

City of Danville
Purchasing Department
Invitation to Bid/Quotation
Summary

Purchasing Department
PO Box 3300
Danville, Virginia 24543
434.799.6528

Bid Awarded To: _____ Purchase Order: _____
Date: October 2, 2020 Department: Power & Light -Utility Service Center
Invitator No./Name: IFB 20-21-037 Person: David Witcher
Three Phase Pad Mount Transformers Completing Form: LC

No.	Quantity	Unit	Description	HOWARD INDUSTRIES #1		HOWARD INDUSTRIES #2		WEG TRANSFORMERS		WESCO		NATIONAL TRANSFORMER		FLEMING ELECTRIC		HYUNDAI CORPPRATION (USA)			
				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension		
1	3	EA	150 kVA Three-phase pad mount transformers, 120/208V. See attached spec. no. E87-10 Revised 05/13/19	\$ 7,745.00	\$ 23,235.00	\$ 7,526.00	\$ 22,578.00	\$ 8,110.00	\$ 24,330.00	\$ 9,540.00	\$ 28,620.00	\$ 7,527.00	\$ 22,581.00	\$ 7,000.00	\$ 21,000.00			\$ -	
			2800	No Load Losses	\$ 0.322	\$ 901.60	\$ 0.285	\$ 798.00	\$ 0.299	\$ 837.20	\$ 0.290	\$ 812.00	\$ 0.271	\$ 758.80	\$ 0.285	\$ 798.00			\$ -
			1200	Copper Losses	\$ 1.257	\$ 1,508.40	\$ 1.422	\$ 1,706.40	\$ 1.476	\$ 1,771.20	\$ 1.766	\$ 2,119.20	\$ 1.560	\$ 1,872.00	\$ 1.560	\$ 1,872.00			\$ -
					\$ 10,155.00	\$ 30,465.00	\$ 10,030.40	\$ 30,091.20	\$ 10,718.40	\$ 32,153.20	\$ 12,471.20	\$ 37,413.60	\$ 10,157.80	\$ 30,473.40	\$ 9,670.00	\$ 29,010.00			\$ -
			Make/Delivery ARO	HOWARD IND	18-20-wks	HOWARD IND	18-20-wks	WEG TRANSFOR	28-30 weeks	ABB	20-22 wks	ERMCO	16-18 Wks	Magnetron	16 Wks			NO BID	
2	3	EA	300 kVA Three-phase pad mount transformers, 120/208V. See attached spec. no. E87-10 Revised 05/13/19	\$ 9,766.00	\$ 29,298.00	\$ 9,681.00	\$ 29,043.00	\$ 10,087.00	\$ 30,261.00	\$ 11,850.00	\$ 35,550.00	\$ 9,119.00	\$ 27,357.00	\$ 8,200.00	\$ 24,600.00			\$ -	
			2800	No Load Losses	\$ 0.534	\$ 1,495.20	\$ 0.509	\$ 1,425.20	\$ 0.482	\$ 1,349.60	\$ 0.653	\$ 1,828.40	\$ 0.503	\$ 1,408.40	\$ 0.522	\$ 1,461.60			\$ -
			1200	Copper Losses	\$ 2.283	\$ 2,739.60	\$ 2.400	\$ 2,880.00	\$ 2.755	\$ 3,306.00	\$ 2.608	\$ 3,129.60	\$ 2.585	\$ 3,102.00	\$ 2.590	\$ 3,108.00			\$ -
					\$ 14,000.80	\$ 42,002.40	\$ 13,986.20	\$ 41,958.60	\$ 14,742.60	\$ 44,227.80	\$ 16,808.00	\$ 50,424.00	\$ 13,629.40	\$ 40,888.20	\$ 12,769.60	\$ 38,308.80			\$ -
			Make/Delivery ARO	HOWARD IND	18-20-wks	HOWARD IND	18-20-wks	WEG TRANSFOR	28-30 weeks	ABB	20-22 wks	ERMCO	16-18 Wks	Magnetron	16 Wks			NO BID	
3	2	EA	2000 kVA Three-phase pad mount transformers, 277/480V. See attached spec. no. E87-10 Revised 05/13/19	\$ 36,517.00	\$ 73,034.00	\$ 36,673.00	\$ 73,346.00	\$ 29,617.00	\$ 59,234.00	\$ 30,700.00	\$ 61,400.00	\$ 23,656.00	\$ 47,312.00	\$ 31,000.00	\$ 62,000.00	\$ 34,740.00	\$ 69,480.00		
			2800	No Load Losses	\$ 2.274	\$ 6,367.20	\$ 2.278	\$ 6,378.40	\$ 1.993	\$ 5,580.40	\$ 1.944	\$ 5,443.20	\$ 2.320	\$ 6,496.00	\$ 2.500	\$ 7,000.00	\$ 2.150	\$ 6,020.00	
			1200	Copper Losses	\$ 10.272	\$ 12,326.40	\$ 10.272	\$ 12,326.40	\$ 12.651	\$ 15,181.20	\$ 14.548	\$ 17,457.60	\$ 11.321	\$ 13,585.20	\$ 10.900	\$ 13,080.00	\$ 11.000	\$ 13,200.00	
					\$ 55,210.60	\$ 110,421.20	\$ 55,377.80	\$ 110,755.60	\$ 50,378.60	\$ 100,757.20	\$ 53,600.80	\$ 107,201.60	\$ 43,737.20	\$ 87,474.40	\$ 51,080.00	\$ 102,160.00	\$ 53,960.00	\$ 107,920.00	
			Make/Delivery ARO	HOWARD IND	18-20-wks	HOWARD IND	18-20-wks	WEG TRANSFOR	28-30 weeks	ABB	22-24 wks	ERMCO	16-18 Wks	Magnetron	16 Wks	EL Power Tecj	15 Wks		
4	3	EA	2500 kVA Three-phase pad mount transformers, 277/480V. See attached spec. no. E87-10 Revised 05/13/19	\$ 42,449.00	\$ 127,347.00	\$ 44,276.00	\$ 132,828.00	\$ 43,569.00	\$ 130,707.00	\$ 34,500.00	\$ 103,500.00	\$ 29,906.00	\$ 89,718.00	\$ 33,000.00	\$ 99,000.00	\$ 37,520.00	\$ 112,560.00		
			2800	No Load Losses	\$ 1.964	\$ 5,499.20	\$ 2.207	\$ 6,179.60	\$ 1.912	\$ 5,353.60	\$ 2.087	\$ 5,843.60	\$ 2.644	\$ 7,403.20	\$ 2.400	\$ 6,720.00	\$ 2.150	\$ 6,020.00	
			1200	Copper Losses	\$ 15.696	\$ 18,835.20	\$ 14.454	\$ 17,344.80	\$ 16.181	\$ 19,417.20	\$ 18.930	\$ 22,716.00	\$ 14.192	\$ 17,030.40	\$ 15.700	\$ 18,840.00	\$ 15.000	\$ 18,000.00	
					\$ 66,783.40	\$ 200,350.20	\$ 67,800.40	\$ 203,401.20	\$ 68,339.80	\$ 205,019.40	\$ 63,059.60	\$ 189,178.80	\$ 54,339.60	\$ 163,018.80	\$ 58,560.00	\$ 175,680.00	\$ 61,540.00	\$ 184,620.00	
			Make/Delivery ARO	HOWARD IND	18-20-wks	HOWARD IND	18-20-wks	WEG TRANSFOR	28-30 weeks	ABB	22-24 wks	ERMCO	16-18 Wks	Magnetron	16 Wks	EL Power Tecj	15 Wks		

