal to or greater than \$10,000 in value, so that the provisions will be binding upon each subconsultant.

For the purposes of this provision, "drug-free workplace" means any site for the performance of services in connection with this Contract, where the employees of Contractor are prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession or use of any controlled substance or marijuana.

- J. Authorization to Conduct Business in the Commonwealth of Virginia—Contractor must, pursuant to Code of Virginia §2.2-4311.2, be and remain authorized to transact business in the

Commonwealth of Virginia during the entire term of the Contract, otherwise, the Contract is voidable at the sole option of and no expense to Owner.

- K. Owner's Procurement Manual and Owner's Policies—Nothing in this Contract waives any provision of the Owner's Procurement Manual, which is incorporated herein by reference, or any applicable Owner's policy.
- L. Advertising and Use of Proprietary Marks—The Contractor shall not use the name of Owner or refer to Owner, directly or indirectly, in any press release or formal advertisement without receiving prior written consent of Owner. In no event may the Contractor use a proprietary mark of Owner without receiving the prior written consent of Owner.
- M. Headings—The section headings in this Contract are inserted only for convenience and do not affect the substance of the Contract or limit the sections' scope.
- N. Ambiguities—The parties and their counsel have participated fully in the drafting of this Contract; and any rule that ambiguities are to be resolved against the drafting party does not apply. The language in this Contract is to be interpreted as to its plain meaning and not strictly for or against any party.
- O. Amendments—This Contract may not be modified except by written amendment executed by persons duly authorized to bind the Contractor and Owner.
- P. Arbitration—No claim arising under or related to this Contract may be subject to arbitration.
- Q. No Exclusivity of Remedies—All remedies available to Owner under this Contract are cumulative, and no remedy will be exclusive of any other at law or in equity.
- R. Liens—Owner's interest, whether in fee simple or easement, in any site at which the work or services under this Agreement is to be provided, cannot be subjected to a mechanic's lien because mechanics liens cannot be placed on publicly-owned property rights in the Commonwealth of Virginia.
- S. No Forced or Indentured Child Labor—The use of forced or indentured child labor in performance of this Contract is prohibited. For the purposes of this Contract, "forced or indentured child labor" shall mean all work or service (i) exacted from any person younger than 18 years of age under the menace of any penalty for the nonperformance of such work or service and for which such person does not offer himself voluntarily or (ii) performed by any person younger than 18 years of age pursuant to a contract the enforcement of which can be accomplished by process or penalties. If the Contractor enters any subcontracts or purchase orders valued at more than \$10,000, the Contractor must include this prohibition in such subcontract(s) or purchase order(s).

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4. 4 INSURANCE REQUIREMENTS

Review this section carefully with your insurance agent or broker prior to submitting a bids.

Prior to award of this Contract and upon any Contract extension thereafter, the Contractor shall provide to Procurement Specialist evidence indicating that the Contractor has in force the coverage and endorsements (collectively referred to hereinafter “coverage”, “coverages” or “insurance”) required below. The Contractor agrees to maintain such insurance until the completion of this Contract or as otherwise stated below or in the Contract Document(s).

All required insurance coverages must be acquired from insurers authorized to do business in the Commonwealth of Virginia, with an A.M. Best rating of “A-VII”, and as acceptable to AlexRenew. The insurance requirements herein shall not operate as a limitation of the Contractor’s liability or as a limitation of the Contractor’s duty of indemnification, as set forth in this solicitation and any resulting contract. The Contractor is responsible for determining whether the minimum coverage below is adequate to protect its interest.

The Contractor shall secure and maintain (and ensure that its subcontractors, if any, secure and maintain) all insurance required by law or this Contract, including without limitation:

1. **Workers Compensation** - Virginia Statutory Workers Compensation (W/C) coverage including Virginia benefits and employers liability with limits of \$100,000/100,000/500,000. AlexRenew will not accept W/C coverage issued by the Injured Worker's Insurance Fund, Towson, MD.
2. **Commercial General Liability** - \$1,000,000 combined single limit coverage with \$2,000,000 general aggregate covering all premises and operations and including Personal Injury, Completed Operations. Commercial General Liability - Such Commercial General Liability policy shall include any or all of the following as indicated on the Checklist:
 - A. General aggregate limit is to apply per project;
 - B. Premises/Operations;
 - C. Actions of Independent Contractors;
 - D. Products/Completed Operations to be maintained for five (5) years after completion of the work;
 - E. Contractual Liability, including protection for the Contractor from claims arising out of liability assumed under this Contract. The general aggregate limit shall apply to this Contract;
 - F. Personal Injury Liability including, including but not limited to, coverage for offenses related to employment and copyright infringement;
3. **Business Automobile Liability** - \$1,000,000 Combined Single Limit (Owned, non-owned and hired).

Additional Insured - AlexRenew, and its officers, elected and appointed officials, employees, and agents shall be named as additional insureds on all policies, except Workers Compensation, Auto, and Professional Liability. A copy of the Additional Insured endorsement, or an “Accord” certificate with the additional insured endorsement box checked for all policies that include an additional insured endorsement, must be provided by the Contractor to the Procurement Specialist prior to the execution of this Contract and any Contract extension. Failure to provide such documentation shall result in cancellation of the award or of the Contract.

Cancellation - If there is a material change or reduction in coverage, nonrenewal of any insurance coverage or cancellation of any insurance coverage required by this contract, the Contractor shall notify the Procurement Specialist immediately. Any policy on which the Contractor has received

notification from an insurer that the policy has or will be cancelled or materially changed or reduced must be immediately replaced with another policy consistent with the terms of this Contract and in such a manner that there is no lapse in coverage, and Procurement Specialist must be immediately notified of the replacement. Not having the required insurance throughout the Contract Term is considered a material breach of this Contract and grounds for termination. The Contractor shall also obtain an endorsement providing AlexRenew thirty (30) days advance notice of cancellation or nonrenewal (ten (10) days for nonpayment of premium. A copy of that endorsement shall be provided to the Procurement Specialist prior to the execution of this Contract or any Contract extension thereafter.

Any insurance coverage that is placed as a "claims made" policy must remain valid and in force, or the Contractor must obtain an extended reporting endorsement consistent with the terms of this Contract, until the applicable statute of limitations has expired, such date as determined to begin running from the date of the Contractor's receipt of final payment.

Contract Identification – All documentation and copies of endorsements required hereunder shall state this Contract's number and title.

Certificate Holder - The Certificate Holder must be identified as:

Alexandra Renew Enterprises
c/o Procurement Specialist
1800 Limerick Street
Alexandria, Virginia 22314

The Contractor must disclose the amount of any deductible or self- insurance component applicable to the General Liability, Automobile Liability, Professional Liability, Intellectual Property or any other policies required herein, if any. AlexRenew reserves the right to request additional information to determine if the Contractor has the financial capacity to meet its obligations under a deductible. Thereafter, at its option, AlexRenew may require a lower deductible, funds equal to the deductible be placed in escrow, a certificate of self-insurance, collateral, or other mechanism in the amount of the deductible to ensure additional protection for AlexRenew.

The Contractor shall require all subcontractors to maintain during the term of this contract, Commercial General Liability insurance, Business Automobile Liability insurance, and Workers' Compensation insurance in the same form and manner as specified for the Contractor. The Contractor shall furnish subcontractors' documentation of coverage and endorsements specified herein to the Procurement Specialist immediately upon request by AlexRenew and/or prior to a subcontractor performing work related to this Contract.

No acceptance or approval of any insurance by AlexRenew shall be construed as relieving or excusing the Contractor from any liability or obligation imposed upon the Contractor by the provisions of the Contract Documents.

The Contractor shall be responsible for the work performed under the Contract Document(s) and every part thereof, and for all materials, tools, equipment, appliances, and property of any description used in connection with the work. The Contractor assumes all risks for direct and indirect damage or injury to the property or persons used or employed on or in connection with the work contracted for, and of all damage or injury to any person or property wherever located, resulting from any action, omission, commission or operation under the Contract, or in connection in any way whatsoever with the contracted work.

The Contractor shall be as fully responsible to AlexRenew for the acts and omissions of its subcontractors and of persons employed by them as it is for acts and omissions of persons directly employed by it.

Notwithstanding any of the above, the Contractor may satisfy its obligations under this section by means of self-insurance for all or any part of the insurance required, provided that the Contractor can demonstrate financial capacity, the alternative coverage(s) is/are submitted to and acceptable to the AlexRenew and the terms and additional endorsements required hereunder are met to the satisfaction of the Procurement Specialist. The Contractor must provide its most recent actuarial report and provide a copy of its self-insurance resolution to determine the adequacy and security of the insurance funding.

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5. 5 BID FORM AND ATTACHMENTS

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INVITATION TO BID 27-001

Inspection, Testing and Repair Services for Campus and EC Switchgears

BID FORM

THE FULL LEGAL NAME OF THE FIRM OR ENTITY SUBMITTING THIS BID MUST BE WRITTEN IN THE SPACE PROVIDED BELOW. THIS BID FORM, AND ALL OTHER DOCUMENT(S) REQUIRED BY THE SOLICITATION TO BE SUBMITTED WITH THIS BID FORM, INCLUDING ALL ISSUED ADDENDA, MUST BE FULLY AND ACCURATELY COMPLETED AND SIGNED BY A PERSON AUTHORIZED TO LEGALLY AND CONTRACTUALLY BIND THE BIDDER, OR THE BID MAY BE REJECTED. ENTER N/A FOR AREAS THAT DO NOT PERTAIN TO YOUR COMPANY.

SUBMITTED BY:
FORMER NAMES:
AGE OF THE ENTITY:
PRINCIPAL PLACE OF BUSINESS:
LOCAL ADDRESS:
MAIN TELEPHONE NO.
FORM OF ORGANIZATION: ☐ CORPORATION; ☐ GENERAL PARTNERSHIP; ☐ UNINCORPORATED ASSOCIATION; ☐ LIMITED LIABILITY COMPANY; ☐ LIMITED PARTNERSHIP; ☐ SOLE PROPRIETORSHIP WHERE THE ENTITY WAS FORMED: (INSERT NAME OF STATE) Click or tap here to enter state.
IDENTIFICATION NO. ISSUED TO THE FIRM BY SCC: If Bidder is exempt from the SCC authorization requirement, then it shall include a statement on the entity's letterhead with its application certifying their exemption from this requirement.
RESPONSIBILITY QUESTIONNAIRE <i>If the answers to any questions below are yes, use additional pages to provide an explanation.</i>
DEBARMENT, DISQUALIFICATION AND OR SUSPENSION: Is the entity or any of its principals are currently debarred, suspended or disqualified from submitting responses to AlexRenew, or any other state, local or federal entities? ☐ YES ☐ NO
CLAIMS/FINAL RESOLUTION/JUDGMENTS Have any of the following actions occurred on, or in conjunction with, any project(s) performed by the Bidder, any affiliate, or their officers, partners or directors in the last five (5) years? "Legal Actions" shall include civil or criminal litigation, administrative; Proceedings, indictments, arbitrations or the like ☐ YES ☐ NO
TERMINATION/FAILURE TO COMPLETE Has the Bidder ever been terminated for work awarded to it? This includes termination for default (or cause) or for the convenience of the Owner? Has Bidder for any other reason failed to complete a project? ☐ YES ☐ NO

ITB No. 27-001 Inspection, Testing and Repair Services for Campus and EC Switchgear

Bidder Company Name: _____

BREACH, DEFAULT, DEBARRED: Within the last five (5) years, has Bidder been disqualified, removed, or otherwise declared in material breach or default of any contract by a public agency, or debarred from participating in the ITB process for any contract? If yes, please explain the circumstances: ☐ YES ☐ NO 		
RELEASE FROM CONTRACT APPLICATION, BIDS OR AWARD: Has the Bidder filed a request to be released from an Application, bids, selection or award of any contract within the last five (5) years? If yes, please explain the circumstances. ☐ YES ☐ NO 		
FAILURE TO EXECUTE A CONTRACT: Has the Bidder ever been selected for award or awarded a contract in which the entity failed to execute the contract? This would include: the entity not signing the contract Document(s); an inability of the company to obtain insurance requirements; or failure of the company to submit required forms and attestations. If yes, please explain the circumstances: ☐ YES ☐ NO 		
BANKRUPTCY: Has the Bidder filed for bankruptcy in the last seven years or is your firm currently the debtor in a bankruptcy case? If yes, please explain the circumstances ☐ YES ☐ NO 		
CONTACT PERSON FOR DELIVERY OF CONTRACTUAL NOTICES: Name: Address: Phone number E-mail:		
YES	NO	
		Does your firm have at least five (5) years of experience performing installation and pm and remedial maintenance experience for switchgears and transformers?
		Is your firm able to respond onsite within seven (7) days of notification for regular work?
		Is your firm able to respond onsite within two (2) hours of notification for emergency work?
		Does your firm have NETA or NICET certification or accreditation? Please attach evidence of such certification or accreditation with your bid.
		Does your firm have at least five (5) years of experience performing industrial-grade preventive maintenance, corrective maintenance and repairs, installation and integration of switchgears, transformers and ductbanks?
		Does your firm have knowledge and experience in Federal, State and local codes and standards?
		Does your firm have knowledge and experience in writing reports and documenting procedures?
		Does your firm possess a valid contractor's license from the Commonwealth of Virginia?
		Have all proposed master electricians, licensed electricians, journeymen, electrician helpers and foremen demonstrated experience with high voltage (at least 4000 volts, 4160 AC)?

