

#### **MEMORANDUM**

April 24, 2024

**TO:** Members Participating In the Refurbish, Repair, & Disposal

of Transformers Bid - ITB# 2024-105

**FROM:** Sharon Samuels

**SUBJECT:** Preliminary Analysis

Enclosed please find the Preliminary Analysis of the bids received for the Provision of Refurbish, Repair, & Disposal of Transformers Bid - ITB# 2024-105.

FMPA received bids from Electrical Engineering Enterprises of Tampa, FL; Emerald Transformers, Inc, of Defuniak Springs, FL; Miami Transformers of Homestead, FL; MP Predictive Technologies, Inc. of Orlando, FL; and Sunbelt Solomon Services, LLC of Temple, TX;

Included for your information are a copy of the vendor quote analysis and the bidders' clarifications & exceptions.

Please review the information and let me know how your city/utility would like to award this bid, no later than May 3<sup>rd</sup>. During your evaluation process, please be sure to consider any performance or other issues you may have experienced with these bidders.

If you have any questions or concerns about the bid, please give me a call.

#### **FMPA**

# Provision of Refurbish, Repair, & Disposal of Transformers ITB# 2024-105 Bidders Exceptions and Clarifications

### **ELECTRICAL ENGINEERING ENTERPRISES**

- ❖ Offered payment discount 2% for payment made within 15 days of delivery.
- ❖ EEE will price rewinds on an individual basis.
- ❖ EEE priced recloser repair as a lump sum price under "base price"
- ❖ All replacement oil is assumed to be mineral oil; FR3 would be an adder.

### **EMERALD TRANSFORMERS, INC.**

- ❖ Repair base price does <u>not</u> include new oil and parts. New oil and parts will be an additional cost.
  - FMPA spec Section 4 states "All reconditioned and remanufactured transformers are to be filled with new oil.
- ❖ Decommission of Substation Transformers cost is determined by type of metal winding (copper/aluminum), unit size, contents of the unit, and location it's broken down.
- ❖ Diagnostic testing on Substation Type Transformers is TBD quoted individually.
- ❖ TBD is size and voltage dependent.
- Recloser Repair base pricing breakdown:

Sin	gle Phase Reclose	ers Repair				
Type	Repair Item ID	Repair Only				
L	RCRLL	\$453.60				
Н	RCRLH	\$416.85				
E-F2	RCRLE	\$453.60				
V4L	RCRLV4L	\$489.30				
V4H	RCRLV4H	\$453.60				
4E	RCRL4E	\$489.30				
4H	RCRL4H	\$416.85				
V4E	RCRLV4E	\$489.30				
NOVA TS	RCRLNOVATS	\$972.30				

Single Phase Reclosers Sold from Stock										
Type SFS Item ID Sold from Sto										
V4L	SFSRCRL1PV4L	\$2,088.45								
L	SFSRCRL1PL	\$1,405.95								
4H	SFSRCRL1P4H	\$1,085.70								
V4H	SFSRCRL1PV4H	\$1,668.45								
Н	SFSRCRL1PH	\$980.70								
V4E	SFSRCRL1PV4E	\$2,193.45								
E-F2	SFSRCRL1PE	\$2,088.45								

#### MIAMI TRANSFORMERS SERVICE AND REPAIR

- Cost of any parts will be billed as cost plus 10%.
- ❖ Full load/Miscellaneous loads will not incur any transportation cost.
- Diagnostic testing includes testing and reports only.
- ❖ This quote is based on that all transformers will have oil upon arrival.
- \* Repair based price includes new paint job and stainless teel hardware.
- Quote is based on all transformers will have oil upon arrival.
- ❖ Substation type units (*submittal noted as TBD1*) and Electric /water meters (*submittal noted as TBD2*) − require additional information to Quote.

## MP PREDICTIVE TECHNOLOGIES

❖ Disposal of PCB oil, depends on how many gallons of oil will be disposed of. The quoted price of \$30/gal can increase; the more PCB oil there is to dispose of, the bigger the fees are for transporting it and disposing of it at a factory.

