

OKLAHOMA MUNICIPAL POWER AUTHORITY

REQUEST FOR QUOTES DOCUMENTS

PERRY SUBSTATION LTC LEAK REPAIR AND MAINTENANCE

Table of Contents

NOTICE TO BIDDERS.....2
EXHIBIT A – PROPOSAL.....3
APPENDIX A – CLEARANCE AREA.....6
INDEPENDENT CONTRACTOR AGREEMENT.....9
NON-COLLUSION AFFIDAVIT.....13
BUSINESS RELATIONSHIPS AFFIDAVIT.....15
NAMEPLATE DATA.....16
OMPA CONTRACTOR INFORMATION SHARING POLICY.....18

Additional Information Can Be Obtained from:

Alex Dobson
Oklahoma Municipal Power Authority
2701 West I-35 Frontage Road
Edmond, OK 73013
(405) 359-2512
adobson@ompa.com

**NOTICE TO BIDDERS
PERRY SUBSTATION WIRING AND COMMISSIONING
OKLAHOMA MUNICIPAL POWER AUTHORITY
EDMOND, OKLAHOMA**

NOTICE is hereby given that sealed Proposals will be received by the Oklahoma Municipal Power Authority (Owner) at 2701 West I-35 Frontage Road, Edmond, Oklahoma 73013 until 4:00 p.m. Local Time, on March 14,2024 for furnishing the Work described in the Contract Documents.

The Work to be done under this contract includes, but is not limited to, furnishing f.o.b. jobsite, complete in accordance with the plans and specifications, the following:

The bidder shall repair the LTC oil leak and perform maintenance as outlined in the scope of work..

The Contractor shall furnish all labor, tools, equipment and insurance and all other items required for a complete installation of the materials required to complete the project.

Bids may be filed with Alex Dobson, Project Engineer, Oklahoma Municipal Power Authority, 2701 West I-35 Frontage Road, Edmond, Oklahoma 73013, up to 4:00 p.m. of said day, at which time they will be opened and publicly read. Any bid received after the closing time will be returned unopened.

Bids received more than ninety-six (96) hours excluding Saturdays, Sundays, and holidays before the time set for the opening of bids or bids received after bid deadline will be returned unopened.

All bids must be accompanied by executed Non-Collusion and Business Relationship Affidavits. Forms for said affidavits are included in the bid document.

No bid may be withdrawn for at least forty-five (45) days after the scheduled closing time for receipt of bids.

A complete set of bid documents regarding this project can be obtained from Alex Dobson, Project Engineer, Oklahoma Municipal Power Authority, at 2701 West I-35 Frontage Road, Edmond, OK 73013, by telephone at (405) 359-2500, or by e-mail to adobson@ompa.com.

The Owner reserves the right to evaluate bids and reject any and all bids.

Oklahoma Municipal Power Authority

By: s/David W. Osburn, General Manager

EXHIBIT A - PROPOSAL

Summary:

OMPA is requesting quotes for a leak repair on a Federal Pacific LTC and general maintenance of both Federal Pacific LTCs at the Perry, Oklahoma substation. OMPA shall de-energize each transformer one at a time as needed to perform work.

a) South LTC

- a. Drain the LTC oil into a clean and dry vessel. Replace the shaft seal and all other original seals and gaskets on the LTC.
- b. Inspect the internals of the LTC and replace contacts if worn. Check and adjust chain tension if needed but do not over tighten chain.
- c. Clean the control cabinet and remove debris and oil. Clean and lubricate the position indicator worm gear and mechanism as needed.
- d. **Optional-please provide a sperate price for the following optional services:**
 - i. Replace the LTC motor capacitor(s) with new.
 - ii. Replace all control circuit braking resistors, contactors, timers and other replaceable parts of the control circuit. Adjust and calibrate the LTC.
 - iii. Electrically test the transformer including windings, bushings and all arrestors on the transformer.
 - iv. Test all temperature gauges, liquid level gauges and rapid pressure rise relay.