In a separate sheet provide a list of employees to be assigned to work under this contract, including their name, title, professional experience and certifications, and areas of expertise as related to the services that will be provided			
Attach a copy of your firm's safety policies that includes procedures for confined space entry			
Attach a copy of your firm's quality control/quality assurance procedures			
Attach sample pm/cm report your firm produces following performance of such service			
Attach the completed reference form enclosed below with three (3) separate organizations where similar services to the scope of this contract have been provided.			

TRADE SECRETS OR PROPRIETARY INFORMATION:

Trade secrets or proprietary information submitted by a bidder in connection with a procurement transaction shall not be subject to public disclosure under the Virginia Freedom of Information Act. However, the Bidder must identify the data and materials need such protection prior to submission of such data and material, and state the reasons why protection is necessary. Please mark one:

☐ **YES**, the Application I have submitted **does** contain trade secrets and/or proprietary information.

☐ **NO**, the Application I have submitted **does not** contain any trade secrets and/or proprietary information.

If Yes, you must clearly identify below the exact data or other materials to be protected and list all applicable page numbers of the Application containing such data or materials:

STATE THE SPECIFIC REASON(S) WHY PROTECTION IS NECESSARY:

NOTE: If you fail to identify the data or other materials to be protected and state the reasons why such protection is necessary in the space provided above, you have not invoked the protection, accordingly, effectively the Application will be open for public inspection consistent with applicable law.

[Bid Form continues on next page]

CERTIFICATION OF NON-COLLUSION:

The undersigned certifies that this Application is not the result of, or affected by, any act of collusion with another person(as defined in Code of Virginia Section 59.1-68.6 et seq.), engaged in the same line of business or commerce; or any act of fraud punishable under the Virginia Governmental Frauds Act (Code of Virginia §18.2-498.1 et seq.).

CONFLICT OF INTEREST:

The undersigned certifies and warrants that to the best of its knowledge and belief and except as otherwise disclosed, it does not have any organizational conflict of interest, which is defined as a situation in which the nature or work under the contract and the bidder's organizational, financial, contractual or other interest are such that award of the contract may result in the bidder receiving an unfair competitive advantage, or the bidder's objectivity in performing the contract work may be impaired. The bidder agrees that if after being awarded it discovers an organizational conflict of interest with respect to the being awarded, it shall make an immediate and full disclosure in writing to AlexRenew which shall include a description of the action which the bidder has taken or intends to take to eliminate or neutralize the conflict.

INDICATE THE NAME AND CONTACT INFORMATION OF THE PERSON WHO CAN RESPOND
AUTHORITATIVELY TO ANY QUESTIONS REGARDING THIS BIDS (I.E. PROJECT MANAGER):

NAME (PRINTED): _____ TITLE: _____

E-MAIL ADDRESS: _____ TEL. NO.: _____

The undersigned swears or affirms under the penalty of perjury and upon personal knowledge that the contents of the Application for Prequalification are true and correct.

The undersigned swears or affirms under the penalty of perjury that the Bidder, its agents, servants and/or employees, to the best of his/her knowledge and belief, have not in any way colluded with anyone for and on behalf of the Bidder an unfair advantage over others, nor have they colluded with anyone for and on behalf of the Bidder, or themselves, to gain any favoritism in the award of any contract resulting from this bids.

NAME OF AND TITLE BIDDER'S REPRESENTATIVE

SIGNATURE OF BIDDER'S REPRESENTATIVE

DATE

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Attachment A
Pricing Sheet

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INVITATION TO BID (ITB) NUMBER 27-001

ATTACHMENT A "PRICING SHEET"

NOTE:

- All Labor rates shall be inclusive of all charges, including permits (if applicable). All rates shall be for actual time spent working on the equipment, portal to portal charges and or travel time shall not be billed to AlexRenew.
- All annual PM cost shall include both primary testing (total of two (2) during the Contract Period) and secondary testing (total of five (5) during the Contract Period).

Enter "no bid" for items that you're not bidding on.

