

ORDER FOR SUPPLIES OR SERVICES

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

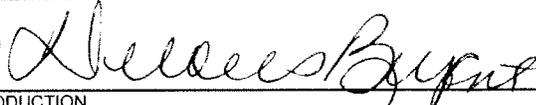
1. DATE OF ORDER 03/30/2010		2. CONTRACT NO. (If any)		6. SHIP TO: Bill Pisana		
3. ORDER NO. DTMA1V10197		4. REQUISITION/REFERENCE NO. See Lines		a. NAME OF CONSIGNEE U.S. MERCHANT MARINE ACADEMY		
5. ISSUING OFFICE (Address correspondence to) DOT/Maritime Administration, MAR-380 1200 New Jersey Ave SE, MAR380 W26-429 Washington DC 20590				b. STREET ADDRESS Department of Maintenance & Repair		
		c. CITY Kings Point		d. STATE NY	e. ZIP CODE 11024-1699	
7. TO:				f. SHIP VIA		
a. NAME OF CONTRACTOR David Mahadeo				8. TYPE OF ORDER		
b. COMPANY NAME Graybar Electric Company, Inc				<input checked="" type="checkbox"/> a. PURCHASE		b. DELIVERY - Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.
c. STREET ADDRESS 800 Huyler St Ste 3				REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.		
d. CITY Teterboro		e. STATE NJ	f. ZIP CODE 07608-1157			
9. ACCOUNTING AND APPROPRIATION DATA See Line Item Detail				10. REQUISITIONING OFFICE U.S. MERCHANT MARINE ACADEMY		

11. BUSINESS CLASSIFICATION (Check appropriate box(es))					12. F.O.B. POINT			
<input checked="" type="checkbox"/> a. SMALL	<input type="checkbox"/> b. OTHER THAN SMALL	<input type="checkbox"/> c. DISADVANTAGED	<input type="checkbox"/> g. SERVICE-DISABLED VETERAN-OWNED		Destination			
<input type="checkbox"/> d. WOMEN-OWNED	<input type="checkbox"/> e. HUBZone	<input type="checkbox"/> f. EMERGING SMALL BUSINESS						
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)		16. DISCOUNT TERMS		
a. INSPECTION	b. ACCEPTANCE							

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
SEE LINE ITEM DETAIL						

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOT. (Cont. pages) 17(i) GRAND TOTAL
	21. MAIL INVOICE TO: Tammy Curnett						
	a. NAME DOT/ Enterprise Services Center (ESC) OFO/FAA, Oklahoma City						
	b. STREET ADDRESS (or P.O. Box) MARAD A/P Branch, AMZ-150 PO Box 25710						
c. CITY Oklahoma City			d. STATE OK	e. ZIP CODE 73125		\$70,158.00	

22. UNITED STATES OF AMERICA BY (Signature) 				23. NAME (Typed) Delores Bryant TITLE: CONTRACTING/ORDERING OFFICER			
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**ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION**