### **SUNBELT SOLOMON SERVICES**

- ❖ Diagnostic testing cost for single phase polemounts, single phase padmounts, three phase padmounts, and substation type transformers are included in repair costs.
- ❖ PCB Disposal and associated costs are broken down as follows:

0	PCB oil test	\$20.00/ea
0	DGA	\$250/ea
0	PCB Wipe Test	\$50.00/ea
0	Manifest Charge	\$25.00/load
0	All Transformers 50-499ppm	\$1.12/lb
0	All Transformers 500+ppm	\$1.24/lb
0	PT/CT's 0-49ppm	\$0.55/lb
0	PT/CT's 50-499ppm	\$0.61/lb
0	PT/CT's 500+ppm and tar filled	\$1.78/lb
0	55 gal drum of oil 0-49ppm	\$157.98 per drum (\$2.87 per gallon)
0	55 gal drum of oil 50-499ppm	\$353.80 per drum (\$6.43 per gallon)
0	55 gal drum of oil 500+ppm	\$353.80 per drum (\$6.43 per gallon)
0	55 gal drum 1500+ppm	\$546.10 per drum (\$9.93 per gallon)

Recloser repair pricing is broken down as follows:

0	1 phase type	base price	3 phase type	base price
	H, 4H, V4H	\$269		
	L, E, EF-2	\$285	VLR, VSR	\$922
	V4L, 4E, V4E	\$305	R&W Class	\$1,843
	Oil Switches	\$242	VSA	\$7,961
	VXE (w/control)	\$1,210	Nova	\$1,025
	NOVA-1	\$386	NOVA TS (Bank)	\$1,309

- Oil, gaskets, tank wall liner, terminal plating, lead insulation kit, bushing, coil are included in recloser repair.
- Pricing for arrestors in recloser repair are dependent on needed parts.
- ❖ Decommissioning cost for substation transformers will be determined on a case by case basis. Factors including, but not limited to, kVA size, unite location (ease of access/surrounding structure, PCB contamination, and unit condition will be considered to achieve appropriate disposal pricing.

#### FLORIDA MUNICIPAL POWER AGENCY PROVISION OF REFURBISH, REPAIR, AND DISPOSAL OF TRANSFORMERS ITB# 2024-105 VENDOR QUOTE ANALYSIS