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
1	SWGR-L-2A Primary Switch located at - Building L, SWGR-L-2A -	Manufacturer: Square D Phase: 3; Type: HVL Load Interrupter Switch; Serial #: 44036-325-51; Ampere Rating: 600 Catalog #: 17-12650556-011; Voltage Rating: 4.76kV Interrupter Rating: 40KA; Fuse Type: GE EFO 100 Total: 3 Size: 350 amp; Spare Fuses: none	\$
2	CP-DCEN1 located at Building L; Switchgear L-2B -	Manufacturer: Square D; Serial #: CNTJ04063-4A Type: DS II - 608; Trip Unit: Digitrip 510; Trip Bar: DTA Long Time Pick-Up: .8=640A; Long Time Delay: 24sec Short Time Pick-Up: 6=3840A; Short Time Delay: .1 I2T In Out; Ground Fault Pick-Up: D=320A; Ground Fault Delay: .1 I2T In Out; Instantaneous: 4=3200A Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: NONO4063; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 800A; Sensor/CT Rating: 800A ;CT Tap: 800A; Plug Rating: 800A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
3	CP-DCEN 2 - located at Building L; Switchgear L-2B	Manufacturer: Square D ;Serial #: CNTJ04063-04 Type: DS II - 608 ; Trip Unit: Digitrip 510; Trip Bar: DTA; Long Time Pick-Up: .8=640A ;Long Time Delay: 24sec; Short Time Pick-Up: 6=3840A; Short Time Delay: .1 I2T In Out; Ground Fault Pick-Up: D=320A; Ground Fault Delay: .1 I2T In Out; Instantaneous: M2=12=9600A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3 Catalog #: 38537; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 800A; Sensor/CT Rating: 800A; CT Tap: 800A; Plug Rating: 800A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
4	CP-DCEN 3 - located at Building L; Switchgear L-2B	Manufacturer: Square D; Serial #: CNTJ04063-4A; Type: DS II - 608; Trip Unit: Digitrip 510; Trip Bar: DTA; Long Time Pick-Up: .8=640A; Long Time Delay: 24sec; Short Time Pick-Up: 6=3840A; Short Time Delay: .1 I2T In Out; Ground Fault Pick-Up: D=320A; Ground Fault Delay: .1 I2T In Out; Instantaneous: M2=12=9600A; Blown Fuse Indicator: N/A; Class: DOCB ; Phase: 3; Catalog #: 38537; Voltage Rating: 635V ; Interrupter Rating: 65kA@508V; Ampere Rating: 800A; Sensor/CT Rating: 800A; CT Tap: 800A; Plug Rating: 800A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok ;Wire: 4	\$
5	CP-DCEN-4 Building L; Switchgear L-2B	Manufacturer: Square D; Serial #: CNTJ60979-1; Type: DS II - 608; Trip Unit: Digitrip 510; Trip Bar: DTA ;Long Time Pick-Up: .8=640A; Long Time Delay: 24sec; Short Time Pick-Up: 6=3840A ;Short Time Delay: .1 I2T In Out ;Ground Fault Pick-Up: D=320A; Ground Fault Delay: .1 I2T In Out; Instantaneous: M2=12=9600A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: 60979 Voltage Rating: 635V; Interrupter Rating: 65kA@508V Ampere Rating: 800A; Sensor/CT Rating: 800A; CT Tap: 800A; Plug Rating: 800A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
6	Electric Boiler F1B	Manufacturer: Eaton, Cutler-Hammer; Serial #: 001002; Type: MDN616; Trip Unit: Digitrip 1150+; Trip Bar: DTA; Long Time Pick-Up: 1=1200A; Long Time Delay:	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
		4sec; Short Time Pick-Up: 3=3600A; Short Time Delay: .3 I2T In Out; Ground Fault Pick-Up: .4=480A; Ground Fault Delay: .3 I2T In Out; Instantaneous: 4=4800A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN6163XEA 121GN MNNNN NNNAX; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 1600A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 1200A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	
8	Electric Boiler F7B - Building F, F-104 Electric Room	Manufacturer: Eaton, Cutler-Hammer; Serial #: 001010; Type: MDN616; Trip Unit: Digitrip 1150+; Trip Bar: DTA; Long Time Pick-Up: 1=1200A; Long Time Delay: 4sec; Short Time Pick-Up: 3=3600A; Short Time Delay: .3 I2T In Out; Ground Fault Pick-Up: .4=480A; Ground Fault Delay: .3 I2T In Out; Instantaneous: 4=4800A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN6163XEA 121GN MNNNN NNNAX; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 1600A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 1200A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
10	Main A Breaker 2A located at - Building L; Switchgear L-2A	Manufacturer: Square D; Serial #: CNTJ04063; Type: DS II - 840; Trip Unit: Digitrip 510; Trip Bar: DTA; Long Time Pick-Up: .9=3600A; Long Time Delay: 4sec; Short Time Pick-Up: 2=7200A; Short Time Delay: .2 I2T In Out; Ground Fault Pick-Up: A=1000A; Ground Fault Delay: .5 I2T In Out; Instantaneous: N/A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: NONO4063; Voltage Rating: 635V; Interrupter Rating: 85kA@508V; Ampere Rating: 4000A; Sensor/CT Rating: 4000A; CT Tap: 4000A; Plug Rating: 4000A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
11	Main B Breaker Building L; Switchgear L-2A	Manufacturer: Square D; Serial #: CNTJ04063-1; Type: DS II - 840; Trip Unit: Digitrip 510; Trip Bar: DTA; Long Time Pick-Up: .9=3600A; Long Time Delay: 4sec; Short Time Pick-Up: 2=7200A; Short Time Delay: .2 I2T In Out; Ground Fault Pick-Up: A=1000A; Ground Fault Delay: .5 I2T In Out; Instantaneous: M2=12=48000A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: NONO4063; Voltage Rating: 635V; Interrupter Rating: 85kA@508V; Ampere Rating: 4000A; Sensor/CT Rating: 4000A; CT Tap: 4000A; Plug Rating: 4000A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
12	Main M3C - Building F, F-104 Electric Room	Manufacturer: Eaton, Cutler-Hammer; Serial #: 001003; Type: MDN64N; Trip Unit: Digitrip 1150+; Trip Bar: DTA; Long Time Pick-Up: .6=2400A; Long Time Delay: 5sec; Short Time Pick-Up: 3.5=8400A; Short Time Delay: .3 I2T In Out; Ground Fault Pick-Up: .3=1200A; Ground Fault Delay: .5 I2T In Out; Instantaneous: 6.5=26000A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN64N3LEA-401GA-NAN2Y-NNNAX; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 4000A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 4000A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
13	Main M5C - Building F, F-104 Electric Room	Manufacturer: Eaton, Cutler-Hammer; Serial #: 001003; Type: MDN64N; Trip Unit: Digitrip 1150+; Trip Bar: DTA; Long Time Pick-Up: .6=2400A; Long Time Delay: 5sec; Short Time Pick-Up: 3.5=8400A; Short Time Delay: .3 I2T In Out; Ground Fault Pick-Up: .3=1200A; Ground Fault Delay: .5 I2T In Out; Instantaneous: 6.5=26000A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN64N3LEA-401GA-NAN2Y-NNNAX; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 4000A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 4000A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
14	MCC-55-1A F6C - Building F, F-104 Electric Room	Manufacturer: Eaton, Cutler-Hammer; Serial #: 001006; Type: MDN616; Trip Unit: Digitrip 1150+; Trip Bar: DTA; Long Time Pick-Up: .7=840A; Long Time Delay: 16.5sec; Short Time	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
		Pick-Up: 7=5880A; Short Time Delay: .3 I2T In Out; Ground Fault Pick-Up: .5=600A; Ground Fault Delay: .3 I2T In Out; Instantaneous: 8=9600A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN6163XBA 121GN MNNNN NNNAX; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 1600A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 1200A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	
15	MCC-55-1B F2C Building F, F-104 Electric Room	Manufacturer: Eaton, Cutler-Hammer; Serial #: 001001; Type: MDN616; Trip Unit: Digitrip 1150+; Trip Bar: DTA; Long Time Pick-Up: .7=840A; Long Time Delay: 16.5sec; Short Time Pick-Up: 7=5880A; Short Time Delay: .3 I2T In Out; Ground Fault Pick-Up: .5=600A; Ground Fault Delay: .3 I2T In Out; Instantaneous: 8=9600A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN6163XEA 121GN MNNNN NNNAX; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 1600A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 1200A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
16	MCC-F-1A F6A - Building F, F-104 Electric Room	Manufacturer: Eaton, Cutler-Hammer; Serial #: 001004; Type: MDN616; Trip Unit: Digitrip 1150+; Trip Bar: DTA; Long Time Pick-Up: .7=840A; Long Time Delay: 4.5sec; Short Time Pick-Up: 4=3360A; Short Time Delay: .1 I2T In Out; Ground Fault Pick-Up: .5=600A; Ground Fault Delay: .3 I2T In Out; Instantaneous: 14=16800A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN6163XEA 121GN MNNNN NNNAX; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 1600A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 1200A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
17	MCC-F-1B F2A - Building F, F-104 Electric Room	Manufacturer: Eaton, Cutler-Hammer; Serial #: 001005; Type: MDN616; Trip Unit: Digitrip 1150+; Trip Bar: DTA; Long Time Pick-Up: .7=840A; Long Time Delay: 4.5sec; Short Time Pick-Up: 4=3360A; Short Time Delay: .1 I2T In Out; Ground Fault Pick-Up: .5=600A; Ground Fault Delay: .3 I2T In Out; Instantaneous: 14=16800A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN6163XEA 121GN MNNNN NNNAX; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 1600A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 1200A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
18	MCC-L-2A - Building L; Switchgear L-2A	Manufacturer: Square D; Serial #: CNTJ38537; Type: DS II - 616; Trip Unit: Digitrip 510; Trip Bar: DTA; Long Time Pick-Up: 1.0=1000A; Long Time Delay: 20sec; Short Time Pick-Up: S2=10=10000A; Short Time Delay: .5 I2T In Out; Ground Fault Pick-Up: A=250A; Ground Fault Delay: .1 I2T In Out; Instantaneous: M2=12=12000A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: 388537; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 1600A; Sensor/CT Rating: 1600A; CT Tap: 1000A; Plug Rating: 1000A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
18	MCC-L-2B - Building L; Switchgear L-2A	Manufacturer: Square D; Serial #: CNTJ38537-02; Type: DS II - 616; Trip Unit: Digitrip 510; Trip Bar: DTA; Long Time Pick-Up: 1.0=1000A; Long Time Delay: 20sec; Short Time Pick-Up: 5=5000A; Short Time Delay: .1 I2T In Out; Ground Fault Pick-Up: A=250A; Ground Fault Delay: .1 I2T In Out; Instantaneous: M2=12=12000A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: 38537; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 1600A; Sensor/CT Rating: 1600A; CT Tap: 1000A; Plug Rating: 1000A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
19	MCC-L-2C - Building L; Switchgear L-2A	Manufacturer: Square D; Serial #: CNTJ38537-02; Type: DS II - 608; Trip Unit: Digitrip 510; Trip Bar: DTA; Long Time Pick-Up: 1=1000A; Long Time Delay: 20sec; Short Time Pick-Up: 5=5000A; Short Time Delay: .1 I2T In Out; Ground Fault	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
		Pick-Up: A=250A; Ground Fault Delay: .1 I2T In Out; Instantaneous: M2=12=12000A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: 38537; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 1600A; Sensor/CT Rating: 1600A; CT Tap: 1000A; Plug Rating: 1000A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	
20	MCC-L-2D - Building L; Switchgear L-2A	Manufacturer: Square D; Serial #: CNTJ38537-02; Type: DS II - 616; Trip Unit: Digitrip 510; Trip Bar: DTA; Long Time Pick-Up: 1.0=1000A; Long Time Delay: 20sec; Short Time Pick-Up: 5=5000A; Short Time Delay: .1 I2T In Out; Ground Fault Pick-Up: A=250A; Ground Fault Delay: .1 I2T In Out; Instantaneous: M2=12=12000A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: 388537; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 1000A; Sensor/CT Rating: 1000A; CT Tap: 1000A; Plug Rating: 1000A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
21	MCC-MC-12A F6B - Building F, F-104 Electric Room	Manufacturer: Eaton, Cutler-Hammer; Serial #: 001009 Type: MDN616; Trip Unit: Digitrip 1150+; Trip Bar: DTA; Long Time Pick-Up: .7=840A; Long Time Delay: 2sec; Short Time Pick-Up: 2=1680A; Short Time Delay: .1 I2T In Out; Ground Fault Pick-Up: .5=600A; Ground Fault Delay: .3 I2T In Out; Instantaneous: 14=16800A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN6163XBA 121GN MNNNN NNNAX; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 1600A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 1200A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
22	MCC-MC-12B F2B Building F, F-104 Electric Room	Manufacturer: Eaton, Cutler-Hammer; Serial #: 001008; Type: MDN616; Trip Unit: Digitrip 1150+; Trip Bar: DTA; Long Time Pick-Up: .7=840A; Long Time Delay: 2sec.; Short Time Pick-Up: 2=1680; Short Time Delay: .1 I2T In Out; Ground Fault Pick-Up: .5=600A; Ground Fault Delay: .3 I2T In Out; Instantaneous: 14=16800A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN6163XEA 121GN MNNNN NNNAX; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 1600A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 1200A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
23	MCC-55-1A F6C - Building F, F-104 Electric Room	Manufacturer: Eaton, Cutler-Hammer; Serial #: 001007; Type: MDN616; Trip Unit: Digitrip 1150+; Trip Bar: DTA; Long Time Pick-Up: .95=1140A; Long Time Delay: 8sec; Short Time Pick-Up: 5=5700A; Short Time Delay: .1 I2T In Out; Ground Fault Pick-Up: .5=600A; Ground Fault Delay: .3 I2T In Out; Instantaneous: 14=16800A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN6163XBA 121GN MNNNN NNNAX; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 1600A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 1200A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
24	MCC-MT-1B F2D - Building F, F-104 Electric Room	Manufacturer: Eaton, Cutler-Hammer; Serial #: 001001; Type: MDN616; Trip Unit: Digitrip 1150+; Trip Bar: DTA; Long Time Pick-Up: .95=1140A; Long Time Delay: 8sec; Short Time Pick-Up: 5=5700A; Short Time Delay: .1 I2T In Out; Ground Fault Pick-Up: .37=444A; Ground Fault Delay: .3 I2T In Out; Instantaneous: 14=16800A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN6163XEA-121GN-MNNNN-NNNAX; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 1600A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 1200A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
25	P.E. Pump #1 - Building L; Switchgear L-2B	Manufacturer: Square D; Serial #: CNTJ04063-4A; Type: DS II - 608; Trip Unit: Digitrip 510; Trip Bar: DTA; Long Time Pick-Up: .6=480A; Long Time Delay: 7sec; Short Time Pick-Up: 5=2400A; Short Time Delay: .1 I2T In Out; Ground Fault Pick-Up: A=200A; Ground Fault Delay: .1 I2T In	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
		Out; Instantaneous: M2=12=9600A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: NON04063; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 800A; Sensor/CT Rating: 800A; CT Tap: 800A; Plug Rating: 800A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	
25	P.E. Pump #2 - Building L; Switchgear L-2B	Manufacturer: Square D; Serial #: CNTJ04063-4; Type: DS II - 608; Trip Unit: Digitrip 510; Trip Bar: DTA; Long Time Pick-Up: 1=800A; Long Time Delay: 7sec; Short Time Pick-Up: 5=4000A; Short Time Delay: .5 I2T In Out; Ground Fault Pick-Up: A=200A; Ground Fault Delay: .1 I2T In Out; Instantaneous: M2=12=9600A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: NON04063; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 800A; Sensor/CT Rating: 800A; CT Tap: 800A; Plug Rating: 800A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
26	P.E. Pump #3 - Building L; Switchgear L-2B	Manufacturer: Square D; Serial #: CNTJ04063-3; Type: DS II - 608; Trip Unit: Digitrip 510; Trip Bar: DTA; Long Time Pick-Up: .6=480A; Long Time Delay: 7sec; Short Time Pick-Up: S2=10=4800A; Short Time Delay: .1 I2T In Out; Ground Fault Pick-Up: A=200A; Ground Fault Delay: .1 I2T In Out; Instantaneous: 3=2400A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: 38537; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 800A; Sensor/CT Rating: 800A; CT Tap: 800A; Plug Rating: 800A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
27	P.E. Pump #4 - Building L; Switchgear L-2A	Manufacturer: Square D; Serial #: CNTJ04063; Type: DS II - 608; Trip Unit: Digitrip 510; Trip Bar: DTA; Long Time Pick-Up: .6=480A; Long Time Delay: 7sec; Short Time Pick-Up: 5=2400A; Short Time Delay: .1 I2T In Out; Ground Fault Pick-Up: A=200A; Ground Fault Delay: .1 I2T In Out; Instantaneous: M2=12=5760; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: NON04063; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 800A; Sensor/CT Rating: 800A; CT Tap: 800A; Plug Rating: 800A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
28	P.E. Pump #5 - Building L; Switchgear L-2A	Manufacturer: Square D; Serial #: CNTJ38537-03; Type: DS II - 608; Trip Unit: Digitrip 510; Trip Bar: DTA; Long Time Pick-Up: .6=480A; Long Time Delay: 7sec; Short Time Pick-Up: S2=10=4800; Short Time Delay: .5 I2T In Out; Ground Fault Pick-Up: A=200A; Ground Fault Delay: .1 I2T In Out; Instantaneous: M2=12=9600; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: 38537; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 800A; Sensor/CT Rating: 800A; CT Tap: 800A; Plug Rating: 800A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
28	P.E. Pump #6 - Building L; Switchgear L-2A	Manufacturer: Square D; Serial #: CNTJ04063-03; Type: DS II - 608; Trip Unit: Digitrip 510; Trip Bar: DTA; Long Time Pick-Up: .6=480A; Long Time Delay: 7sec; Short Time Pick-Up: 5=2400A; Short Time Delay: .1 I2T In Out; Ground Fault Pick-Up: A=200A; Ground Fault Delay: .1 I2T In Out; Instantaneous: M2=12=5760; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: 38537; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 800A; Sensor/CT Rating: 800A; CT Tap: 800A; Plug Rating: 800A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
29	Spare - Building L; Switchgear L-2A	Manufacturer: Square D; Serial #: CNTJ38537-03; Type: DS II - 608; Trip Unit: Digitrip 510; Trip Bar: DTA; Long Time Pick-Up: .5=400A; Long Time Delay: 4sec; Short Time Pick-Up: 6=2400A; Short Time Delay: .5 I2T In Out; Ground Fault Pick-Up: D=320A; Ground Fault Delay: .5 I2T In Out; Instantaneous: 6=4800A; Blown Fuse	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
		Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: 38537; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 800A; Sensor/CT Rating: 800A; CT Tap: 800A; Plug Rating: 800A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	
30	Tie Breaker T4C - Building F, F-104 Electric Room	Manufacturer: Eaton, Cutler-Hammer; Serial #: 001001; Type: MDN64N; Trip Unit: Digitrip 1150+; Trip Bar: DTA; Long Time Pick-Up: .5=2000A; Long Time Delay: 4.5sec; Short Time Pick-Up: 4=8000A; Short Time Delay: .2 I2T In Out; Ground Fault Pick-Up: .25=1000A; Ground Fault Delay: .4 I2T In Out; Instantaneous: 6.5=26000A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN64N3LEA-401GA-NAN2Y-NNNAX; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 4000A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 4000A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
31	Tie Breaker - Building L; Switchgear L-2A	Manufacturer: Square D; Serial #: n/a; Type: DS II - 632; Trip Unit: Digitrip 510; Trip Bar: DTA; Long Time Pick-Up: 1=3200A; Long Time Delay: 4sec; Short Time Pick-Up: 2=6400A; Short Time Delay: .3 I2T In Out; Ground Fault Pick-Up: A=800A; Ground Fault Delay: .3 I2T In Out; Instantaneous: M2=12=38400A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: n/a; Voltage Rating: 635V; Interrupter Rating: 65kA@508V; Ampere Rating: 3200A; Sensor/CT Rating: 3200A; CT Tap: 3200A; Plug Rating: 3200A; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
32	Main Switch L-2B - Building L, 3rd Floor	Manufacture: Square D; Serial #: N/A; Type/Class: Load; Interrupter Bus: Cu Al; Catalog #: 17-12650556-011; Ampere Rating: 600; Voltage Rating: 4.76 kV; Number of Phases: 3; Interrupter Rating: 40 kA; Fuse Type: EJ 0-1DD; Fuse Size: 350 A; Spare Fuses: 0	\$
33	Feeder B1 - Building F, Switchgear SS-1-A	SOLID STATE PROTECTIVE RELAY	\$
34	Feeder B2 - Building F, Switchgear SS-1-A	SOLID STATE PROTECTIVE RELAY	\$
35	Feeder B3 - Building F, Switchgear SS-1-A	SOLID STATE PROTECTIVE RELAY	\$
36	Feeder B4 - Building F, Switchgear SS-1-A	SOLID STATE PROTECTIVE RELAY	\$
37	Building F, Switchgear SS-1-A Main Breaker 2A	SOLID STATE PROTECTIVE RELAY	\$
38	Tie Breaker - Located ate Building F, Switchgear SS-1	SOLID STATE PROTECTIVE RELAY	\$
39	20-TX-1 located at Building 20	Manufacturer: Square D; Serial #: 15957255-003-01; Type/Class: ONAN; Catalog #: N/A; Phase: 3; Voltage Rating: 4,160-480Y/277; Impedance: 5.4%; Temp. Rise: 65 °C; Winding material: CU; Weight: 7,171; BIL: 30/60 kV; Gallons: 314; Winding configuration: Delta-Wye; KVA Rating: 750; Set Tap Position: C = 4,160; Ambient: 77 °F; Humidity: 45 %	\$
40	20-TX-2 located at Building 20	Manufacturer: Square D; Serial #: 15957255-009-01 Type/Class: ONAN; Catalog #: N/A; Phase: 3; Voltage Rating: 4,160-480Y/277 Impedance: 5.4%; Temp. Rise: 65 °C; Winding material: CU; Weight: 7,171 BIL: 30/60 kV; Gallons: 314; Winding configuration: Delta-Wye; KVA Rating: 750; Set Tap Position: C = 4,160; Ambient: 75 °F ; Humidity: 79 %	\$
41	TC-1 located ate Building F	Manufacturer: Eaton; Serial #: 1459000668; Type/Class: ONAN; Catalog #: N/A; Phase: 3; Voltage Rating: 4,160-480Y/277; Impedance: 6.2%; Temp. Rise: 65 °C; Winding material: CU; Weight: 11,715; BIL: 30/60 kV; Gallons: 593; Winding Configuration: Delta-Wye; KVA	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
		Rating: 1500; Set Tap Position: C = 4,160; Ambient: 77 °F; Humidity: 45 %	
42	TC-2 located at Building F	Manufacturer: Eaton; Serial #: 1459000657; Type/Class: ONAN; Catalog #: N/A; Phase: 3 Voltage Rating: 4,160-480Y/277; Impedance: 6.3% Temp. Rise: 65 °C; Winding material: CU; Weight: 11,715; BIL: 30/60; kV Gallons: 593; Winding Configuration: Delta-Wye; KVA Rating: 1500; Set Tap Position: C = 4,160; Ambient: 75 °F; Humidity: 79 %	\$
43	TC-3 located at Building N	Manufacturer: Eaton; Serial #: 1459000557; Type/Class: ONAN; Catalog #: N/A; Phase: 3 Voltage Rating: 4,160-480Y/277; Impedance: 6.3%; Temp. Rise: 65 °C; Winding Material: CU; Weight: 11,715; BIL: 30/60 kV; Gallons: 593; Winding Configuration: Delta-Wye; KVA Rating: 1500; Set Tap Position: C = 4,160 ; Ambient: 77 °F; Humidity: 45 %	\$
44	TC-4 located at Building N	Manufacturer: Eaton; Serial #: 1459000558; Type/Class: ONAN; Catalog #: N/A; Phase: 3; Voltage Rating: 4,160-480Y/277; Impedance: 6.3%; Temp. Rise: 65 °C; Winding Material: CU; Weight: 11,715; BIL: 30/60 kV; Gallons: 593; Winding Configuration: Delta-Wye KVA Rating: 1500; Set Tap Position: C = 4,160; Ambient: 75 °F; Humidity: 79 %	\$
45	TX-L-2A located at Building L SWGR L-2A	Manufacturer: Square D; Serial #: 996131-D1; Type/Class: AA/FA; Catalog #: N/A; Phase: 3 Voltage Rating: 4,160-480Y/277; Impedance: 5.81%; Temp. Rise: 65 °C; Winding Material: CU; Weight: 13,607lbs; BIL: 30/60 kV; Gallons: dry type; Winding Configuration: Delta-Wye; KVA Rating: 2000/2667kVA; Set Tap Position: C = 4,160; Ambient: 77 °F; Humidity: 45 %	\$
46	TX-L-2B located at Building L, 3rd Floor	Manufacturer: Square D; Serial #: 996131-C1; Type/Class: AA/FA; Catalog #: N/A; Phase: 3; Voltage Rating: 4,160-480Y/277; Impedance: 5.78%; Temp. Rise: 80 °C; Winding Material: CU; Weight: 13,607 BIL: 30/60 kV; Gallons: N/A; Winding Configuration: Delta-Wye; KVA Rating: 2000; Set Tap Position: 3-4 = 4,150; Ambient: °F; Humidity: %	\$
47	Feeder Breaker A1 located at Building F, SWGR SS-1	Manufacturer: Square D; Serial #: 17-38825; Type/Class: VR (Vacuum Breaker); Catalog #: N/A Voltage Rating: 4,760 kV; Close Volts: 104-127 VAC; Trip Volts: 70-140 VDC; Ampere: 1200; Interrupt rating: 60 kA; Motor Volts: 120 VAC; Ambient: °F	\$
48	Feeder Breaker A2 located at Building F, SWGR SS-1	Manufacturer: Square D; Serial #: 17-38824; Type/Class: VR (Vacuum Breaker); Catalog #: N/A Voltage Rating: 4,760 kV; Close Volts: 104-127 VAC; Trip Volts: 70-140 VDC; Ampere: 1200; Interrupt rating: 60 kA; Motor Volts: 120 VAC; Ambient: °F; Humidity: %	\$
49	Feeder Breaker A3 located at Building F, SWGR SS-1	Manufacturer: Square D; Serial #: 17-38821; Type/Class: VR (Vacuum Breaker); Catalog #: N/A; Voltage Rating: 4,760 kV; Close Volts: 104-127 VAC; Trip Volts: 70-140 VDC; Ampere: 1200; Interrupt Rating: 60 kA; Motor Volts: 120 VAC; Ambient: °F; Humidity: %	\$
50	Feeder Breaker A4, located at Building F, SWGR SS-1	Manufacturer: Square D; Serial #: 17-38820; Type/Class: VR (Vacuum Breaker); Catalog #: N/A; Voltage Rating: 4,760 kV; Close Volts: 104-127 VAC; Trip Volts: 70-140 VDC; Ampere: 1200; Interrupt Rating: 60 kA; Motor Volts: 120 VAC; Ambient: °F; Humidity: %	\$
51	Feeder Breaker B1 located at Building F, SWGR SS-1A	Manufacturer: Square D; Serial #: 17-38835; Type/Class: VR (Vacuum Breaker); Catalog #: N/A; Voltage Rating: 4,760 kV; Close Volts: 104-127 VAC; Trip Volts: 70-140 VDC; Ampere: 1200; Interrupt Rating: 60 kA; Motor Volts: 120 VAC; Ambient: °F; Humidity: %	\$
52	Feeder Breaker B2 located at Building F, SWGR SS-1	Manufacturer: Square D; Serial #: 17-38834; Type/Class: VR (Vacuum Breaker); Catalog #: N/A Voltage Rating: 4,760 kV; Close Volts: 104-127 VAC; Trip Volts: 70-140 VDC; Ampere: 1200; Interrupt Rating: 60 kA; Motor Volts: 120 VAC; Ambient: °F; Humidity: %	\$
53	Feeder Breaker B3 located at Building F, SWGR SS-1	Manufacturer: Square D; Serial #: 17-81599; Type/Class: VR (Vacuum Breaker); Catalog #: N/A Voltage Rating: 4,760 kV; Close Volts: 104-127 VAC; Trip Volts: 70-140	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
		VDC; Ampere: 1200; Interrupt Rating: 60 kA; Motor Volts: 120 VAC; Ambient: °F; Humidity: %	