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 03/30/2010	CONTRACT NO.	ORDER NO. DTMA1V10197
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ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p><i>CAPITAL IMPROVEMENT PLAN #011P01</i></p> <p><i>CIP 10-013</i></p> <p><i>DUNS 080603798</i></p> <p>VAN TRN ELEC 500/560 PADMOUNT TRANSFORMER</p> <p>500/560 KVA VANTRAN PADMOUNT TRANSFORMER, TYPE VANPAD III, THREE PHASE, OISC, 60 HZ, 13200 GRDY/7620-480Y/277, -+2X21% TAPS DEAD FRONT LOOP FEED W/WELLS & INSERTS 4-EACH LOW VOLTAGE 4-HOLE SPADE BUSHINGS 2-EACH 2 POSITION OIL SWITCHES BAYONET FUSES & ELS P BACK-UP FUSES 3-EACH SPARE BAYONET FUSES OIL LEVEL GAUGE, TEMPERATURE GAUGE, & PRESSURE VACUUM GAUGE DRAIN VALVE W/SAMPLER EXTERNAL TAP CHANGER R.E.A. LOCK & DOOR STOPS REMOVABLE COMPARTMENT SILL BRONZE PAINT COPPER WINDINGS 55o/65o C RISE 10KV HIGH VOLTAGE OIL ARRESTERS 8" FIBERGLASS TANK BASE BETA FLUID FILLED STAINLESS STEEL FRONT COMPARTMENT & COVER LIDS FURNISHED WITH STANDARD ANSI ACCESSORIES</p> <p align="center"><i>Start Date End Date</i> 04/01/2010 06/11/2010</p> <p>Funding Information: - - 70X - 1750CIP - - 2010 - - 1CIP - 011P01 - - 00000 - 14 - 600 - 32010 - 1720 - 6000 - \$28,679.00</p>	1.00	EA	28,679.000	28,679.00	
0002	<p>VAN TRN ELEC 500/560 KVA SAME AS ITEM #1</p> <p>ABOVE EXCEPT LOW 1 EACH VOLTAGE 208Y/120</p> <p align="center"><i>Start Date End Date</i> 04/01/2010 06/11/2010</p> <p>Funding Information: - - 70X - 1750CIP - - 2010 - - 1CIP011 - P01 - - 00000 - 14 - 600 - 31020 - 1720 - 6000 - \$29,120.00</p>	1.00		29,120.000	29,120.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17i) ➡ \$57,799.00

**ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION**

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 03/30/2010	CONTRACT NO.	ORDER NO. DTMA1V10197
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ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0003	<p>VAN TRN ELEC LOW VOLTAGE CIRCUIT BREAKERS</p> <p>IF FACTORY MOUNTED & WIRED LOW VOLTAGE CIRCUIT BREAKERS REQUIRED ADD: 500 KVA 1600AF/1500AT WITH LOS PROTECTION</p> <p align="center"><i>Start Date</i> <i>End Date</i> 04/01/2010 06/11/2010</p> <p>Reference Requisition: PRMMA100173</p> <p>Funding Information: - - 70X - 1750CIP - - 2010 - - 1CIP011 - P01 - - 00000 - 14 - 600 - 32010 - 1720 - 6000 - \$6,395.00</p>	1.00		6,395.000	6,395.00	
0004	<p>VAN TRN ELEC 500 KVA 2-EACH 600/3-POLE MOLDED CASE</p> <p>500 KVA 2-EACH 600 13-POLE MOWED CASE BREAKERS</p> <p align="center"><i>Start Date</i> <i>End Date</i> 04/01/2010 06/11/2010</p> <p>Funding Information: - - 70X - 1750CIP - - 2010 - - 1CIP011 - P01 - - 00000 - 14 - 600 - 32010 - 1720 - 6000 - \$5,964.00</p> <p>DELIVERY WILL 10 WEEKS AFTER USMMA APPROVAL OF SUBMITTED DRAWINGS/SPECIFICATIONS. 4 LIFTING HOOKS ON SIDE OF TRANSFORMER (TWO ON ONE SIDE AND TWO ON THE OTHER SIDE)</p>	1.00		5,964.000	5,964.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17I) ➡ \$12,359.00

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COMMERCIAL CLAUSES

1 52.213-04 TERMS AND CONDITIONS--SIMPLIFIED ACQUISITIONS DECEMBER 2009 (OTHER THAN COMMERCIAL ITEMS)

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses that are incorporated by reference:

(1) The clauses listed below implement provisions of law or Executive order:

(i) 52.222-03, Convict Labor (JUNE 2003) (E.O. 11755).

(ii) 52.222-21, Prohibition of Segregated Facilities (FEB 1999) (E.O. 11246).

(iii) 52.222-26, Equal Opportunity (MAR 2007) (E.O. 11246).

(iv) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)).

(v) 52.225-13, Restrictions on Certain Foreign Purchases (JUNE 2008) (E.o.s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).

(vi) 52.233-03, Protest After Award (AUG 1996) (31 U.S.C. 3553).