		INDUR QUOTE ANALTSIS			
	Electrical Engineering Enterprises Tampa, FL	Emerald Transformers Defuniak Springs, FL	Miami Transformers  Homestead, FL	MP Predictive Technologies Orlando, FL	Sunbelt Solomon Services Temple, TX
ITEM	Charge for Service (\$)	Charge for Service (\$)	Charge for Service (\$)	Charge for Service (\$)	Charge for Service (\$)
Screen Tests (ea)	\$160.00	\$22.00	\$70.00	\$350.00	\$20.00
Screen Tests (ea)	\$160.00	\$22.00	\$70.00	\$350.00	See Exceptions &
Disposal of PCB Oil	\$12/lb	\$3.61/gal	No Bid	\$30/gal	Clarifications sheet
Credit for Decommisssion Transformers - Units that do not complete the repair process per specification.	(\$ per KVA)	(\$ per KVA)	(\$ per KVA)	(\$ per KVA)	(\$ per KVA)
Single Phase Pole Transformers	\$0.50	\$1.25	\$1.44	No Bid	\$3.50
Single Phase Padmount Transformers	\$0.50	\$1.50	\$1.32	No Bid	\$3.60
Three Phase Padmount Transformers	\$0.50	\$1.25	\$0.50	No Bid	\$1.55
Dual Voltage Transformers	\$0.50	\$1.25	\$0.50	No Bid	\$3.50
Substation Type Transformers	\$0.50	TBD	TBD1 requires additional data to quote	No Bid	\$1.50
Electric/Water Meters	\$.10/lb	\$.25/lbs	TBD2 requires additional data to quote	No Bid	\$0.10
DISPOSAL COSTS					
Line Regulators	\$1.50/lb	\$.85/kVA	\$0.00	No Bid	No Charge
OCRs and Oil Switches (ea)	\$3.50/lb	OCR \$45.63/ea.	\$0.00	No Bid	No Charge
Non-PCB Capacitors (lb.)	\$3.50/lb	\$3.61/lb	\$0.65/lb	No Bid	2.58/lb
PCB Capacitors (lb.) (0-49ppm PCB)			N/A	No Bid	2.58/lb
PCB Capacitors (lb.) (50-449ppm PCB)	\$15.00/lb	\$5.61/lb	N/A	No Bid	
PCB Capacitors (lb.) (500-3500ppm)			N/A	No Bid	4.87/lb
Decommissioning Cost for Substation Transformers	\$13,350.00	TBD	\$0.00	No Bid	See Exceptions & Clarifications sheet
RECLOSER REPAIR					
		See Exceptions & Clarifications			See Exceptions & Clarifications
Base Price		sheet	No Bid No Bid	No Bid	sheet
Oil Gaskets		\$6.95/gal	No Bid	No Bid No Bid	Included Included
Arrestor	Ø5 004 00* O Everation 8		No Bid	No Bid	price depends on parts
Tank Wall Liner	\$5,384.00* See Exception & Clarifications		No Bid	No Bid	Included
Bolt Kit	Sidimodificio	TBD on size and voltage	No Bid	No Bid	\$76.00
Terminal Plating Lead Insulation Kit		ŭ	No Bid No Bid	No Bid No Bid	Included Included
Bushing			No Bid	No Bid	Included
Coil			No Bid	No Bid	Included
REGULATOR REPAIR BASE PRICING					
<u>7620 Volts</u>					
38	\$4,460.00	\$1,713.03	\$1,350.00	No Bid	\$2,000.00
57	\$4,684.00	\$1,736.82	\$1,350.00	No Bid	\$2,250.00
	\$4,907.00 \$5,130.00	\$1,760.62 \$2,188.89	\$1,350.00 \$1,350.00	No Bid No Bid	\$2,500.00 \$2,700.00
167	\$5,333.00	\$2,358.34	\$1,350.00	No Bid	\$2,700.00
250	\$5,576.00	\$2,963.86	\$1,350.00	No Bid	\$3,200.00
333	\$5,799.00	\$3,704.84	\$1,350.00	No Bid	\$3,500.00
334	\$6,022.00	\$3,704.84	\$1,350.00	No Bid	\$3,500.00
14400 Volts	\$4.460.00	£2.444.22	\$4.250.00	No Did	\$2,500.00
72 144	\$4,460.00 \$5,333.00	\$2,141.32 \$2,141.32	\$1,350.00 \$1,350.00	No Bid No Bid	\$2,500.00
288	\$5,576.00	\$2,141.32	\$1,350.00	No Bid	\$3,300.00
432	\$6,022.00	\$2,141.32	\$1,350.00	No Bid	\$4,000.00
576	\$6,245.00	\$3,786.42	\$1,350.00	No Bid	\$4,500.00
832	\$6,468.00	\$3,786.42	\$1,350.00	No Bid	\$5,100.00
<u>7960/13800</u>	\$6,022.00	\$3,704.84	\$1,350.00	No Bid	\$3,500.00
333 Adder for units with taps or dual voltage	\$1,650.00	\$0.00	\$1,330.00 N/A	No Bid	93,300.00 none
TRANSPORTATION COSTS					
Transportation from Bidder's Facility to Zone 1	\$975.00	\$0.00	\$2,400.00	\$958.00	Included
Transportation from Bidder's Facility to Zone 2	\$975.00	\$0.00	\$1,700.00	\$719.00	Included
Transportation from Bidder's Facility to Zone 3	\$975.00	\$0.00	\$1,200.00	\$1,699.50	Included
Transportation from Bidder's Facility to Zone 4	\$2,145.00	\$0.00	\$700.00	\$2,620.00	Included
Transportation from Bidder's Facility to Zone 5	\$2,145.00	\$0.00	\$3,400.00	\$1,955.00	Included
Transportation from Disability to Lond o	Ψ2,140.00	Ψ0.00	ψ0, του.00	ψ1,555.50	moladda

# FLORIDA MUNICIPAL POWER AGENCY PROVISION OF REFURBISH, REPAIR, AND DISPOSAL OF TRANSFORMERS ITB# 2024-105 VENDOR QUOTE ANALYSIS