54	Feeder Breaker B4 located at Building F, SWGR SS-1	Manufacturer: Square D; Serial #: 17-38831; Type/Class: VR (Vacuum Breaker); Catalog #: N/A; Voltage Rating: 4,760 kV; Close Volts: 104-127 VAC; Trip Volts: 70-140 VDC; Ampere: 1200; Interrupt Rating: 60 kA; Motor Volts: 120 VAC; Ambient: °F; Humidity: %	\$
55	Main Breaker SS-1B located at Building F, SWGR SS-1A	Manufacturer: Square D; Serial #: 17-38828; Type/Class: VR (Vacuum Breaker); Catalog #: N/A; Voltage Rating: 4,760 kV; Close Volts: 104-127 VAC; Trip Volts: 70-140 VDC; Ampere: 1200; Interrupt Rating: 60 kA; Motor Volts: 120 VAC; Ambient: °F; Humidity: %	\$
56	Main Breaker SS-1B located at Building F, SWGR SS-1	Manufacturer: Square D; Serial #: 17-38829; Type/Class: VR (Vacuum Breaker); Catalog #: N/A; Voltage Rating: 4,760 kV; Close Volts: 104-127 VAC; Trip Volts: 70-140 VDC; Ampere: 1200; Interrupt Rating: 60 kA; Motor Volts: 120 VAC; Ambient: °F; Humidity: %	\$
57	Tie Breaker located at Building F, SWGR SS-1/SS-1A	Manufacturer: Square D; Serial #: 17-38826; Type/Class: VR (Vacuum Breaker); Catalog #: N/A; Voltage Rating: 4,760 kV; Close Volts: 104-127 VAC; Trip Volts: 70-140 VDC; Ampere: 1200; Interrupt Rating: 60 kA; Motor Volts: 120 VAC; Ambient: °F; Humidity: %	\$
58	60-DP-1 located at NMF Building	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 520MC; Trip Bar: N/A; Long Time Pick-Up: 0.9; Long Time Delay: 24; Short Time Pick-Up: 10; Short Time Delay: 0.2 I; 2T In Out; Ground Fault Pick-Up: 0.25; Ground Fault Delay: 0.2 I 2T In Out; Instantaneous: 10; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: LLY0011038; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 250 A; CT Tap: N/A; Plug Rating: 250 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
59	60-DP-3 located at NMF Building	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 520MC; Trip Bar: N/A; Long Time Pick-Up: 0.5; Long Time Delay: 20; Short Time Pick-Up: 8; Short Time Delay: 0.2 I 2T In Out; Ground Fault Pick-Up: 0.25; Ground Fault Delay: 0.2 I 2T In Out; Instantaneous: 8; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: LLY0011038; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 400 A; CT Tap: N/A; Plug Rating: 400 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
60	Main 2000 A located at NMF Building	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 520MC; Trip Bar: N/A; Long Time Pick-Up: 1; Long Time Delay: 4; Short Time Pick-Up: 3; Short Time Delay: 0.2 I 2T In Out; ; Ground Fault Pick-Up: 0.25; Ground Fault Delay: 0.3 I 2T In Out; ; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: LLY0011038; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 2000 A; Sensor/CT Rating: 2000 A; CT Tap: N/A; Plug Rating: 2000 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
61	Main M2C located at NMF Building	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 520MC; Trip Bar: N/A; Long Time Pick-Up: 1; Long Time Delay: 2; Short Time Pick-Up: 2.5; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: 0.25; Ground Fault Delay: 0.3 I; 2T In Out; Instantaneous: 10; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: LLY0011038; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 2000 A; Sensor/CT Rating: 2000 A; CT Tap: N/A; Plug Rating: 2000 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
62	MCC-60 located at NMF Building	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 520MC; Trip Bar: N/A; Long Time Pick-Up: 1; Long Time Delay: 2; Short Time Pick-Up: 3; Short Time Delay: 0.2 I; 2T In Out; Ground Fault Pick-Up: 0.25; Ground Fault Delay: 0.2 I; 2T In Out; Instantaneous: 4; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: LLY0011038; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 600	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
		A; CT Tap: N/A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	
63	Nutrient Management Pump #1 located at NMF Building	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 520MC; Trip Bar: N/A; Long Time Pick-Up: 0.6; Long Time Delay: 15; Short Time Pick-Up: 4; Short Time Delay: 0.2 I 2T In Out; Ground Fault Pick-Up: 0.25; Ground Fault Delay: 0.2 I 2T In Out; Instantaneous: 4; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: LLY0011038; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 600 A; CT Tap: N/A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
64	Nutrient Management Pump #3 located at NMF Building	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 520MC; Trip Bar: N/A; Long Time Pick-Up: 0.6; Long Time Delay: 15; Short Time Pick-Up: 10; Short Time Delay: 0.2 I 2T In Out; Ground Fault Pick-Up: 0.25; Ground Fault Delay: 0.2 I 2T In Out; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: LLY0011038; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 600 A; CT Tap: N/A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
65	Nutrient Management Pump #5 locate at NMF Building	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 520MC; Trip Bar: N/A; Long Time Pick-Up: 0.6; Long Time Delay: 15; Short Time Pick-Up: 4; Short Time Delay: 0.2 I 2T In Out; Ground Fault Pick-Up: 0.25; Ground Fault Delay: 0.2 I 2T In Out; Instantaneous: 4; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: LLY0011038; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 600 A; CT Tap: N/A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
66	Nutrient Management Pump #7 located at NMF Building	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 520MC; Trip Bar: N/A; Long Time Pick-Up: 0.6; Long Time Delay: 15; Short Time Pick-Up: 4; Short Time Delay: 0.2 I 2T In Out; Ground Fault Pick-Up: 0.25; Ground Fault Delay: 0.2 I 2T In Out; Instantaneous: 4; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: LLY0011038; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 600 A; CT Tap: N/A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
67	Odorous Air Fan #1 located at NMF Building	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 520MC; Trip Bar: N/A; Long Time Pick-Up: 0.6; Long Time Delay: 12; Short Time Pick-Up: 10; Short Time Delay: 0.2 I 2T In Out; Ground Fault Pick-Up: 0.25; Ground Fault Delay: 0.2 I 2T In Out; Instantaneous: 8; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: LLY0011038; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 300 A; CT Tap: N/A; Plug Rating: 300 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
68	Odorous Air Fan #2 located at NMF Building	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 520MC; Trip Bar: N/A; Long Time Pick-Up: 0.6; Long Time Delay: 7; Short Time Pick-Up: 8; Short Time Delay: 0.2 I 2T In Out; Ground Fault Pick-Up: 0.25; Ground Fault Delay: 0.2 I 2T In Out; Instantaneous: 8; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: LLY0011038; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 300 A; CT Tap: N/A; Plug Rating: 300 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
69	Odorous Air Fan #3 located at NMF Building	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 520MC; Trip Bar: N/A; Long Time Pick-Up: 0.6; Long Time Delay: 7; Short Time Pick-Up: 8; Short Time Delay: 0.2 I 2T In Out; Ground Fault Pick-Up: 0.25; Ground Fault Delay: 0.2 I 2T In Out; Instantaneous: 8; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: LLY0011038; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 300 A; CT	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
		Tap: N/A; Plug Rating: 300 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	
70	Odorous Air Fan #4 located at NMF Building	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 520MC; Trip Bar: N/A; Long Time Pick-Up: 0.6; Long Time Delay: 7; Short Time Pick-Up: 8; Short Time Delay: 0.2 I 2T In Out; Ground Fault Pick-Up: 0.25; Ground Fault Delay: 0.2 I 2T In Out; Instantaneous: 8; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: LLY0011038; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 300 A; CT Tap: N/A; Plug Rating: 300 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
71	Breaker 600V located at Building EC, Covered Parking Area	NA	\$
72	CP-TCEN 6 located at Building L SWGR-L-1B	Manufacturer: Square D; Serial #: NON04063; Type: DS# 608; Trip Unit: Digitrip RMS 510; Trip Bar: DTA; Long Time Pick-Up: .8=640 A; Long Time Delay: 24; Short Time Pick-Up: 4; Short Time Delay: .1 I 2T In Out; Ground Fault Pick-Up: D; Ground Fault Delay: .1 I 2T In Out; Instantaneous: M2=12; Blown Fuse Indicator: NA; Class: DOCB; Phase: 3; Catalog #: CNTJ04063; Voltage Rating: 635; Interrupter Rating: 65KA@508; Ampere Rating: 800; Sensor/CT Rating: 800; CT Tap: 800; Plug Rating: 800; Contacts: OK; Operating Mechanism: OK; Primary Fingers: OK; Wire: 4	\$
73	Main A located Building 5, SWGR-23	Manufacturer: Square D; Serial #: SED361600LSGS3A8; Type: SE; Trip Unit: Micrologic Series B; Trip Bar: N/A; Long Time Pick-Up: 1; Long Time Delay: 7; Short Time Pick-Up: 2.5; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: 0.45; Ground Fault Delay: 0.32 I 2T In Out; Instantaneous: 3; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: N/A; Voltage Rating: 600 V; Interrupter Rating: 100 kA @ 480 V; Ampere Rating: 1600 A; Sensor/CT Rating: 1600 A; CT Tap: 600 A; Plug Rating: 1600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
74	Tie Breaker located at Building 5, SWGR-23	Manufacturer: Square D; Serial #: SED361600LSGS3A8; Type: SE; Trip unit: Micrologic Series B; Trip Bar: N/A; Long Time Pick-Up: 0.9; Long Time Delay: 4.5; Short Time Pick-Up: 4; Short Time Delay: 0.2 I 2T In Out; Ground Fault Pick-Up: 0.3; Ground Fault Delay: 0.2 I 2T In Out; Instantaneous: 10; Blown Fuse Indicator: N/A; Class: DOCB1600 A; CT Tap: 600 A; Plug Rating: 1600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4; Phase: 3; Catalog #: N/A; Voltage Rating: 600 V; Interrupter Rating: 100 kA @ 480 V; Ampere Rating: 1600 A; Sensor/CT Rating:	\$
75	Main A located at Building A, SWGR-A-1A	Manufacturer: Square D; Serial #: 085009243902; Type: NW 32 H1; Trip Unit: Micrologic 6.0 P; Trip Bar: DTA; Long Time Pick-Up: 1; Long Time Delay: 4; Short Time Pick-Up: 2; Short Time Delay: 0.2 I 2T In Out; Ground Fault Pick-Up: A; Ground Fault Delay: 0.3 I 2T In Out; Instantaneous: 15; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: WA4ATR64A3XXXXXA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 3200 A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 2500 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
76	MCC-A-1A located at Building A, SWGR-A-1A	Manufacturer: Square D; Serial #: 085009243806; Type: NW 08 H1; Trip Unit: Micrologic 6.0 P; Trip Bar: DTA; Long Time Pick-Up: 1; Long Time Delay: 24; Short Time Pick-Up: 5; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: A; Ground Fault Delay: 0.1 I 2T In Out; Instantaneous: 8; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: WA4ATR64A3XXXXXA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
77	MCC-K-1A located at Building A, SWGR-A-1A	Manufacturer: Square D; Serial #: 085009243801; Type: NW 08 H1; Trip Unit: Micrologic 6.0 P; Trip Bar: DTA; Long Time Pick-Up: 1; Long Time Delay: 24; Short Time Pick-Up: 6; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: A; Ground Fault Delay: 0.1 I 2T In Out; Instantaneous: 15; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: WA4ATR64A3XXXXXA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
78	Raw Sewage Pump #1 located at Building A, SWGR-A-1A	Manufacturer: Square D; Serial #: 085009243807 Type: NW 08 H1; Trip Unit: Micrologic 6.0 P; Trip Bar: DTA; Long Time Pick-Up: 1; Long Time Delay: 24; Short Time Pick-Up: 6; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: A; Ground Fault Delay: 0.1 I 2T In Out; Instantaneous: 15; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: WA4ATR64A3XXXXXA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
79	Raw Sewage Pump #3 located at Building A, SWGR-A-1A	Manufacturer: Square D; Serial #: 085009243802 Type: NW 08 H1; Trip Unit: Micrologic 6.0 P; Trip Bar: DTA; Long Time Pick-Up: 1; Long Time Delay: 24; Short Time Pick-Up: 6; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: A; Ground Fault Delay: 0.1 I 2T In Out; Instantaneous: 15; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: WA4ATR64A3XXXXXA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
80	Raw Sewage Pump #5 located at Building A, SWGR-A-1A	Manufacturer: Square D; Serial #: 085009243809; Type: NW 08 H1; Trip Unit: Micrologic 6.0 P; Trip Bar: DTA; Long Time Pick-Up: 1; Long Time Delay: 24; Short Time Pick-Up: 6; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: A; Ground Fault Delay: 0.1 I 2T In Out; Instantaneous: 15; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: WA4ATR64A3XXXXXA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
81	Spare Breaker A located Building A, SWGR-A-1A	Manufacturer: Square D; Serial #: 085009243810 Type: NW 08 H1; Trip Unit: Micrologic 6.0 P Trip Bar: DTA; Long Time Pick-Up: 1; Long Time Delay: 24; Short Time Pick-Up: 6; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: A; Ground Fault Delay: 0.1 I; 2T In Out; Instantaneous: 15; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: WA4ATR64A3XXXXXA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
82	Main B located at Building A, SWGR-A-1B	Manufacturer: Square D; Serial #: 085009243901; Type: NW 32 H1; Trip Unit: Micrologic 6.0 P; Trip Bar: DTA; Long Time Pick-Up: 1; Long Time Delay: 4; Short Time Pick-Up: 2; Short Time Delay: 0.2 I 2T In Out; Ground Fault Pick-Up: A; Ground Fault Delay: 0.3 I 2T In Out; Instantaneous: 15; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: WA4ATR64A3XXXXXA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 3200 A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 2500 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
83	MCC-A-1B located at Building A, SWGR-A-1B	Manufacturer: Square D; Serial #: 085009243808 Type: NW 08 H1; Trip Unit: Micrologic 6.0 P; Trip Bar: DTA; Long Time Pick-Up: 1; Long Time Delay: 24; Short	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
		Time Pick-Up: 6; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: A; Ground Fault Delay: 0.1 I 2T In Out; Instantaneous: 15; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: WA4ATR64A3XXXXXXA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	
84	MCC-K-1B located at Building A, SWGR-A-1B	Manufacturer: Square D; Serial #: 085009243804; Type: NW 08 H1; Trip Unit: Micrologic 6.0 P; Trip Bar: DTA; Long Time Pick-Up: 1; Long Time Delay: 24; Short Time Pick-Up: 6; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: A; Ground Fault Delay: 0.1 I 2T In Out; Instantaneous: 15; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: WA4ATR64A3XXXXXXA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
85	Raw Sewage Pump #2 located at Building A, SWGR-A-1B	Manufacturer: Square D; Serial #: 085009243803; Type: NW 08 H1; Trip Unit: Micrologic 6.0 P; Trip Bar: DTA; Long Time Pick-Up: 1; Long Time Delay: 24; Short Time Pick-Up: 6; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: A; Ground Fault Delay: 0.1 I 2T In Out; Instantaneous: 15; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: WA4ATR64A3XXXXXXA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
86	Raw Sewage Pump #4 located at Building A, SWGR-A-1B	Manufacturer: Square D; Serial #: 085009243805; Type: NW 08 H1; Trip Unit: Micrologic 6.0 P; Trip Bar: DTA; Long Time Pick-Up: 1; Long Time Delay: 24; Short Time Pick-Up: 6; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: A; Ground Fault Delay: 0.1 I 2T In Out; Instantaneous: 15; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: WA4ATR64A3XXXXXXA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
87	Raw Sewage Pump #6 located at Building A, SWGR-A-1B	Manufacturer: Square D; Serial #: 085009243701; Type: NW 08 H1; Trip Unit: Micrologic 6.0 P; Trip Bar: DTA; Long Time Pick-Up: 1; Long Time Delay: 24; Short Time Pick-Up: 6; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: A; Ground Fault Delay: 0.1 I 2T In Out; Instantaneous: 15; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: WA4ATR64A3XXXXXXA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 800 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
88	Spare Breaker B located at Building A, SWGR-A-1B	Manufacturer: Square D; Serial #: 0850092438702; Type: NW 08 H1; Trip Unit: Micrologic 6.0 P; Trip Bar: DTA; Long Time Pick-Up: 1; Long Time Delay: 24; Short Time Pick-Up: 6; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: A; Ground Fault Delay: 0.1 I 2T In Out; Instantaneous: 15; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: WA4ATR64A3XXXXXXA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: N/A; CT Tap: N/A; Plug Rating: 800 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
89	G1-1B Main Breaker located at Building G, SWGR-G1-1B	Manufacturer: Cutler Hammer; Serial #: 4135425076; Type: DS II 632; Trip Unit: Digitrip 510; Trip Bar: n/a; Long Time Pick-Up: 1.0=3000; Long Time Delay: 2; Short Time Pick-Up: 2.0=6000; Short Time Delay: .3 I 2T In Out; Ground Fault Pick-Up: C; Ground Fault Delay: .5 I 2T In Out; Instantaneous: n/a; Blown Fuse Indicator: n/a; Class: DOCB; Phase: 3; Catalog #: LLY03865; Voltage Rating: 600; Interrupter Rating: 65kA@508V; Ampere Rating: 3200; Sensor/CT Rating: 3200; CT Tap: n/a; Plug Rating: 3000; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
91	G4-MCC located at Building G, SWGR-G5-2A	Manufacturer: Eaton; Serial #: 4135572079; Type: DS II 608; Trip Unit: Digitrip 610; Trip Bar: n/a; Long Time Pick-Up: .7=420; Long Time Delay: 2; Short Time Pick-Up: 10; Short Time Delay: .1 I 2T In Out; Ground Fault Pick-Up: E; Ground Fault Delay: .2 I 2T In Out; Instantaneous: M1=8; Blown Fuse Indicator: n/a; Class: DOCB; Phase: 3; Catalog #: LLY03865; Voltage Rating: 600; Interrupter Rating: 65kA@480V; Ampere Rating: 800; Sensor/CT Rating: 800; CT Tap: n/a; Plug Rating: 600; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
92	G5 Main B located at Building G, SWGR-G5-2A	Manufacturer: Cutler Hammer; Serial #: 4135572078; Type: DS II 608; Trip Unit: Digitrip 610; Trip Bar: n/a; Long Time Pick-Up: 1.0=800; Long Time Delay: 4; Short Time Pick-Up: 2.0=1600; Short Time Delay: .3 I 2T In Out; Ground Fault Pick-Up: E; Ground Fault Delay: .5 I 2T In Out; Instantaneous: n/a; Blown Fuse Indicator: n/a; Class: DOCB; Phase: 3; Catalog #: LLY03865; Voltage Rating: 600; Interrupter Rating: 65kA@508V; Ampere Rating: 800; Sensor/CT Rating: 800; CT Tap: n/a; Plug Rating: 800; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
93	G5-MCC located at Building G, SWGR-G2-2A	Manufacturer: Eaton; Serial #: 4135572079; Type: DS II 608; Trip Unit: Digitrip 610; Trip Bar: n/a; Long Time Pick-Up: 1.0=600; Long Time Delay: 2; Short Time Pick-Up: 3=1800; Short Time Delay: .1 I 2T In Out; Ground Fault Pick-Up: E; Ground Fault Delay: .2 I 2T In Out; Instantaneous: M1=8; Blown Fuse Indicator: n/a; Class: DOCB; Phase: 3; Catalog #: LLY03865; Voltage Rating: 600; Interrupter Rating: 65kA@508V; Ampere Rating: 800; Sensor/CT Rating: 800; CT Tap: n/a; Plug Rating: 600; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
94	Intermediate Pump #4 located at Building G. SWGR-G1-1A	Manufacturer: Cutler Hammer; Serial #: 413542078; Type: DS II 608; Trip Unit: Digitrip 510; Trip Bar: n/a; Long Time Pick-Up: .9=720; Long Time Delay: 7; Short Time Pick-Up: 5=4000; Short Time Delay: .1 I 2T In Out; Ground Fault Pick-Up: B; Ground Fault Delay: .2 I 2T In Out; Instantaneous: M1=8; Blown Fuse Indicator: n/a; Class: DOCB; Phase: 3; Catalog #: LLY00208; Voltage Rating: 600; Interrupter Rating: 65kA@480V; Ampere Rating: 800; Sensor/CT Rating: 800; CT Tap: n/a; Plug Rating: 800; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
95	Main A Switchgear 1A	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 1150+; Trip Bar: N/A; Long Time Pick-Up: .75; Long Time Delay: 6; Short Time Pick-Up: 2.5; Short Time Delay: .45 I 2 T In Out; Ground Fault Pick-Up: .35; Ground Fault Delay: .40 I 2 T In Out; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN60853XEA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 1600 A; Sensor/CT Rating: 1600 A; CT Tap: N/A; Plug Rating: 1600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
96	Main B Switchgear 1A	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 1150+; Trip Bar: N/A; Long Time Pick-Up: .75; Long Time Delay: 6; Short Time Pick-Up: 2.5; Short Time Delay: .45 I 2 T In Out; Ground Fault Pick-Up: .35; Ground Fault Delay: .40 I 2 T In Out; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN60853XEA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 1600 A; Sensor/CT Rating: 1600 A; CT Tap: N/A; Plug Rating: 1600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
97	MCC-69-A Switchgear 1A	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 1150+; Trip Bar: N/A; Long Time Pick-Up: 1.0; Long Time Delay: 4; Short Time Pick-Up: 2.5; Short Time Delay: .2 I 2 T In Out; Ground Fault Pick-Up: .35; Ground Fault Delay: .2 I 2 T In Out; Instantaneous: off; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN60853XEA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 600 A; CT Tap: N/A; Plug Rating: 800 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
98	MCC-69-B located at Switchgear 1A	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 1150+; Trip Bar: N/A; Long Time Pick-Up: 1.0; Long Time Delay: 4; Short Time Pick-Up: 2.5; Short Time Delay: .2 I 2 T In Out; Ground Fault Pick-Up: .35; Ground Fault Delay: .2 I 2 T In Out; Instantaneous: off; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN60853XEA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 800 A; CT Tap: N/A; Plug Rating: 800 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
99	MCC-G1-1A located at Switchgear 1A	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 1150+; Trip Bar: N/A; Long Time Pick-Up: 1.0; Long Time Delay: 7.5; Short Time Pick-Up: 3.5; Short Time Delay: .20 I 2 T In Out; Ground Fault Pick-Up: .50; Ground Fault Delay: .20 I 2 T In Out; Instantaneous: off; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN60853XEA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 600 A; CT Tap: N/A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
100	MCC-G1-1B located at Switchgear 1A	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 1150+; Trip Bar: N/A; Long Time Pick-Up: 1.0; Long Time Delay: 7.5; Short Time Pick-Up: 3.5; Short Time Delay: .20 I 2 T In Out; Ground Fault Pick-Up: .50; Ground Fault Delay: .30 I 2 T In Out; Instantaneous: off; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN60853XEA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 600 A; CT Tap: N/A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
101	MCC-G2-1A located at Switchgear 1A	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 1150+; Trip Bar: N/A; Long Time Pick-Up: 1.0; Long Time Delay: 7.5; Short Time Pick-Up: 3.5; Short Time Delay: .20 I 2 T In Out; Ground Fault Pick-Up: .50; Ground Fault Delay: .20 I 2 T In Out; Instantaneous: off; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN60853XEA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 600 A; CT Tap: N/A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
102	Switchgear 1A MCC-G2-1A	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 1150+; Trip Bar: N/A; Long Time Pick-Up: 1.0; Long Time Delay: 7.5; Short Time Pick-Up: 3.5; Short Time Delay: .20 I 2 T In Out; Ground Fault Pick-Up: .50; Ground Fault Delay: .20 I 2 T In Out; Instantaneous: off; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
		#: MDN60853XEA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 600 A; CT Tap: N/A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	
103	Switchgear 1A MCC-MA-1B	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 1150+; Trip Bar: N/A; Long Time Pick-Up: 1.0; Long Time Delay: 7; Short Time Pick-Up: 3.5; Short Time Delay: .15 I 2 T In Out; Ground Fault Pick-Up: .50; Ground Fault Delay: .20 I 2 T In Out; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN60853XEA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 600 A; CT Tap: N/A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
104	Switchgear 1A MCC-MA-3B	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 1150+; Trip Bar: N/A; Long Time Pick-Up: 1.0; Long Time Delay: 10; Short Time Pick-Up: 7.0; Short Time Delay: .15 I 2 T In Out; Ground Fault Pick-Up: .50; Ground Fault Delay: .20 I 2 T In Out; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN60853XEA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 300 A; CT Tap: N/A; Plug Rating: 300 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
105	Switchgear 1A PDP-PA-1A	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 1150+; Trip Bar: N/A; Long Time Pick-Up: 1.0; Long Time Delay: 20; Short Time Pick-Up: 7.0; Short Time Delay: .15 I 2 T In Out; Ground Fault Pick-Up: .5; Ground Fault Delay: .2 I 2 T In Out; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN60853XEA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 300 A; CT Tap: N/A; Plug Rating: 300 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
106	Switchgear 1A PDP-PA-1B	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 1150+; Trip Bar: N/A; Long Time Pick-Up: 1.0; Long Time Delay: 20; Short Time Pick-Up: 7; Short Time Delay: .15 I 2 T In Out; Ground Fault Pick-Up: .50; Ground Fault Delay: .20 I 2 T In Out; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN60853XEA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 300 A; CT Tap: N/A; Plug Rating: 300 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