(vii) 52.233-04, Applicable Law for Breach of Contract Claim (OCT 2004) (Pub. L. 108-77, 108-78).

(2) Listed below are additional clauses that apply:

(i) 52.232-01, Payments (APR 1984).

(ii) 52.232-08, Discounts for Prompt Payment (FEB 2002).

(iii) 52.232-11, Extras (APR 1984).

(iv) 52.232-25, Prompt Payment (OCT 2008).

(v) 52.233-01, Disputes (JULY 2002).

(vi) 52.244-06, Subcontracts for Commercial Items (DEC 2009).

(vii) 52.253-01, Computer Generated Forms (JAN 1991).

(b) The Contractor shall comply with the following FAR clauses, incorporated by reference, unless the circumstances do not apply:

(1) The clauses listed below implement provisions of law or Executive order:

(i) 52.222-19, Child Labor-Cooperation with Authorities and Remedies (AUG 2009) (E.O. 13126). (Applies to contracts for supplies exceeding the micro-purchase threshold.)

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(ii) 52.222-20, Walsh-Healey Public Contracts Act (DEC 1996) (41 U.S.C. 35-45) (Applies to supply contracts over \$10,000 in the United States, Puerto Rico, or the U.S. Virgin Islands).

(iii) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (SEPT 2006) (38 U.S.C. 4212) (Applies to contracts of \$100,000 or more).

(iv) 52.222-36, Affirmative Action for Workers with Disabilities (JUNE 1998) (29 U.S.C. 793). (Applies to contracts over \$10,000, unless the work is to be performed outside the United States by employees recruited outside the United States.) (For purposes of this clause, United States includes the 50 States, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, and Wake Island.)

(v) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (SEPT 2006) (38 U.S.C. 4212) (Applies to contracts of \$100,000 or more).

(vi) 52.222-41, Service Contract Act of 1965 (NOV 2007) (41 U.S.C. 351, et seq.) (Applies to service contracts over \$2,500 that are subject to the Service Contract Act and will be performed in the United States, District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, Johnston Island, Wake Island, or the outer continental shelf lands.)

(vii) 52.223-05, Pollution Prevention and Right-to-Know Information (AUG 2003) (E.O. 13148) (Applies to services performed on Federal facilities).

(viii) 52.223-15, Energy Efficiency in Energy-Consuming Products (DEC 2007) (42 U.S.C. 8259b) (Unless exempt pursuant to 23.204, applies to contracts when energy-consuming products listed in the ENERGY STAR® Program or Federal Energy Management Program (FEMP) will be—

- (A) Delivered;
- (B) Acquired by the Contractor for use in performing services at a Federally-controlled facility;
- (C) Furnished by the Contractor for use by the Government; or
- (D) Specified in the design of a building or work, or incorporated during its construction, renovation, or maintenance.)

(ix) 52.225-01, Buy American Act-Supplies (FEB 2009) (41 U.S.C. 10a - 10d) (Applies to contracts for supplies, and to contracts for services involving the furnishing of supplies, for use in the United States or its outlying areas, if the value of the supply contract or supply portion of a service contract exceeds the micro-purchase threshold and the acquisition-

(A) Is set aside for small business concerns; or

(B) Cannot be set aside for small business concerns (see 19.502-2), and does not exceed \$25,000).

(x) 52.232-33, Payment by Electronic Funds Transfer-Central Contractor Registration (OCT 2003). (Applies when the payment will be made by electronic funds transfer (EFT) and the payment office uses the Central Contractor Registration (CCR) database as its source of EFT information.)

(xi) 52.232-34, Payment by Electronic Funds Transfer-Other than Central Contractor Registration (MAY 1999). (Applies when the payment will be made by EFT and the payment office does not use the CCR database as its source of EFT information.)

(xii) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006) (46 U.S.C. Appx 1241). (Applies to supplies transported by ocean vessels (except for the types of subcontracts listed at 47.504(d).)

(2) Listed below are additional clauses that may apply:

(i) 52.209-06, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (SEPT 2006) (Applies to contracts over \$30,000).