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				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
5	1	EA	3750 kVA Three-phase pad mount transformers, 277/480V. See attached spec. no. E87-10 Revised 05/13/19	\$ 52,650.00	\$ 52,650.00	\$ 48,293.00	\$ 48,293.00	\$ 42,800.00	\$ 42,800.00	\$ 112,280.00	\$ 112,280.00		NO BID	\$ 35,000.00	\$ 35,000.00	\$ 48,850.00	\$ 48,850.00
	2800	EA	No Load Losses	\$ 0.472	\$ 1,321.60	\$ 4.986	\$ 13,960.80	\$ 4.102	\$ 11,485.60	\$ 5.150	\$ 14,420.00		\$ -	\$ 4.925	\$ 13,790.00	\$ 2,850	\$ 7,980.00
	1200		Copper Losses	\$ 22.506	\$ 27,007.20	\$ 24,572.80	\$ 29,671.20	\$ 29.322	\$ 35,186.40	\$ 33.250	\$ 39,900.00		\$ -	\$ 37.490	\$ 44,988.00	\$ 24,000	\$ 28,800.00
				\$ 80,978.80	\$ 80,978.80	\$ 91,925.00	\$ 91,925.00	\$ 89,472.00	\$ 89,472.00	\$ 166,600.00	\$ 166,600.00	\$ -	\$ -	\$ 93,778.00	\$ 93,778.00	\$ 85,630.00	\$ 85,630.00
			Make/ Delivery ARO	HOWARD IND	18-20-wks	HOWARD IND	18-20-wks	WEG TRANSFOR	28 - 30 weeks	ABB	14-18 wks	ERMCO	16-18 Wks	Magnetron	16 Wks	EL Power Tecj	15 Wks
			Total Purchase Cost		\$305,564.00		\$306,088.00		\$287,332.00		\$341,350.00		\$186,968.00		\$241,600.00		\$230,890.00
			Total Cost of Ownership		\$464,217.60		\$478,131.60		\$471,631.60		\$550,818.00		\$321,854.80		\$438,936.80		\$378,170.00