b) North LTC

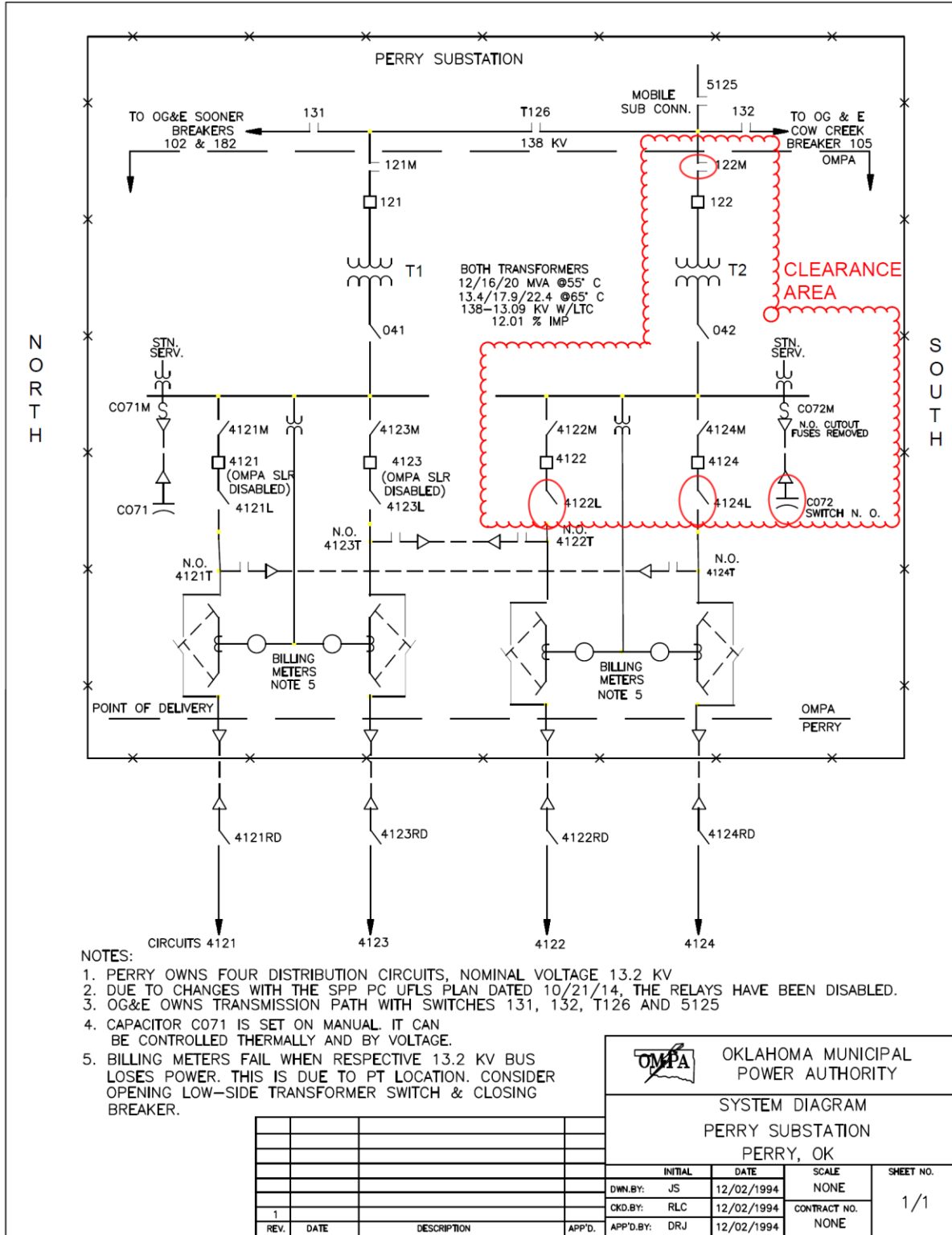
- a. Drain the LTC oil into a clean and dry vessel. Replace the shaft seal and all other original seals and gaskets on the LTC.
- b. Inspect the internals of the LTC and replace contacts if worn. Check and adjust chain tension if needed but do not over tighten chain.
- c. Clean the control cabinet and remove debris and oil. Clean and lubricate the position indicator worm gear and mechanism as needed.
- d. **Optional-please provide a sperate price for the following optional services:**
 - i. Replace the LTC motor capacitor(s) with new.