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(ii) 52.211-17, Delivery of Excess Quantities (SEPT 1989) (Applies to fixed-price supplies).

(iii) 52.226-06, Promoting Excess Food Donation to Nonprofit Organizations (MAR 2009) (Pub. L. 110-247) (Applies to contracts greater than \$25,000 that provide for the provision, the service, or the sale of food in the United States.)

(iv) 52.247-29, F.o.b. Origin (FEB 2006) (Applies to supplies if delivery is f.o.b. origin).

(v) 52.247-34, F.o.b. Destination (NOV 1991) (Applies to supplies if delivery is f.o.b. destination).

(c) FAR 52.252-02, Clauses Incorporated by Reference (FEB 1998). This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

[Insert one or more Internet addresses]

(d) Inspection/Acceptance. The Contractor shall tender for acceptance only those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services that have been tendered for acceptance. The Government may require repair or replacement of nonconforming supplies or reperformance of nonconforming services at no increase in contract price. The Government must exercise its postacceptance rights--

(1) Within a reasonable period of time after the defect was discovered or should have been discovered; and

(2) Before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

(e) Excusable delays. The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence, such as acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.

(f) Termination for the Government's convenience. The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid a percentage of the contract price reflecting the percentage of the work performed prior to the notice of termination, plus reasonable charges that the Contractor can demonstrate to the satisfaction of the Government, using its standard record keeping system, have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give the Government any right to audit the Contractor's records. The Contractor shall not be paid for any work performed or costs incurred that reasonably could have been avoided.

(g) Termination for cause. The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall

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be liable to the Government for any and all rights and remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.

(h) Warranty. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

UNITED STATES MERCHANT MARINE ACADEMY
REHABILITATED ACADEMY ELECTRICAL SUPPLY
TRANSFORMER SPECIFICATION-WATERFRONT

TRANSFORMER # 1

500/560 KVA PADMOUNTED TRANSFORMER-BETA FLUID FILLED
THREE PHASE, 60HZ., OISC, 55/65 DEGREE CENTIGRADE RISE
13,200 V GRDY/7620Y-208Y/120 V WITH
+/- 2 X 2 1/2 % TAPS ABOVE AND BELOW NORMAL

1. Four Lifting Hooks.
2. High Fire Point 300 Degree Centigrade Beta Fluid Filled.
3. Jacking Pads.
4. Tank Grounding Bosses(1/2-13 TAP) In Each Compartment.
5. One Inch Drain Valve With Oil Sampling Device.
6. Transformer Base Designed For Rolling.
7. Three Each Low Voltage Bushings With Nema 4 Hole Spade Terminals.
8. One Each Low Voltage Neutral Bushing With Nema 4 Hole Spade Terminal And External Grounding Strap.
9. Neutral Ground Boss (1/2-13 Tap).
10. Diagrammatic Corrosion Resistant Stainless Steel Nameplate.
11. Steel Barrier Between High Voltage And Low Voltage Compartments.
12. Six Each CTC Dead front Bushing Wells Arranged For Loop Feed With High Voltage Parking Stands And 8.3/14.4 KV Load Break Bushing Well Inserts.
13. Tamperproof Removable Bolted Cabinet With Three Point Latching Doors With Stainless Steel Hinges And Open Bottom For Conduit Or Cable Entrance. Transformer Tank Base And Complete Front Compartment Including Caps And Covers Shall,Be Fabricated Out Of Stainless Steel. The Low Voltage Compartment Door Shall Have Provisions For Padlocking. Lower Compartment Sill Is Removable. R.E.A. 1/2" Captive Penta Head Compartment Door With Locking Bolt Provided. Low Voltage Compartment Door Overlapping High Voltage Compartment Door To Prevent Access To High Voltage Compartment Until Low Voltage Compartment Door Is Opened. One Each Danger High Voltage Sign Mounted On Outside Of Low Voltage Compartment Door And Three Each Danger High Voltage Decals Mounted On Sides Of Compartment And Back Of Tank. Door Stops On High Voltage And Low Voltage Compartment Doors To Prevent Accidental Closing When the Doors Are In Open Position.
14. Tamperproof Removable Cover For Access To Bolted On Inspection Plate.