Electric	cal Engine	ering Enterp	rises		Emerald Tr	ansformers		Miami Transformers		МР	MP Predictive Technologies			Sunbelt Solomon Services				
R	REPAIR BA	SE PRICING			REPAIR BA	SE PRICING		REPAIR BASE PRICING			ı	REPAIR BASE PRICING			REPAIR BASE PRICING			
	- 3	Pole mounts	Davisad	12) / A		Pole mounts	Davidad	Single Phase <b>Pole</b> mounts			Single Phase <b>Pole</b> mounts KVA Minor Recondition Rewind			Single Phase <b>Pole</b> mounts <u>KVA Minor Recondition Rewind</u>				
<u>KVA</u> 10	Minor \$2,662	Recondition \$5,923	Rewind	<u>KVA</u> 10	<u>Minor</u> \$468.31	Recondition \$468.31	Rewind \$873.11	<u>KVA</u> 10	Minor No Bid	Recondition \$970.67	Rewind \$2,500.00	<u>KVA</u> 10	Minor	Recondition Rewind	<u>KVA</u> 10	\$390.00	\$382.50	Rewind \$2,160.90
15	\$2,662	\$5,923		15	\$594.72	\$594.72	\$1,049.66	15	No Bid	\$970.67	\$3,100.00	15			15	\$395.00	\$418.50	\$2,160.90
25	\$2,738	\$6,000		25	\$625.25	\$625.25	\$1,383.63	25	No Bid	\$1,027.00	\$3,450.00	25			25	\$400.00	\$459.00	\$2,160.90
37.5	\$2,760	\$6.231		37.5	\$771.14	\$771.14	\$1,779.88	37.5	No Bid	\$1.040.00	\$3,550.00	37.5			37.5	\$427.00	\$634.50	\$3,282.30
50	\$3,123	\$6,385		50	\$946.17	\$946.17	\$2,147.72	50	No Bid	\$1,137.50	\$3,850.00	50			50	\$499.00	\$783.00	\$3,282.30
75	\$3,123	\$6,385		75	\$1,162.00	\$1,162.00	\$2,938.12	75	No Bid	\$1,250.00	\$4,700.00	75		NO BID	75	\$614.00	\$922.50	\$3,756.60
100	\$3,123	\$6,385		100	\$1,302.59	\$1,302.59	\$3,771.28	100	No Bid	\$1,650.00	\$5,900.00	100			100	\$635.00	\$1,404.00	\$4,069.80
167	\$3,354	\$7.308		167	\$1,764.65	\$1,764.65	\$5,775.99	167	No Bid	\$2,450.00	\$6,250.00	167			167	\$755.00	\$1,773.00	\$4,644.00
250	\$3,354	\$8,077		250	\$2,380.49	\$2,380.49	\$8,921.03	250	No Bid	\$3,500.00	\$6,950.00	250			250	\$1,253.00	\$2,974.50	\$7,772.40
333	\$3,354	\$8,462		333	\$3,142.73	\$3,142.73	\$10,943.12	333	No Bid	\$4,000.00	\$8,000.00	333			333	\$1,518.00	\$4,158.00	\$10,878.30
500	\$3,364	\$9,385		500	\$3,691.26	\$3,691.26	\$14,974.56	500	No Bid	\$4,450.00	\$10,300.00	500			500	\$1,750.00	\$5,854.50	\$15,284.70
	Single Phase	e <b>Pad</b> mounts			Single Phase	e <b>Pad</b> mounts			Single Phase	Padmounts			Single Pha	se <b>Pad</b> mounts		Single Phase	e <b>Pad</b> mounts	
KVA	Minor	Recondition	Rewind	KVA	Minor	Recondition	Rewind	KVA	Minor	Recondition	Rewind	KVA	Minor	Recondition Rewind	KVA	Minor	Recondition	Rewind
25	\$3,854	\$6,846	1.0	25	\$1,403.32	\$1,403.32	\$3,483.79	25	No Bid	\$2,240	\$3,675.00	25	\$1,980	<u>a</u>	25	\$1,045.00	\$1,177.20	\$3,335.40
37.5	\$3,854	\$6,846		37.5	\$1,506.41	\$1,506.41	\$3,671.27	37.5	No Bid	\$2,280	\$3,750.00	37.5	\$1,980		37.5	\$1,095.00	\$1,305.00	\$3,697.20