- ii. Replace all control circuit braking resistors, contactors, timers and other replaceable parts of the control circuit. Adjust and calibrate the LTC.
- iii. Electrically test the transformer including windings, bushings and all arrestors on the transformer.
- iv. Test all temperature gauges, liquid level gauges and rapid pressure rise relay.

Schedule of Work

- All work will need to be completed by May 17th, 2024.

APPENDIX A – CLEARANCE AREA



TOTAL BID PRICE: \$ _____

BIDDER: _____
(Name of Bidder)

(Business Address of Bidder)

(City) (State) (Zip Code)

Signature of Bidder of Authorized Representative

(Month) (Day) (Year)

EXCEPTIONS

Exceptions that the Bidder takes to the attached specifications, and/or alternates shall be listed here. The Bidder shall also clearly indicate if there are no exceptions.

**OKLAHOMA MUNICIPAL POWER AUTHORITY (OMPA)
POST OFFICE BOX 1960
EDMOND, OKLAHOMA 73083-1960**

Telephone (405) 359-2500

INDEPENDENT CONTRACTOR AGREEMENT

Comes now the State of Oklahoma acting through the Oklahoma Municipal Power Authority (OMPA) and _____, whose address is _____ (Contractor) this ____ day of _____, 20__, and agree as follows:

1. Contractor shall provide the product, service and/or equipment as described on Exhibit A in accordance with the terms and conditions herein.
2. Contractor shall at all times perform as an independent Contractor, solely responsible for his work methods, supervision of any and all employees or assistants and for any and all taxes, insurance and the like related to his services. Contractor shall be solely responsible for the means, methods, techniques, sequences and procedures of construction, and for safety as required by laws and regulations. Contractor shall be responsible to see that the completed work complies accurately with this agreement.
3. Work shall not be subcontracted without the written consent of OMPA.
4. Unless otherwise specified, Contractor shall furnish and assume full responsibility for all materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water, sanitary facilities, temporary facilities and all other facilities and incidentals necessary for completion of the work.
5. Unless specifically provided otherwise in writing in each case, all materials and equipment furnished for permanent installation in the work shall conform to applicable standard specifications and shall be new, unused, and undamaged when installed or otherwise incorporated in the work.
6. Contractor shall furnish, for approval, full information concerning the materials or articles which are intended for incorporation into the work. Installation of materials or equipment without such approval shall be at Contractor's risk and be subject to subsequent rejection.
7. Contractor shall continuously maintain adequate protection of the contract work, job site and materials from damage due to construction activities, the

carelessness of other contractors, theft, burglary etc. until the completion and final acceptance of the work, or termination of the contract. No additional time will be granted for Contractor's failure to adequately protect the work, materials and job site. Contractor shall bear the risk of loss or damage until the entire contract is completed and the work is accepted by OMPA.

8. Unless otherwise specified, Contractor shall give all notices and comply with all laws and regulations applicable to furnishing, and performance of the work.
9. Contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the work. Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to: all persons on the work site or who may be affected by the work; all the work and materials and 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, utilities and underground facilities not designated for removal, relocation or replacement in the course of construction.
10. Contractor shall comply with all applicable laws and regulations of any public body having jurisdiction for safety of persons or property or to protect them from damage, injury or loss; and shall erect and maintain all necessary safeguards for such safety and protection. Contractor shall notify owners of adjacent property and of underground facilities and utility owners when prosecution of the work may affect them, and shall cooperate with them in the protection, removal, relocation and replacement of their property. Contractor's duties and responsibilities for safety and for protection of the work shall continue until such time as all the work is completed and accepted by OMPA.
11. Contractor shall designate a qualified and experienced safety representative at the site whose duties and responsibilities shall be the prevention of accidents and the maintaining and supervising of safety precautions and programs.
12. Contractor shall be responsible for coordinating any exchange of material safety data sheets (MSDS) or other hazard communication information required to be made available to or exchanged between or among employers at the site in accordance with laws and regulations.
13. OMPA may advise the Contractor of any safety violations. It is Contractor's responsibility to make the necessary corrections. Failure to correct safety violations shall be grounds for an order from OMPA to cease further work and leave the job site until the condition is corrected.