15. Tank Cover To Be Welded On.
16. One Inch Filling Plug.
17. Bolted Inspection Plate Under Cover.
18. Automatic Pressure Relief Valve.
19. Oil Level Gauge.
20. Dial Type Thermometer.
21. Pressure Vacuum Gauge.
22. Externally Operated No-Load Tapchanger Padlockable In Any Position.
23. Two Each 300 AMP 12,000 A.I.C.Rated Hotstick Operated Three Phase Loadbreak Two Position On Off Oil Switches.
24. Three Each R.T.&E. 353C12-40 AMP Current Sensing Bayonet Fuses in Series With Three Each R.T.&E.,E.L.S.P. 15.5 KV 125 AMP 50,000 A.I.C. Rated Internal Silver Sand Partial Back-Up Fuses.
Three Each R.T.&E., E.L.S.P. Fuse Holders And Support Ties.
25. One Each Westinghouse RD316T33 Three Pole 600 Volt Molded Case Circuit Breaker With 1600 AMP Frame With 1500 AMP Rating Plug With Line And Load Lugs For Four Each 500 M.C.M. Cables.Breaker Mounted On Glastic Panelboard Inside Of Low Voltage Compartment And Cable Connected To Transformer Terminals. Breaker To Be Mounted As High As Possible In The Low Voltage Compartment.
A Cutler-Hammer Equivalent Circuit Breaker with LS Protection,would be More Acceptable.
26. One Each 8" I Beam Base Made From Ryerson Type 500 Extren Fiberglass Stock Number PFGB-983840.
27. Three Each Cooper AZU 100L010 , 10 KV Varister Type AZU Heavy Duty Distribution Class Under Oil M.O.V. Arresters.
28. Bayonet Fuse Oil Drip Shields Mounted On Each Fuse Holder.
29. Radiators (Flexoplate) As Required.
30. Bottom Of Transformer Undercoated To Prevent Corrosion.
31. Paint Color To Match Benjamin Moore C-16360 Bronze Or Sherwin-Williams Equivalent.
32. All Copper High And Low Voltage Windings Etc.
33. Transformer Shall Conform To NEMA and ANSI Standards Where They Apply.
34. Routine Tests Per ANSI C 57.12.90 To Be Conducted .
 - a. Ratio
 - b. Polarity
 - c. Excitation Loss
 - d. Excitation Current
 - e. Applied Potential
 - f. Induced Potential
 - g. Load Loss & Impedance
35. Supply Three Spare Primary Fuses With Unit.

36. Transformer Dimensions & Accessories similar to Units previously Supplied, Except to have 3" added to width & 12" added to depth of the Transformer compartment of previously supplied units to the USMMA .

UNITED STATES MERCHANT MARINE ACADEMY
REHABILITATED ACADEMY ELECTRICAL SUPPLY
TRANSFORMER SPECIFICATION-WATERFRONT

TRANSFORMER # 2

500/560 KVA PADMOUNTED TRANSFORMER-BETA FLUID FILLED
THREE PHASE, 60HZ., OISC, 55/65 DEGREE CENTIGRADE RISE
13,200 V GRDY/7620Y-480Y/277 V THREE PHASE 4 WIRE WITH
+/- 2 X 2 1/2 % TAPS ABOVE AND BELOW NORMAL