107	Switchgear 1A PDP-PA-2A	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 1150+; Trip Bar: N/A; Long Time Pick-Up: 1.0; Long Time Delay: 20; Short Time Pick-Up: 7.0; Short Time Delay: .15 I 2 T In Out; Ground Fault Pick-Up: .5; Ground Fault Delay: .2 I 2 T In Out; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN60853XEA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
		Rating: 300 A; CT Tap: N/A; Plug Rating: 300 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	
108	Switchgear 1A PDP-PA-2B	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 1150+; Trip Bar: N/A; Long Time Pick-Up: 1.0; Long Time Delay: 20; Short Time Pick-Up: 7.0; Short Time Delay: .15 I 2 T In Out; Ground Fault Pick-Up: .5; Ground Fault Delay: .2 I 2 T In Out; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN60853XEA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 300 A; CT Tap: N/A; Plug Rating: 300 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
109	Switchgear 1A PDP-PA-3A	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 1150+; Trip Bar: N/A; Long Time Pick-Up: 1.0; Long Time Delay: 20; Short Time Pick-Up: 7.0; Short Time Delay: .15 I 2 T In Out; Ground Fault Pick-Up: .50; Ground Fault Delay: .20 I 2 T In Out; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN60853XEA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 300 A; CT Tap: N/A; Plug Rating: 300 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
110	Switchgear 1A PDP-PA-3B	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 1150+; Trip Bar: N/A; Long Time Pick-Up: 1.0; Long Time Delay: 20; Short Time Pick-Up: 7.0; Short Time Delay: .15 I 2 T In Out; Ground Fault Pick-Up: .50; Ground Fault Delay: .20 I 2 T In Out; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN60853XEA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 300 A; CT Tap: N/A; Plug Rating: 300 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
111	Building G, SWGR-G2-1A SWGR 1-A Side 2	Manufacturer: Cutler Hammer; Serial #: 4135425080; Type: DS II 616; Trip Unit: Digitrip 510; Trip Bar: n/a; Long Time Pick-Up: 1=1200; Long Time Delay: 7; Short Time Pick-Up: 2.5=2400; Short Time Delay: .5 I 2 T In Out; Ground Fault Pick-Up: D; Ground Fault Delay: .5 I 2 T In Out; Instantaneous: n/a; Blown Fuse Indicator: n/a; Class: DOCB; Phase: 3; Catalog #: LLY00208; Voltage Rating: 600; Interrupter Rating: 65kA; Ampere Rating: 1600; Sensor/CT Rating: 1600; CT Tap: n/a; Plug Rating: 1200; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
112	Switchgear 1A Spare 300A	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS ; Trip Unit: Digitrip 1150+; Trip Bar: N/A; Long Time Pick-Up: 1.0; Long Time Delay: 8; Short Time Pick-Up: 5; Short Time Delay: .2 I 2 T In Out; Ground Fault Pick-Up: .67; Ground Fault Delay: .30 I 2 T In Out; Instantaneous: 10; Blown Fuse Indicator: N/A; Class: DOCB ;Phase: 3; Catalog #: MDN60853XEA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 300 A; CT Tap: N/A; Plug Rating: 300 A ;Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
113	Switchgear 1A Spare B	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 1150+; Trip Bar: N/A; Long Time Pick-Up: 1.0; Long Time Delay: 8; Short Time Pick-Up: 5; Short Time Delay: .20 I 2 T In Out; Ground Fault Pick-Up: .66; Ground Fault Delay: .20 I 2 T In Out; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN60853XEA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 800 A; CT Tap: N/A; Plug Rating: 800 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
114	Switchgear 1A Spare	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 1150+; Trip Bar: N/A; Long Time Pick-Up: 1.0; Long Time Delay: 2; Short Time Pick-Up: 5.0; Short Time Delay: .2 I 2 T In Out; Ground Fault Pick-Up: .66; Ground Fault Delay: .3 I 2 T In Out; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN60853XEA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 600 A; CT Tap: N/A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
115	Switchgear 1A Tie	Manufacturer: Eaton; Serial #: N/A; Type: Magnum DS; Trip Unit: Digitrip 1150+; Trip Bar: N/A; Long Time Pick-Up: .60; Long Time Delay: 5.5; Short Time Pick-Up: 2.5; Short Time Delay: .35 I 2 T In Out; Ground Fault Pick-Up: .25; Ground Fault Delay: .30 I 2 T In Out; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: MDN60853XEA; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 635 V; Ampere Rating: 1600 A; Sensor/CT Rating: 1600 A; CT Tap: N/A; Plug Rating: 1600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
116	Building G, SWGR-G2 TX-4A-2	Manufacturer: Cutler Hammer; Serial #: 4135P49369; Type: DS II 616; Trip Unit: Digitrip 510; Trip Bar: n/a; Long Time Pick-Up: 1=1200 Long Time Delay: 2; Short Time Pick-Up: 4=4800; Short Time Delay: .2 I 2 T In Out; Ground Fault Pick-Up: A; Ground Fault Delay: .1 I 2 T In Out Instantaneous: n/a; Blown Fuse Indicator: n/a; Class: DOCB; Phase: 3; Catalog #: PA5202101; Voltage Rating: 600; Interrupter Rating: 65kA Ampere Rating: 1600; Sensor/CT Rating: 1200 CT Tap: n/a; Plug Rating: 1200; Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
117	Building G, SWGR-G5-2A Spare B Side	Manufacturer: Cutler Hammer; Serial #: 4135572079; Type: DS II 608; Trip Unit: Digitrip 610; Trip Bar: n/a; Long Time Pick-Up: 1; Long Time Delay: 2; Short Time Pick-Up: 10; Short Time Delay: .1 I 2 T In Out; Ground Fault Pick-Up: E; Ground Fault Delay: .2 I 2 T In Out; Instantaneous: M1=8; Blown Fuse Indicator: n/a; Class: DOCB; Phase: 3; Catalog #: LLY03865; Voltage Rating: 600; Interrupter Rating: 65kA@508V; Ampere Rating: 800; Sensor/CT Rating: 800 ;CT Tap: n/a ;Plug Rating: 600 ;Contacts: ok; Operating Mechanism: ok; Primary Fingers: ok; Wire: 4	\$
118	Building L, SWGR-L-1A CP-TCEN 1	Manufacturer: Square D; Serial #: NON04063; Type: DS #608; Trip Unit: Digitrip RMS 510; Trip Bar: DTA; Long Time Pick-Up: 1; Long Time Delay: 24; Short Time Pick-Up: 4; Short Time Delay: 0.1 I 2 T In Out; Ground Fault Pick-Up: D; Ground Fault Delay: 0.1 I 2 T In Out; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: CIVT J04063; Voltage Rating: 635 V; Interrupter Rating: 85 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 800 A; CT Tap: 800 A; Plug Rating: 800 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
119	Building L, SWGR-L-1A CP-TCEN 2	Manufacturer: Square D; Serial #: NON04063; Type: DS #608; Trip Unit: Digitrip RMS 510; Trip Bar: DTA; Long Time Pick-Up: 0.8; Long Time Delay: 24; Short Time Pick-Up: 6; Short Time Delay: 0.1 I 2 T In Out; Ground Fault Pick-Up: D; Ground Fault Delay: 0.1 I 2 T In Out; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: CIVT J04063; Voltage Rating: 635 V; Interrupter Rating: 85 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 800 A; CT Tap: 800 A; Plug Rating: 800 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
120	Building L, SWGR-L-1A CP-TCEN 3	Manufacturer: Square D; Serial #: NON04063; Type: DS #608; Trip Unit: Digitrip RMS 510; Trip Bar: DTA; Long Time Pick-Up: 0.8; Long Time Delay: 24; Short Time Pick-Up: 6; Short Time Delay: 0.1 I 2 T In Out; Ground Fault Pick-Up: D; Ground Fault Delay: 0.1 I 2 T In Out; Instantaneous: 12; Blown Fuse	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
		Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: CIVT J04063; Voltage Rating: 635 V; Interrupter Rating: 85 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 800 A; CT Tap: 800 A; Plug Rating: 800 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	
121	Building L, SWGR-L-1A Main A	Manufacturer: Square D; Serial #: 38536; Type: DS #840; Trip Unit: Digitrip RMS 510; Trip Bar: DTA; Long Time Pick-Up: 0.9; Long Time Delay: 4; Short Time Pick-Up: 2.5; Short Time Delay: 0.2 I 2T In Out; Ground Fault Pick-Up: A; Ground Fault Delay: 0.5 I 2T In Out; Instantaneous: N/A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: CIVT J38536; Voltage Rating: 635 V; Interrupter Rating: 85 kA @ 635 V; Ampere Rating: 4000 A; Sensor/CT Rating: 4000 A; CT Tap: 4000 A; Plug Rating: 4000 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
122	Building L, SWGR-L-1A MCC-L-1A	Manufacturer: Square D; Serial #: NON04063; Type: DS #616; Trip Unit: Digitrip RMS 510; Trip Bar: DTA; Long Time Pick-Up: 1; Long Time Delay: 20; Short Time Pick-Up: 5; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: A; Ground Fault Delay: 0.1 I 2T In Out; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: CIVT J04063; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 508 V; Ampere Rating: 1600 A; Sensor/CT Rating: 1600 A; CT Tap: 1600 A; Plug Rating: 1000 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
123	Building L, SWGR-L-1A MCC-L-1C	Manufacturer: Square D; ; Serial #: NON04063; Type: DS #616; Trip Unit: Digitrip RMS 510; Trip Bar: DTA; Long Time Pick-Up: 1; Long Time Delay: 20; Short Time Pick-Up: 10; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: A; Ground Fault Delay: 0.1 I 2T In Out; Instantaneous: 5; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: CIVT J04063; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 508 V; Ampere Rating: 1600 A; Sensor/CT Rating: 1600 A; CT Tap: 1600 A; Plug Rating: 1000 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
124	Building L, SWGR-L-1B CP-TCEN 4	Manufacturer: Square D; Serial #: NON04063; Type: DS #608; Trip Unit: Digitrip RMS 510; Trip Bar: DTA; Long Time Pick-Up: 0.8; Long Time Delay: 24; Short Time Pick-Up: 10; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: D; Ground Fault Delay: 0.1 I 2T In Out; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: CIVT J04063; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 508 V; Ampere Rating: 800 A; Sensor/CT Rating: 800 A; CT Tap: 800 A; Plug Rating: 800 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
125	Building L, SWGR-L-1B CP-TCEN 5	Manufacturer: Square D; Serial #: NON04063; Type: DS #608; Trip Unit: Digitrip RMS 510; Trip Bar: DTA; Long Time Pick-Up: 0.8; Long Time Delay: 24; Short Time Pick-Up: 10; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: D; Ground Fault Delay: 0.1 I 2T In Out; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: CIVT J04063; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 508 V; Ampere Rating: 800 A; Sensor/CT Rating: 800 A; CT Tap: 800 A; Plug Rating: 800 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
126	Building L, SWGR-L-1B Main B	Manufacturer: Square D; Serial #: 38536; Type: DS #840; Trip Unit: Digitrip RMS 510; Trip Bar: DTA; Long Time Pick-Up: 0.9; Long Time Delay: 4; Short Time Pick-Up: 2.5; Short Time Delay: 0.2 I 2T In Out; Ground Fault Pick-Up: A; Ground Fault Delay: 0.5 I 2T In Out; Instantaneous: N/A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: CIVT J38536; Voltage Rating: 635 V; Interrupter Rating: 85 kA @ 635 V; Ampere Rating: 4000 A; Sensor/CT Rating: 4000 A; CT Tap: 4000 A; Plug Rating: 4000 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
127	Building L, SWGR-L-1B MCC-L-1B	Manufacturer: Square D; Serial #: NON04063; Type: DS #616; Trip Unit: Digitrip RMS 510; Trip Bar: DTA; Long Time Pick-Up: 1; Long Time Delay: 20; Short Time Pick-Up: 10; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: A; Ground Fault Delay: 0.1 I 2T In Out; Instantaneous: 12; Blown Fuse	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
		Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: CIVT J04063; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 508 V; Ampere Rating: 1600 A; Sensor/CT Rating: 1600 A; CT Tap: 1600 A; Plug Rating: 1000 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	
128	Building L, SWGR-L-1B MCC-L-1D	Manufacturer: Square D; Serial #: NON04063; Type: DS #616; Trip Unit: Digitrip RMS 510; Trip Bar: DTA; Long Time Pick-Up: 1; Long Time Delay: 20; Short Time Pick-Up: 5; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: A; Ground Fault Delay: 0.1 I; 2T In Out; Instantaneous: 5; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: CIVT J04063; Voltage Rating: 635 V; Interrupter Rating: 65 kA @ 508 V; Ampere Rating: 1600 A; Sensor/CT Rating: 1600 A; CT Tap: 1600 A; Plug Rating: 1000 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
129	BNR Basins SWGR-44 MCC-44-3A	Manufacturer: Square D; Serial #: 38152; Type: DS #608; Trip Unit: Digitrip RMS 510; Trip Bar: DTA; Long Time Pick-Up: 0.8; Long Time Delay: 15; Short Time Pick-Up: 5; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: E; Ground Fault Delay: 0.1 I 2T In Out; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: CIVT J04063; Voltage Rating: 635 V; Interrupter Rating: 85 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 800 A; CT Tap: 800 A; Plug Rating: 800 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
130	BNR Basins SWGR-44 MCC-44-3C	Manufacturer: Square D; Serial #: 38152; Type: DS #608; Trip Unit: Digitrip RMS 510; Trip Bar: DTA; Long Time Pick-Up: 1; Long Time Delay: 15; Short Time Pick-Up: 5; Short Time Delay: 0.1 I 2T In Out; Ground Fault Pick-Up: F; Ground Fault Delay: 0.1 I 2T In Out; Instantaneous: 12; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: CIVT J04063; Voltage Rating: 635 V; Interrupter Rating: 85 kA @ 635 V; Ampere Rating: 800 A; Sensor/CT Rating: 800 A; CT Tap: 800 A; Plug Rating: 600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
131	BNR Basins SWGR-44 52 Tie Breaker	Manufacturer: Square D; Serial #: 38152; Type: DS #616; Trip Unit: Digitrip RMS 510; Trip Bar: DTA; Long Time Pick-Up: 1; Long Time Delay: 4; Short Time Pick-Up: 2.5; Short Time Delay: 0.2 I; 2T In Out; Ground Fault Pick-Up: D; Ground Fault Delay: 0.3 I 2T In Out; Instantaneous: N/A; Blown Fuse Indicator: N/A; Class: DOCB; Phase: 3; Catalog #: CIVT J04063; Voltage Rating: 635 V; Interrupter Rating: 85 kA @ 635 V; Ampere Rating: 1600 A; Sensor/CT Rating: 1600 A; CT Tap: 1600 A; Plug Rating: 1600 A; Contacts: Ok; Operating Mechanism: Ok; Primary Fingers: Ok; Wire: 4	\$
132	BNR Basin, SWGR 44 Main Switch A	Manufacturer: Square D; Serial #: 17-13002627-090; Type/Class: HVL; Load Interrupter Bus: Cu Al; Catalog #: 44036-325-51; Ampere Rating: 600; Voltage Rating: 4.76kV; Number of Phases: 3; Interrupter Rating: 40KA; Fuse Type: GE EJO 100 Fuse Size: 250E; Spare Fuses: 3	\$
133	BNR Basins, SWGR 44 Main Switch B	Manufacturer: Square D; Serial #: 17-13002627-094; Type/Class: HVL; Load Interrupter Bus: Cu Al; Catalog #: 44036-325-51; Ampere Rating: 600; Voltage Rating: 4.76kV; Number of Phases: 3; Interrupter Rating: 40KA; Fuse Type: GE EJO 100; Fuse Size: 250E; Spare Fuses: 3	\$
134	Building G Room G2-206 SS-2-1 (Red)	Manufacturer: S&C; Serial #: NA; Type/Class: Metal Enclosed Bus: Cu Al; Catalog #: CDA 775570; Ampere Rating: 1200; Voltage Rating: 4.8; Number of Phases: 3; Interrupter Rating: 60KA; Fuse Type: Fault Fitter Fuse Size: NA; Spare Fuses: NA	\$
135	Building G Room G2-206 SS-2-2 (Blue)	Manufacturer: S&C; Serial #: NA Type/Class: Metal Enclosed Bus: Cu Al; Catalog #: CDA 775580; Ampere Rating: 1200 Voltage Rating: 4.8; Number of Phases: 3; Interrupter Rating: 60KA; Fuse Type: Fault Fitter; Fuse Size: Various; Spare Fuses: NA	\$
136	Building L SWGR-L-1A Switch L-1A	Manufacturer: Square D; Serial #: 44036-325-51 Type/Class: HVL; Load Interrupter Bus: Cu Al; Catalog #: 17-12650556-002; Ampere Rating: 600; Voltage Rating: 4.76; Number of Phases: 3; Interrupter Rating: 40KA; Fuse Type: GE EJO 100; Fuse Size: 100; Spare Fuses: NA	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
137	Building L SWGR-L-1B Switch L-1B	Manufacturer: Square D; Serial #: 44036-325-51; Type/Class: HVL; Load Interrupter Bus: Cu Al; Catalog #: 17-12650556-006 Ampere Rating: 600; Voltage Rating: 4.76; Number of Phases: 3; Interrupter Rating: 40KA; Fuse Type: GE EJO 100; Fuse Size: 100; Spare Fuses: NA	\$
138	Building F, SWGR SS2-A FDR A3	SOLID STATE PROTECTIVE RELAY	\$
139	Building F, SWGR SS2-B FDR B1	SOLID STATE PROTECTIVE RELAY	\$
140	Building F, SWGR SS2-B FDR B2	SOLID STATE PROTECTIVE RELAY	\$
141	Building F, SWGR SS2-B FDR B3	SOLID STATE PROTECTIVE RELAY	\$
142	Building F, SWGR SS2-B FDR B4	SOLID STATE PROTECTIVE RELAY	\$
143	Building F, SWGR SS2-B MAIN 2B	SOLID STATE PROTECTIVE RELAY	\$
144	Building F, SWGR SS2-A FDR A-1	SOLID STATE PROTECTIVE RELAY	\$
145	Building F, SWGR SS2-A FDR A-2	SOLID STATE PROTECTIVE RELAY	\$
146	Building F, SWGR SS2-A FDR A-4	SOLID STATE PROTECTIVE RELAY	\$
147	Building F, Switchgear SS-2-A Breaker A1	SOLID STATE PROTECTIVE RELAY	\$
148	Building F, SWGR SS2-A Main 2A	SOLID STATE PROTECTIVE RELAY	\$
149	Building F, SWGR SS2-A Tie Breaker	SOLID STATE PROTECTIVE RELAY	\$
150	Building #44 44-TX-3A (Transformer)	Manufacturer: Square D; Serial #: 996146-A1; Type/Class: 7310UL/AA - FA; Catalog #: NA; Phase: 3; Voltage Rating: 4160 480Y/277; Impedance: 5.72%; Temp. Rise: 80 °C; Winding material: Cu; Weight: 8458 BIL: 60HV-30LV Gallons: NA; Winding configuration: Delta Wye; Kva rating: 1000/1500; Set tap position: 3-4=4160; Ambient: 66 °F; Humidity: 35 %	\$
151	Building #44 44-TX-3B	Manufacturer: Square D; Serial #: 996146-B1; Type/Class: 7310UL/AA - FA; Catalog #: NA; Phase: 3; Voltage Rating: 4160 480Y/277; Impedance: 5.72%; Temp. Rise: 80 °C; Winding material: Cu; Weight: 8458 BIL: 60HV-30LV; Gallons: NA; Winding configuration: Delta Wye; Kva rating: 1000/1500; Set tap position: 3-4; Ambient: 80 °F; Humidity: 22 %	\$
152	A Building A-TX-1A	Manufacturer: Square D; Serial #: 15957255-0008-01; Type/Class: ONAN; Catalog #: 1700471203; Phase: 3; Voltage Rating: 4,160-480Y/277; Impedance: 6.1%; Temp. Rise: n/a °C; Winding material: Cu; Weight: 4223 lbs. BIL: n/a; Gallons: 531; Winding configuration: Delta-Wye; Kva rating: 1500; Set tap position: C=4160; Ambient: 68 °F ; Humidity: 26 %	\$
153	A Building A-TX-1B	Manufacturer: Square D; Serial #: 15957255-002-01; Type/Class: ONAN Catalog #: 1700471203; Phase: 3 Voltage Rating: 4,160-480Y/277; Impedance: 6.2%; Temp. Rise: n/a °C; Winding material: Cu; Weight: 11,387 lbs.; BIL: n/a; Gallons: 531; Winding configuration: Delta-Wye; Kva rating: 1500; Set tap position: C=4160; Ambient: 42 °F; Humidity: 43 %	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
154	Building 5 Switchboard 23-1A (Red)	Manufacturer: Square D; Serial #: 000287-A2; Type/Class: OA; Catalog #: n/a; Phase: 3; Voltage Rating: 4,160-480Y/277; Impedance: 6.0%; Temp. Rise: n/a °C; Winding material: Cu Weight: 7340 lbs. BIL: n/a ; Gallons: 285; Winding configuration: Delta-Wye; Kva rating: 1000; Set tap position: C=4160; Ambient: 67 °F; Humidity: 21 %	\$
155	Building 5 Switchboard 23-1B (Blue)	Manufacturer: Square D; Serial #: 000287-A1; Type/Class: OA; Catalog #: n/a; Phase: 3; Voltage Rating: 4,160-480Y/277; Impedance: 6.0%; Temp. Rise: 65 °C; Winding material: Cu; Weight: 7340 lbs.; BIL: 60/50; Gallons: 285; Winding configuration: Delta-Wye; Kva rating: 1000; Set tap position: C=4160; Ambient: 60 °F; Humidity: 65 %	\$
156	J Building T-2A-1	Manufacturer: Cutler-Hammer; Serial #: 08J931076; Type/Class: OA; Catalog #: n/a; Phase: 3 Voltage Rating: 4,160-480Y/277; Impedance: 1.8%; Temp. Rise: 55/65 °C; Winding material: Cu Weight: 5350 lbs.; BIL: 60/30; Gallons: 245; Winding configuration: Delta-Wye Kva rating: 500; Set tap position: C=4160; Ambient: 53 °F; Humidity: 32 %	\$
157	J Building T-2A-2	Manufacturer: Cutler Hammer Serial #: 08J931050; Type/Class: V4; Catalog #: n/a; Phase: 3; Voltage Rating: 4,160-480Y/277; Impedance: 1.8%; Temp. Rise: 55 °C; Winding material: Cu; Weight: 5350 lbs.; BIL: 60/30; Gallons: 245; Winding configuration: Delta-Wye; Kva rating: 500; Set tap position: C=4160; Ambient: 60 °F; Humidity: 65 %	\$
158	G Building T-3A-1	Manufacturer: Cutler-Hammer; Serial #: PGA-0024; Type/Class: OA; Catalog #: n/a; Phase: 3; Voltage Rating: 4,160-480Y/277; Impedance: 5.32%; Temp. Rise: 55/65 °C; Winding material: Cu; Weight: 7970 lbs.; BIL: 60/30; Gallons: 361; Winding configuration: Delta-Wye; Kva rating: 750; Set tap position: C=4160; Ambient: 53 °F ; Humidity: 32 %	\$
159	G Building T-3A-2	Manufacturer: Cutler Hammer; Serial #: PGA-0025; Type/Class: OA; Catalog #: n/a; Phase: 3; Voltage Rating: 4,160-480Y/277; Impedance: 5.33%; Temp. Rise: 55 °C; Winding material: ; Cu Weight: 7970 lbs.; BIL: 60/30; Gallons: 361; Winding configuration: Delta-Wye; Kva rating: 750; Set tap position: C=4160; Ambient: 60 °F; Humidity: 65 %	\$
160	G Building TX-4A-1	Manufacturer: Cutler-Hammer; Serial #: DS02032001; Type/Class: VPE/AA; Catalog #: n/a; Phase: 3; Voltage Rating: 4,160-480Y/277; Impedance: 5.46%; Temp. Rise: 115 °C; Winding material: Cu; Weight: n/a; BIL: 30/10; Gallons: n/a; Winding configuration: Delta-Wye; Kva rating: 1000; Set tap position: Internal External C=4160; Ambient: 65 °F; Humidity: 30 %	\$
161	A Building T-4A-2	Manufacturer: Cutler Hammer; Serial #: DS02031001; Type/Class: VPE/AA; Catalog Number: n/a; Phase: 3; Voltage; Rating: 4,160-480Y/277; Impedance: 5.51%; Temp. Rise: 115 °C; Winding material: Cu; Weight: 9200 lbs. BIL: 30/10; Gallons: n/a; Winding configuration: Delta-Wye; Kva rating: 1000; Set tap position Internal External: E-G; Ambient: 65 °F; Humidity: 30 %	\$
162	G Building T-5A-1	Manufacturer: Alstom; Serial #: PIB-0134 Type/Class: OA; Catalog #: n/a; Phase: 3; Voltage Rating: 4,160-480Y/277; Impedance: 6.16%; Temp. Rise: n/a; °C Winding material: Cu; Weight: 4661 lbs. BIL: n/a; Gallons: 457; Winding configuration: Delta-Wye; Kva rating: 2000; Set tap position: C=4160; Ambient: 67 °F; Humidity: 21 %	\$
163	G Building T-5A-2	Manufacturer: Alstom; Serial #: PIB-0133 Type/Class: OA; Catalog #: H0478091-H7808; Phase: 3 Voltage Rating: 4,160-480Y/277; Impedance: 6.18%; Temp. Rise: 55/65 °C; Winding material: Cu; Weight: 12,200 lbs.; BIL: 60/30; Gallons: 457; Winding configuration: Delta-Wye; Kva rating: 2000; Set tap position: Internal External C=4160 Ambient: 60 °F; Humidity: 65 %	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
164	G Bldg. G2 T-6A-1	Manufacturer: Cutler Hammer; Serial #: DS67015002; Type/Class: AA – FA; Catalog #: NA; Phase: 3; Voltage Rating: 4160 480Y/277; Impedance: 5.78%; Temp. Rise: 150 °C; Winding material: Cu; Weight: 7800; BIL: 30HV-10LV; Gallons: NA; Winding configuration: Delta Wye; Kva rating: 1000; Set tap position Internal External : E-G; Ambient: 65 °F; Humidity: 30 %	\$
165	G Bldg. G2 T-6A-2	Manufacturer: Cutler Hammer; Serial #: DS67015001; Type/Class: VPE AA; Catalog #: NA Phase: 3; Voltage Rating: 4160 480Y/277; Impedance: 5.8%; Temp. Rise: 150 °C; Winding material: Cu; Weight: 7800; BIL: 30HV-10LV; Gallons: NA; Winding configuration: Delta Wye; Kva rating: 1000; Set tap position: E-G; Ambient: 65 °F; Humidity: 30 %	\$
166	L Bldg. 3rd Floor TX-L-1A	Manufacturer: Square D; Serial #: 996131-A1 Type/Class: AA – FA; Catalog #: NA; Phase: 3; Voltage Rating: 4160 480Y/277; Impedance: 5.83%; Temp. Rise: 80 °C Winding material: Cu Weight: 14,024; BIL: 60HV-30LV; Gallons: NA; Winding configuration: Delta Wye; Kva rating: 2000; Set tap position: Internal External 3-4; Ambient: 68 °F; Humidity: 30 %	\$
167	L Bldg. 3rd Floor TX-L-1B	Manufacturer: Square D; Serial #: 996131-B1; Type/Class: AA – FA; Catalog #: NA; Phase: 3; Voltage Rating: 4160 480Y/277; Impedance: 5.88%; Temp. Rise: 80 °C; Winding material: Cu; Weight: 14,024; BIL: 60HV-30LV; Gallons: NA; Winding configuration: Delta Wye; Kva rating: 2000; Set tap position: 3-4; Ambient: 75 °F; Humidity: 13 %	\$
168	Building F Feeder Breaker A-2	Manufacturer: Square D; Serial #: 17-38754; Type/Class: VR (Vacuum Breaker); Catalog #: n/a; Voltage Rating: 4.76kV Close volts: 104-127; VAC Trip Volts: 70-140VDC; Ampere: 1200A; Interrupt rating: 60kA Motor volts: 120VAC Ambient: 82 °F Humidity: 89 %	\$
169	Building F Feeder Breaker B-1	Manufacturer: Square D; Serial #: 17-38836; Type/Class: VR (Vacuum Breaker); Catalog #: n/a; Voltage Rating: 4.76kV; Close volts: 104-127; VAC Trip Volts: 70-140VDC Ampere: 1200A Interrupt rating: 60kA Motor volts: 120VAC Ambient: 82 °F Humidity: 89 %	\$
170	Building F Feeder Breaker A1	Manufacturer: Square D; Serial #: 17-38832; Type/Class: VR (Vacuum Breaker); Catalog #: N/A; Voltage Rating: 4,760 kV; Close volts: 104-127; VAC Trip Volts: 70-140 VDC; Ampere: 1200; Interrupt rating: 60 kA Motor volts: 120 VAC; Ambient: 68 °F; Humidity: 30 %	\$
171	Building F Feeder Breaker A3	Manufacturer: Square D; Serial #: 17-38827; Type/Class: VR (Vacuum Breaker); Catalog #: N/A; Voltage Rating: 4,760 kV; Close volts: 104-127; VAC Trip Volts: 70-140 VDC; Ampere: 1200 Interrupt Rating: 60 kA; Motor volts: 120 VAC; Ambient: 68 °F; Humidity: 30 %	\$
172	Building F Feeder Breaker A4	Manufacturer: Square D; Serial #: 17-38827; Type/Class: VR (Vacuum Breaker); Catalog #: N/A; Voltage Rating: 4,760 kV; Close volts: 104-127; VAC Trip Volts: 70-140 VDC; Ampere: 1200 Interrupt Rating: 60 kA; Motor volts: 120 VAC; Ambient: 68 °F; Humidity: 30 %	\$
173	Building F Feeder Breaker B2	Manufacturer: Square D; Serial #: 17-38823; Type/Class: VR (Vacuum Breaker); Catalog #: N/A; Voltage Rating: 4,760 kV; Close volts: 104-127 VAC Trip Volts: 70-140 VDC; Ampere: 1200; Interrupt rating: 60 kA; Motor volts: 120 VAC; Ambient: 68 °F; Humidity: 30 %	\$
174	Building F Feeder Breaker B3	Manufacturer: Square D; Serial #: 17-81599; Type/Class: VR (Vacuum Breaker); Catalog #: N/A; Voltage Rating: 4,760 kV; Close volts: 104-127; VAC Trip Volts: 70-140 VDC; Ampere: 1200; Interrupt rating: 60 kA Motor; Volts: 120 VAC; Ambient: 69 °F; Humidity: 29 %	\$
175	Building F Feeder Breaker B4	Manufacturer: Square D; Serial #: 17-38820; Type/Class: VR (Vacuum Breaker); Catalog #: N/A; Voltage Rating: 4,760 kV Close volts: 104-127 VAC Trip Volts: 70-140 VDC; Ampere: 1200; Interrupt rating: 60 kA; Motor volts: 120 VAC; Ambient: 68 °F; Humidity: 30 %	\$