14. OMPA shall not be responsible for any asbestos, PCB's, petroleum, hazardous waste or radioactive material brought to the site by Contractor or anyone else for whom Contractor is responsible.
15. Contractor shall purchase, maintain and provide proof to OMPA of such liability and other insurance which is acceptable to OMPA, is appropriate for the work being performed and furnished, and will provide protection from claims set forth below which may arise out of or result from Contractor's performance and furnishing of the work and Contractor's other obligations under the agreement, whether it is to be performed or furnished by Contractor or by anyone directly or indirectly employed by Contractor to perform or furnish any of the work or by anyone for whose acts may be liable.
 - A. Claims under worker's compensation disability benefits and other similar employee benefit acts.
 - B. Claims for damages because of bodily injury, occupational sickness or disease or death of Contractor's employees or of any other person.
 - C. Claims for damages insured by customary personal injury liability coverage which are sustained by any person as a result of an offense directly or indirectly related to the provision of the products, service or equipment described in Exhibit A.
 - D. Claims for damages other than to the work itself because of injury to or destruction of tangible property wherever located.
 - E. Claims for damages because of bodily injury or death of any person or property damage arising out of the ownership, maintenance or use of any motor vehicle.
16. In return for the services and/or equipment provided hereunder, Contractor shall bill and be paid in accordance with Exhibit B hereto.
17. Contractor warrants all equipment and materials furnished by it and all work performed by it under the contract against defective design (unless furnished by OMPA), materials and workmanship for a period of one year from and after final acceptance.
18. Contractor agrees to unconditionally indemnify, defend and hold OMPA and OMPA's officers, agents and employees harmless from any and all claims and damages of any kind or nature arising from any services, work or equipment provided by Contractor hereunder.

19. This agreement is made under and shall be construed according to the laws of the State of Oklahoma without reference to the jurisprudence of any other jurisdiction.
20. The parties to this agreement agree to execute and deliver all documents, provide all information or take or refrain from taking action as may be necessary or appropriate to achieve the purposes of this agreement.
21. This agreement may not be assigned by either party without the written permission of the other.
22. This agreement shall be binding upon and inure to the benefit of the parties hereto and their heirs, executors, administrators, successors, legal representatives and permitted assignees.
23. This agreement constitutes the entire agreement among the parties hereto pertaining to the subject matter hereof and supersedes all prior agreements and understandings pertaining thereto.
24. This agreement may be executed in multiple counterparts all of which together shall constitute but one binding agreement.

SEAL

Oklahoma Municipal Power Authority

ATTEST: _____

BY: _____

TITLE: _____

DATE: _____

SEAL

Contractor

ATTEST: _____

BY: _____

TITLE: _____

DATE: _____

NON-COLLUSION AFFIDAVIT

STATE OF _____)

) SS

COUNTY OF _____)

A. For purposes of competitive bids, I certify:

1. I am the duly authorized agent of _____, the bidder submitting the competitive bid which is attached to this statement, for the purpose of certifying the facts pertaining to the existence of collusion among bidders and between bidders and state officials or employees of the Oklahoma Municipal Power Authority, as well as facts pertaining to the giving or offering of things of value to government personnel in return for special consideration in the letting of any contract pursuant to the bid to which this statement is attached;

2. I am fully aware of the facts and circumstances surrounding the making of the bid to which this statement is attached and have been personally and directly involved in the proceedings leading to the submission of such bid; and

3. Neither the bidder nor anyone subject to the bidder’s direction or control has been a party:

- a. to any collusion among bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding,
- b. to any collusion with any state official or employee as to quantity, quality or price in the prospective contract, or as to any other terms of such prospective contract,
- c. in any discussions between bidders and any state official concerning exchange of money or other thing of value for special consideration in the letting of a contract, nor
- d. to any collusion with any state agency or political subdivision official or employee as to create a sole-source acquisition in contradiction to Section 85.45j.1 of Title 74 of the Oklahoma Statutes.