50	\$3,854	\$6,846		50	\$1,789.42	\$1,789.42	\$4,531.62	50	No Bid	\$2.500	\$4,000.00	50	\$1,980	NO DID	50	\$1,137.00	\$1,348.20	\$3,818.70
75	\$3,854	\$6,846		75	\$1,946.01	\$1,946.01	\$5,352.89	75	No Bid	\$2,850	\$4,950.00	75	\$1,980	NO BID	75	\$1,386.00	\$1,544.40	\$4,375.80
100	\$3,854	\$7,154		100	\$2,122.03	\$2,122.03	\$6,335.56	100	No Bid	\$3,700	\$6,100.00	100	\$1,980		100	\$1,583.00	\$1,803.60	\$5,110.20
167	\$4,008	\$8,077		167	\$2,149.22	\$2,149.22	\$7,296.77	167	No Bid	\$4,250	\$6,500.00	167	\$1,980		167	\$1,845.00	\$3,496.50	\$9,838.80
	Three Phase	e <b>Pad</b> mounts			Three Phase	Padmounts			Three Phase	Padmounts			Three Phas	se <b>Pad</b> mounts		Three Phase	<b>Pad</b> mounts	
KVA	Minor	Recondition	Rewind	KVA	Minor	Recondition	Rewind	KVA	Minor	Recondition	Rewind	KVA	Minor	Recondition Rewind	KVA	Minor	Recondition	Rewind
150	\$4,085	\$13,000		150	\$3,967.00	\$3,967.00	\$6,316.60	150	No Bid	\$8,800	\$22,900.00	150	\$2,580		150	\$3,974.00	\$5,418.90	\$13,633.20
300	\$4,085	\$13,000		300	\$5,339.00	\$5,339.00	\$8,873.15	300	No Bid	\$13,500	\$27,000.00	300	\$2,580		300	\$4,157.00	\$6,052.50	\$16,096.50
500	\$4,538	\$13,154		500	\$6,389.00	\$6,389.00	\$11,236.80	500	No Bid	\$13,850	\$30,900.00	500	\$2,580		500	\$4,249.00	\$7,015.40	\$20,857.50
750	\$4,692	\$17,077		750	\$7,639.00	\$7,639.00	\$13,786.80	750	No Bid	\$14,500	\$38,950.00	750	\$2,580	NO BID	750	\$6,556.00	\$8,199.90	\$24,262.20
1000	\$5,231	\$18,692		1000	\$8,874.62	\$8,874.62	\$15,086.80	1000	No Bid	\$18,200	\$43,212.00	1000	\$3,480	NO BID	1000	\$8,863.00	\$9,824.40	\$25,624.80
1500	\$5,615	\$21,000		1500	\$10,389.00	\$10,389.00	\$22,570.00	1500	No Bid	\$19,350	\$49,995.00	1500	\$3,480		1500	\$12,500.00	\$13,050.00	\$32,134.50
2000	\$6,077	\$22,646		2000	\$11,539.00	\$11,539.00	\$26,538.89	2000	No Bid	\$24,500	\$56,450.00	2000	\$3,480		2000	,	\$15,960.00	,
2500	\$6,923	\$26,954		2500	\$14,347.27	\$14,347.27	\$31,486.80	2500	No Bid	\$29,125	\$63,735.00	2500	\$3,480		2500	\$1,800.00	\$18,673.20	\$45,709.20
1PH polemounts	\$33,826	\$76,464	No Bid	1PH polemount	\$16,849	\$16,849	\$54,558	1PH polemount	\$0	\$22,446	\$58,550	1PH polemou	No Bid		1PH polemour	\$8,636.00	\$19,764.00	\$59,453.10
1PH padmounts	\$23,278	\$42,615	No Bid	1PH padmounts	\$10,916	\$10,916		1PH padmounts	\$0	\$17,820	\$28,975	1PH padmou	\$11,880		1PH padmoun		\$10,674.90	
3PH padmounts	\$41,246	\$145,523	No Bid	3PH padmounts	\$68,484	\$68,484	\$135,896	3PH padmounts	\$0	\$141,825	\$333,142	3PH padmou	\$24,240	NO BID	3PH padmoun	\$57,849.00	\$84,194.30	\$219,151.80
TOTALS	\$98,350	\$264,602	No Bid	TOTALS	\$96,250	\$96,250	\$221,126	TOTALS	\$0	\$182,091	\$420,667	TOTALS	No Bids		TOTALS	\$74,576.00	\$114,633.20	\$328,001.40

