Santa Clara City - South Hills Substation

500kVA Voltage Regulators (Qty: 3)
Bid Evaluation
Date: 10/7/2026

Design Specifications	Station Step Regulator Class OA Single-Phase, 60Hz, 55°/65°C (Temperature Rise by resistance) System Voltage: 12.47Y/7.2kV Rated Voltage: 7.62kV Rated BIL: 95kV (Minimum) Rated Current: 656/668A Rated kVA: 500kVA Coolant: Oil Number of Steps: 32 @ 5/8% ea. Ambient Temp. Range: -20°F to +125°F Altitude: 3,300' ASL

Vendor	Irby	Wesco	Wesco	ElectroTech
Manufacturer	**Eaton**	**Eaton**	**GE**	**Siemens**
Quoted Specifications	Substation Style Regulator Class ONAN Single-Phase, 60Hz, 55°/65°C Rated Voltage: 7.62kV Rated BIL: 95kV Rated Current: 656/735A Rated kVA: 500/560kVA Coolant: Mineral Oil Number of Steps: 32 Operating Altitude: Not Included SEL-2431 Control, 24310111X124XXX231XX *	Substation Style Regulator Class ONAN Single-Phase, 60Hz, 55°/65°C Rated Voltage: 7.62kV Rated BIL: 95kV Rated Current: 656/735A Rated kVA: 500/560kVA Coolant: Mineral Oil Number of Steps: 32 Operating Altitude: Not Included SEL-2431 Control, 24310111X124XXX231XX*	Step Voltage Regulator Class ONAN/ONAF Single-Phase, 60Hz, 55°/65°C Rated Voltage: 7.62kV Rated BIL: 95kV Rated Current: 668/668A Rated kVA: 509kVA Coolant: Mineral Oil Number of Steps: 32 Operating Altitude: 3,300' N Control provided, only a 5ft cable from the Position Indicator.	Regulator Type A, Class ONAN Single-Phase, 60Hz, 55°/65°C Rated Voltage: 7.62kV Rated BIL: 95kV Rated Current: 656A Rated kVA: 500kVA Coolant: Mineral Oil Number of Steps: 32 at 0.625% ea. Altitude: Not Included No Control provided
Cost Each	$56,517.00	$54,694.00	$46,136.00	$39,918.00
Cost (Qty: 3)	**$169,551.00**	**$164,082.00**	**$138,408.00**	**$119,754.00**
Cost Each (Steel Stands)	Not Specified	Not Specified	$1,432.00	Not Specified *
Cost (Qty: 3)			$4,296.00	
Freight	Included	Included	Not Specified *	Included
Tariff Costs (If Applicable)	NA	NA	NA	NA
Total Cost Per Unit	$56,517.00	$54,694.00	$47,568.00	$39,918.00
Overall Total Cost (Qty: 3)	**$169,551.00**	**$164,082.00**	**$142,704.00**	**$119,754.00**
Approval Drawings (weeks)	10	10	4-6	15 (before scheduled shipment)
Delivery (weeks)	**32 ARO**	**32 ARO**	**24-26 After Drawings Release/Approval By the Customer**	**22-26 ARO**
Warranty	12 Months from installation or 18 months from the date of shipment	12 Months	12 months from date of energization or 18 months from date of shipment, whichever occurs first.	12 Months after service date, or 18 Months after shipment
Notes:	1) Regulators will be provided with a bypass (series) arrester connected across the series winding and an oil sight gauge. 2) Is Operating Altitude included? 3) Does this quote include a stand? 4) Paint Kit option for adder cost of $546 * Bid included controller but RFQ Addendum asked for removal of controlller in quotation.	1) Need to clarify delivery location. 2) Paint kit option for adder cost of $528.22. 3) What is the operating altitude? 4) Does this quote include a stand? * Bid included controller but RFQ Addendum asked for removal of controlller in quotation.	* Freight inclusion requires verification 1) No mention of paint kit option	* Steel Stand inclusion requires verificaton 1) No mention of paint kit option

Recommended Supplier: **Siemens (via ElectroTech); based on cost, lead time, and spec conformance.**