B. I certify, if awarded the contract, whether competitively bid or not, neither the contractor nor anyone subject to the contractor's direction or control has paid, given or donated or agreed to pay, give or donate to any officer or employee of the State of Oklahoma or the Oklahoma Municipal Power Authority any money or other thing of value, either directly or indirectly, in procuring the contract to which this statement is attached.

Signature

Printed Name

Subscribed and sworn to before me this _____ day of _____, 20 _____.

Notary Public

My Commission Expires:

BUSINESS RELATIONSHIPS AFFIDAVIT

STATE OF _____)

) SS

COUNTY OF _____)

_____, of lawful age, being first duly sworn, on oath says that (s)he is the agent authorized by the Bidder to submit the attached bid. Affiant further states that the name of any partnership, joint venture, or other business relationship presently in effect or which existed within one (1) year prior to the date of this statement with the architect, engineer, or other party to the project is as follows:

Affiant further states that any such business relationship presently in effect or which existed within one (1) year prior to the date of this statement between any officer or director of the bidding company and any officer or director of the architectural or engineering firm or other party to the project is as follows:

Affiant further states that the names of all persons having any such business relationships and the positions they hold with their respective companies or firms are as follows:

(If none of the business relationships hereinabove mentioned exist, affiant should so state.)

Subscribed and sworn to before me this _____ day of _____, 20 _____.

Notary Public

My Commission Expires: _____

NAMEPLATE DATA

FEDERAL PACIFIC
 RELIANCE ELECTRIC
 SAN JOSE CALIFORNIA

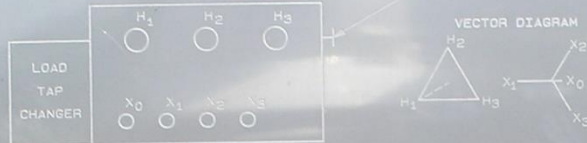
GN 5249
POWER TRANSFORMER

100% IMPEDANCE AT 12 MVA

3 PHASE	60 HZ	CLASS	DA	FA	FA	TEMP. AT 25°C	H.V. 138000 Δ	L.V. 13090 Y/7560
SERIAL NO. 11721-1	MVA	12	16	20	55			
	MVA	13.4	17.9	22.4	65			

WIRING DIAGRAM DWG. 1-1024-1-5745-5747-5749

CAUTION:
 TAP CHANGER FOR DE-ENERGIZED OPERATION MUST NOT BE OPERATED WHEN TRANSFORMER IS ENERGIZED.



CURRENT TRANSFORMERS
 CT-1, 2 & 3 1200:5 MULTI-RATIO ACC. C600
 CT-4, 5 & 6 2000:5 MULTI-RATIO ACC. C600
 CT-7 THRU 10 1200:5 MULTI-RATIO ACC. C400

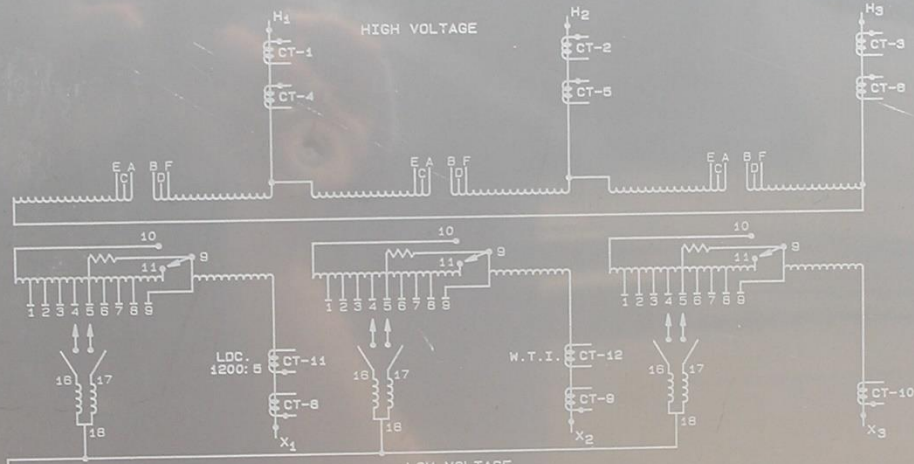
VOLTS	AMP AT 23.4 MVA	TAP POS.	CONNECTOR
144900	89.3	1	A TO B
141450	91.4	2	B TO C
138000	93.7	3	C TO D
134550	96.1	4	D TO E
131100	98.7	5	E TO F

BASIC IMPULSE INSULATION LEVEL K.V.