1. Four Lifting Hooks.
2. High Fire Point 300 Degree Centigrade Beta Fluid Filled.
3. Jacking Pads.
4. Tank Grounding Bosses(1/2-13 TAP) In Each Compartment.
5. One Inch Drain Valve With Oil Sampling Device.
6. Transformer Base Designed For Rolling.
7. Three Each Low Voltage Bushings With Nema 4 Hole Spade Terminals.
8. One Each Low Voltage Neutral Bushing With Nema 4 Hole Spade Terminal And External Grounding Strap.
9. Neutral Ground Boss (1/2-13 Tap).
10. Diagrammatic Corrosion Resistant Stainless Steel Nameplate.
11. Steel Barrier Between High Voltage And Low Voltage Compartments.
12. Six Each CTC Dead front Bushing Wells Arranged For Loop Feed With High Voltage Parking Stands And 8.3/14.4 KV Load Break Bushing Well Inserts.
13. Tamperproof Removable Bolted Cabinet With Three Point Latching Doors With Stainless Steel Hinges And Open Bottom For Conduit Or Cable Entrance. Transformer Tank Base And Complete Front Compartment Including Caps And Covers Shall Be Fabricated Out Of Stainless Steel. The Low Voltage Compartment Door Shall Have Provisions For Padlocking. Lower Compartment Sill Is Removable. R.E.A. 1/2" Captive Penta Head Compartment Door With Locking Bolt Provided. Low Voltage Compartment Door Overlapping High Voltage Compartment Door To Prevent Access To High Voltage Compartment Until Low Voltage Compartment Door Is Opened. One Each Danger High Voltage Sign Mounted On Outside Of Low Voltage Compartment Door And Three Each Danger High Voltage Decals Mounted On Sides Of Compartment And Back Of Tank. Door Stops On High Voltage And Low Voltage Compartment Doors To Prevent Accidental Closing When the Doors Are In Open Position.
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15. Tank Cover To Be Welded On.
16. One Inch Filling Plug.
17. Bolted Inspection Plate Under Cover.
18. Automatic Pressure Relief Valve.
19. Oil Level Gauge.
20. Dial Type Thermometer.
21. Pressure Vacuum Gauge.
22. Externally Operated No-Load Tapchanger Padlockable In Any Position.
23. Two Each 300 AMP 12,000 A.I.C.Rated Hotstick Operated Three Phase Loadbreak Two Position On Off Oil Switches.
24. Three Each R.T.&E. 353C12-40 AMP Current Sensing Bayonet Fuses in Series With Three Each R.T.&E., E.L.S.P. 15.5 KV 125 AMP 50,000 A.I.C. Rated Internal Silver Sand Partial Back-Up Fuses.
Three Each R.T.&E., E.L.S.P. Fuse Holders And Support Ties.
25. Two Each Westinghouse Or Cutler-Hammer Three Pole 600 Volt Molded Case Circuit Breakers With 600 AMP Frame And 600 AMP Trip With Line And Load Lugs For 500 M.C.M. Cables. Breakers To Be Mounted On Glastic Panel Board Inside Of Low Voltage Compartment And Cables Connected To Transformer Terminals. Breakers To Be Mounted As High As Possible In The Low Voltage Compartment.
26. One Each 8" I Beam Base Made From Ryerson Type 500 Extren Fiberglass Stock Number PFGB-983840.
27. Three Each Cooper AZU 100L010 , 10 KV Varister Type AZU Heavy Duty Distribution Class Under Oil M.O.V. Arresters.
28. Bayonet Fuse Oil Drip Shields Mounted On Each Fuse Holder.
29. Radiators (Flexoplate) As Required.
30. Bottom Of Transformer Undercoated To Prevent Corrosion.
31. Paint Color To Match Benjamin Moore C-16360 Bronze Or Sherwin-Williams Equivalent.
32. All Copper High And Low Voltage Windings Etc.
33. Transformer Shall Conform To NEMA and ANSI Standards Where They Apply.
34. Routine Tests Per ANSI C 57.12.90 To Be Conducted .
 - a. Ratio
 - b. Polarity
 - c. Excitation Loss
 - d. Excitation Current
 - e. Applied Potential
 - f. Induced Potential
 - g. Load Loss & Impedance
35. Supply Three Spare Primary Fuses With Unit.
36. Transformer Dimensions & Accessories similar to Units previously supplied ,

except to have 3" added to width & 12" added to depth of the Transformer
Compartment of previously supplied units to the USMMA..