Note: All Parts and Oil are additional charge.

# FLORIDA MUNICIPAL POWER AGENCY PROVISION OF REFURBISH, REPAIR, AND DISPOSAL OF TRANSFORMERS ITB# 2021-105 VENDOR QUOTE ANALYSIS

Electrical Engineering Enterprises		al Engineering Enterprises Emerald Transformers				MP Predictiv	e Technologies	Sunbelt Solomon Services			
DIAGNOSTIC TEST	ING PRICING	DIAGNOSTIC TES	IC TESTING PRICING DIAGNOSTIC TESTING PRICING DIAGNOSTIC TESTING PRICING DIAGNOS				DIAGNOSTIC TESTING PRICING		TIC TESTING PRICING		
Single Phase <b>Po</b> <u>KVA</u>	le mounts Price	Single Phase <b>F</b> <u>KVA</u>	Pole mounts Price	Single Phase KVA	Pole mounts Price	Single Phase <b>Pole</b> mounts <u>KVA</u> <u>Price</u>		Single <u>KVA</u>	Phase <b>Pole</b> mounts Price		
10	\$275	10	\$468.21	10	\$455	10	\$1,380	10	Included in Repair Cost		
15	\$275	15	\$594.72	15	\$455	15	\$1,380	15	Included in Repair Cost		
25	\$275	25	\$625.25	25	\$455	25	\$1,380	25	Included in Repair Cost		
37.5	\$275	37.5	\$771.14	37.5	\$455	37.5	\$1,380	37.5	Included in Repair Cost		
50	\$275	50	\$946.17	50	\$455	50	\$1,380	50	Included in Repair Cost		
75	\$275	75	\$1,162.00	75	\$455	75	\$1,380	75	Included in Repair Cost		
100	\$275	100	\$1,302.59	100	\$455	100	\$1,980	100	Included in Repair Cost		
167	\$275	167	\$1,764.65	167	\$455	167	\$1,980	167	Included in Repair Cost		
250	\$275	250	\$2.380.49	250	\$455	250	\$2.580	250	Included in Repair Cost		
333	\$275	333	\$3,142.73	333	\$455	333	\$2.580	333	Included in Repair Cost		
500	\$275	500	\$3,691.26	500	\$455	500	\$2,580	500	Included in Repair Cost		
Single Phase <b>Pa</b>	·		*		e <b>Pad</b> mounts		se <b>Pad</b> mounts	Single Phase <b>Pad</b> mounts			
KVA	Price	Single Phase <b>Pad</b> mounts <u>KVA</u> <u>Price</u>		KVA	Price	KVA	Price	KVA	Price		
25	\$275	25	\$1,403.32	25	\$550	25	\$1,380	25	Included in Repair Cost		
37.5	\$275	37.5	\$1,506.41	37.5	\$550	37.5	\$1,380	37.5	Included in Repair Cost		
50	\$275	50	\$1,789.42	50	\$550	50	\$1,380	50	Included in Repair Cost		
75	\$275	75	\$1,946.01	75	\$550	75	\$1.380	75	Included in Repair Cost		
100	\$275	100	\$2,122.03	100	\$550	100	\$1,980	100	Included in Repair Cost		
167	\$275	167	\$2,149.22	167	\$550	167	\$1,980	167	Included in Repair Cost		
Three Phase <b>Pa</b>			Three Phase <b>Pad</b> mounts		Three Phase Padmounts		Three Phase <b>Pad</b> mounts		Three Phase <b>Pad</b> mounts		
KVA	Price	KVA	Price	KVA	Price	KVA	se <b>Pad</b> mounts Price	KVA	Price Padmounts		
150	\$385	150	\$3,967.00	150	\$750	150	\$1,380	150	Included in Repair Cost		
300	\$385	300	\$5,339.00	300	\$750 \$750	300	\$1,380	300	Included in Repair Cost		
500	\$495	500	\$6,389.00	500	\$750 \$750	500	\$1,380	500	Included in Repair Cost		
750	\$495	750	\$7,639.00	750	\$750 \$750	750	\$1,980	750	Included in Repair Cost		
1000	\$495	1000	\$8,874.62	1000	\$750 \$750	1000	\$1,980	1000	Included in Repair Cost		
1500	\$605	1500	\$10,389.00	1500	\$750 \$750	1500	\$1,980	1500	Included in Repair Cost		
2000	\$605	2000	\$11,539.00	2000	\$750 \$750	2000	\$1,980	2000	Included in Repair Cost		
2500	\$605	2500	\$14,347.27	2500	\$750	2500	\$1,980	2500	Included in Repair Cost		
Substation Type Ti	*	Substation Type			e Transformers		pe Transformers		on Type Transformers		
KVA	<u>Price</u>	KVA	Price	KVA	Price	KVA	Price	KVA	Price		
No Bid		TBD - see Exception	ns & Clarifications	300 - 5,000	No Bid	300 - 5,000	No Bid	300 - 5,000	Included in Repair Cost		
	<b>***</b>		0.000		Φ5.005		1 440,000		Laboration Co.		
PH polemounts	\$3,025		\$16,849		\$5,005		\$19,980		Included in Repair Cost		
PH padmounts	\$1,650 \$4,070		\$10,916 \$68,484		\$3,300 \$6,000		\$9,480 \$14,040		Included in Repair Cost Included in Repair Cost		
PH padmounts ubstation Transformers	\$4,070 No Bid		See Exceptions page		No Bid		\$14,040 No Bid		Included in Repair Cost Included in Repair Cost		
			' ' '								
OTALS	\$8,745		\$96,250		\$14,305		\$43,500		Included in Repair Cost		