#	ITEM SPECIFICATION	ITEM DESCRIPTION	ANNUAL PM COSTS
176	Building F Main Breaker A	Manufacturer: Square D; Serial #: 17-38753; Type/Class: VR (Vacuum Breaker); Catalog #: N/A; Voltage Rating: 4,760 kV Close volts: 104-127 VAC Trip Volts: 70-140 VDC; Ampere: 1200 Interrupt; Rating: 60 kA Motor volts: 120 VAC ; Ambient: 68 °F; Humidity: 29 %	\$
177	Building F Main Breaker B	Manufacturer: Square D; Serial #: 17-38883; Type/Class: VR (Vacuum Breaker); Catalog #: N/A Voltage Rating: 4,760 kV Close volts: 104-127 VAC Trip Volts: 70-140 VDC; Ampere: 1200; Interrupt rating: 60 kA; Motor volts: 120 VAC; Ambient: 68 °F; Humidity: 30 %	\$
178	Building F Tie Breaker	Manufacturer: Square D; Serial #: 17-38838; Type/Class: VR (Vacuum Breaker); Catalog #: N/A; Voltage Rating: 4,760 kV; Close volts: 104-127 VAC Trip Volts: 70-140 VDC; Ampere: 1200; Interrupt rating: 60 kA ; Motor volts: 120 VAC; Ambient: 68 °F; Humidity: 30 %	\$
Subtotal A1: BID AMOUNT FOR ANNUAL PM SERVICES			\$