H.V. WDG.	550	H.V. BUSH.	550
L.V. WDG.	110	L.V. BUSH.	150
L.V. WDG. NEUTRAL			110
L.V. NEUTRAL BUSHING			150

APPROXIMATE WEIGHT LBS.

UNTANKING	47000
TANK & FITTINGS	34000
OIL MAIN TANK 5200 GALS.	39000
OIL OILTC COMP. T 150 GALS.	1000
TOTAL WEIGHT	121000



RAISE REVERSING SWITCH ON 11

LOW VOLTAGE	AMP AT 22.4 MVA	INDICATOR POSITION	CONTACTS ON
14399	898	16	1 + 1
14317	903	15	2 + 1
14295	909	14	2 + 2
14154	914	13	3 + 2
14072	919	12	3 + 3
13980	924	11	4 + 3
13908	930	10	4 + 4
13826	935	9	5 + 4
13745	941	8	5 + 5
13663	947	7	6 + 5
13581	952	6	6 + 6
13499	958	5	7 + 6
13417	964	4	7 + 7
13335	970	3	8 + 7
13254	976	2	8 + 8
13172	982	1	9 + 8
13090	988	N	9

LOWER REVERSING SWITCH ON 10

LOW VOLTAGE	MAX. RATED AMPS	INDICATOR POSITION	CONTACTS ON
13090	988	N	9
13008		1	9 + 1
12926		2	1 + 1
12845		3	1 + 2
12763		4	2 + 2
12681		5	2 + 3
12599		6	3 + 3
12517		7	3 + 4
12436		8	4 + 4
12354		9	4 + 5
12272		10	5 + 5
12190		11	5 + 6
12108		12	6 + 6
12026		13	6 + 7
11945		14	7 + 7
11863		15	7 + 8
11781	988	16	8 + 8

LIQUID LEVEL BELOW TOP OF MANHOLE FLANGE AT 25°C [14.5] INCHES. LIQUID LEVEL CHANGES [0.9] INCHES PER 10°C CHANGE IN LIQUID TEMP. OPERATING PRESSURE RANGE OF OIL PRESERVATION SYSTEM [8] P.S.I. POSITIVE TO [8] P.S.I. NEGATIVE. TANK DESIGNED FOR [35] P.S.I. VACUUM FILLING.
 TRANSFORMER IS FILLED WITH UNINHIBITED OIL. H.V. WINDING [CU]. L.V. WINDING [CU].
 INSTR. BOOK IN-T-204 F-2112-B-2763 MADE IN USA.

LT ≤ 1 PPM
 WT ≤ 1 PPM

OMPA CONTRACTOR INFORMATION SHARING POLICY

Purpose

To ensure contractor familiarity and compliance of OMPA safety and site procedures when performing work at any OMPA or member city substation, transmission line or distribution line.

Scope

This policy applies to all contractor personnel working on site at OMPA or member city owned substations, distribution or transmission facilities

Applicability

This policy applies to contractors as well as to all individuals performing work under the contractors' control, including employees of the contractor and subcontractors who have been retained by the contractor.

Definitions

Host Employer: An employer that operates, or that controls the operating procedures for, an electric power generation, transmission, or distribution installation on which a contract employer is performing work covered by OSHA standards.

Contract Employer: An employer, other than a host employer, that performs work covered by OSHA standards under contract.

Enforcement of OMPA Policies

Contractors are required to perform assigned tasks in a safe, environmentally sound manner, using industry standard work practices. If there is a violation of any OMPA Policy or safety requirement, any OMPA employee can immediately stop activity in progress until the violation is corrected. OMPA management will be notified of the deficiency and if directed to do so by OMPA management, the contractor will leave the site until the cause of the violation is resolved.