CORRECTIVE REPAIR AND MAINTENANCE		
Fully burden Hourly Rate for Corrective Maintenance, Repairs, Installations, and integration (Reference Scope of Work Paragraph #)		
Labor Category	Regular Hourly Rate	Emergency Hourly Rate
Foreman	\$	\$
MASTER ELECTRICIAN	\$	\$
Licensed Electrician	\$	\$
Journeyman	\$	\$
Electrician Helper	\$	\$
Subtotal B1. CORRECTIVE WORK - REGULAR HOURS		
Subtotal B2. CORRECTIVE WORK – EMERGENCY HOURS		

To calculate Grand total Bid price, use the following formula: $1 \times (A1) + 50 \times (B1) + 5 \times (B2)$	
GRAND TOTAL BID PRICE:	

Provide a Fixed Percentage Discount Rate off of manufacturer's list price for Parts and Components				%
Delivery Time for stocked Items (Calendar Days)	After receipt of order			
Delivery Time for Non-stocked Items (Calendar days)	After receipt of order			
IMPORTANT NOTE: Any minor CM work requirements noticed during performance of PM services shall be performed, unless the value of those CM work exceeds \$5,000. For any CM work, whose total value is estimated to exceed \$5,000 a written estimate must be submitted to the Contract Manager. Refer to Part 3 for detailed requirements.				
Contact Person for Scheduling of Work:	Name	Telephone	Email Address	
Emergency Contact: (the phone must be answered by a live person 24 hours/7 Days a week)	Name	Telephone		