Host Employer Information Sharing

As a Host Employer, OMPA must provide characteristics of its system related to safety including:

- Nominal voltages of lines and equipment
- Maximum switching-transient voltages
- Protective grounds/equipment grounding conductors
- Locations of circuits/equipment
- Design/operation information

If known:

- Conditions related to the safety of the work to be performed
- Condition of protective grounds and equipment grounding conductors
- Conditions of poles
- Environmental conditions related to safety
- Switch and break positions
- Lockout/tagout clearance boundaries

See Appendix A for OMPA's Host Employer Information Sharing Form

Contract Employer Information Sharing

The Contract Employer performing work on behalf of OMPA or OMPA member cities must instruct its employees in the hazardous conditions, relevant to employees' work, of which the contractor is aware as a result of information communicated by the host. The following must also be communication by the Contract Employer to its employees:

- Unique hazardous conditions presented by the contract employer's work
- Unanticipated hazardous conditions found; within two working days after discovery
- Coordinate work rules so each of their employees are protected.

Drugs and Alcohol

Possession of, or being under the influence of drugs or alcohol on OMPA or member city property will result in ejection from the site. If any illegal or controlled substances are involved, law enforcement will be notified.

Firearms

Firearms are not permitted on any OMPA sites.

Danger Lockout/Tag out Program

OMPA employees will be responsible for performing any Danger tagging/locking of equipment prior to work being performed. In Edmond, a switching procedure database is in place. Contractor work shall be reviewed with OMPA management to determine the need for Lock out /Tag Out. Non-OMPA employees shall not be permitted to remove any Danger tags or locks, or operate any valve or circuit that is locked out. Violation of this rule will result in contractor removal from site.

Personal Protective Equipment (PPE)

Hard hats, safety glasses, and steel-toed shoes are required to be worn in all field locations. Any additional PPE required for the contracted work such as fall protection harnesses, special gloves, FR clothing or eye wear shall be the responsibility of the Contractor. OMPA will not lend or allow use of OMPA PPE for any contracted work.

Emergency Situations

The Manager of Engineering Services is the point of contact for emergency situations and can be reached at 405-359-2507.

Cleanliness

All personnel are required to maintain the work area in a clean, orderly, and safe condition. Additionally, the contractor is required to secure all partially completed work, so as not to create a safety or environmental hazard condition. Upon completion of work, contractor shall ensure that the work area is clean, orderly and remove any unused materials from the premises.

Spills

In the event a spill occurs, the contractor shall take appropriate measures to stop the spill, contain the spill, and notify an OMPA supervisor or person overseeing the work. The OMPA supervisor shall then notify the Environmental Engineer so the spill can be reported to appropriate authorities. It shall be the contractor's responsibility for cleanup and disposal from the premises of any waste generated if the spill or waste was caused by the actions or negligence of the contractor.

Revision History:

Version #	Date	Action
00	10/31/2014	New
01	03/09/2015	Revised spill language

Appendix A: Host Employer Information Sharing Form

Oklahoma Municipal Power Authority Host Employer Information Sharing Form	
Project Name:	Perry Substation Wiring/Commissioning
Project Location(s):	Perry, OK
Project Description:	Perry Substation Wiring/Commissioning
Contract Employer:	
Contractor Primary Contact:	
Contractor Primary Phone:	
Estimated Work Dates:	March-May 2024
Nominal Voltages of lines & equipment:	13 kV – 138 kV
Maximum switching -transient voltages:	NA
Hazardous Induced Voltages:	NA
Protective Grounds/equipment grounding conductors:	NA
Location of circuits/equipment:	Various
Design/operation information:	138-13 kV Substation
Other:	
OMPA Approval (Name)	Date
OMPA Approval (Signature)	Date
Acknowledgement I acknowledge receiving both OMPA's Contractor Information Sharing Policy and the information listed above related to this project and will abide by the aforementioned policies and procedures.	
Contractor Approval (Name)	Date
Contractor Approval (Signature)	Date