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Attachment B
References

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ITB 27-001

References

Bidder Company Name: _____

Provide references from three (3) separate organizations where similar services to the scope of this Contract have been provided.

Name and address of Awarding Entity: _____	
Contact Person: Project Name (if applicable):	Name: Email: Phone:
Name and address of Awarding Entity:	
Contact Person: Project Name (if applicable):	Name: Email: Phone:
Name and address of Awarding Entity:	
Contact Person: Project Name (if applicable):	Name: Email: Phone:

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Attachment C
MAPT Cooperative Rider Clause

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Cooperative Rider Clause

The Mid-Atlantic Purchasing Team (MAPT) is the agreement between the Metropolitan Washington Council of Governments ("MWCOC") and the Baltimore Metropolitan Council ("BMC") to aggregate the public entity and non-profit purchasing volumes in the Maryland, Virginia and Washington, D.C. region ("region").

Format

A lead agency format is used to accomplish this work. The Lead Agency in this procurement and has included this MAPT Cooperative Rider Clause in this solicitation indicating its willingness to allow other public entities to participate pursuant to the following Terms and Conditions:

1. Terms

- 1.1 Participating entities, through their use of the Cooperative Rider Clause, agree to the terms and conditions of the resulting contract to the extent that they can be reasonably applied to the participating entity.
- 1.2 Participating entities may also negotiate additional terms and conditions specific to their local requirements upon mutual agreement between the parties.

2. Other Conditions - Contract and Reporting

- 2.1 The contract resulting from this solicitation shall be governed by and "construed in accordance with the laws of the State/jurisdiction in which the participating entity officially is located;
- 2.2 To provide to MWCOC and/or BMC contract usage reporting information, including but not limited to quantity, unit pricing and total volume of sales by entity, as well reporting other participating entities added on the contract, on demand and without further approval of contract participants;
- 2.3 Contract obligations rest solely with the participating entities only;
- 2.4 Significant changes in total contract value may result in further negotiations of contract pricing with the lead agency and participating entities.

In pricing and other conditions, vendors are urged to consider the broad reach and appeal of MAPT with public and non-profit entities in this region.

A list of the participating members of the Mid-Atlantic Purchasing Team can be found at the following web links www.mwcog.org/purchasing-and-bids/cooperative-purchasing/member-links/ and <http://www.baltometro.org/our-work/cooperative-purchasing/brcpc-representatives>