Santa Clara City - South Hills Substation

14.4kV Reclosers (Qty: 3)
Bid Evaluation
Date: 09/23/2026

Design Specifications

Type: Vacuum
Rated Voltage: 14.4kV (Nominal), 15.5kV (Max)
Minimum Rated BIL: 110kV
System Voltage: 12.47Y/7.2kV
Minimum Rated Continuous Current: 800A
Rated interrupting Current at Rated Voltage: 12.5kA
Rated Frequency: 60Hz
Low Frequency Withstand, Dry, 60Hz, 1 Minute: 50kV RMS
Low Frequency Withstand, Wet, 60Hz, 10 Seconds: 45kV RMS
Minimum Creep: 38"
Maximum Rated Interrupting Time: 3.5 Cycles
Trip/Close Voltage: 155VDC
Number of Load Current Switching Operations w/out Servicing: 2500 Operations

Solid Dielectric Automatic Circuit Recloser
Two Sets of CTs
Control Junction Box
Interconnecting Control Cable
Independent Fault Sensing w/ 3 Phase Simultaneous Trip
4-hole NEMA PAD Terminal Type
Ambient Temp Range: -20° F to 125° F
Altitude: 3,300' ASL

Vendor	ABB	Irby	**Irby**	**PPR**
Manufacturer	**ABB**	**ABB**	**Eaton**	**Tavrida**
Type	B - Gridshield 3SP	Molded Vacuum Recloser	NOVA-NXT Recloser	NOVA-NXT Recloser
Quoted Specifications	Rated Voltage: 7.2kV (Customer Rating), 15kV (Max) Rated BIL: 110kV (Customer Rating), 125kV (Max) Rated Continuous Current: 800A (Customer Rating), 1000A (Max) Rated interrupting Current at Rated Voltage: 12.5kA Low Frequency Withstand, Dry, 60Hz, 1 Minute: Not Included Low Frequency Withstand, Wet, 60Hz, 10 Seconds: Not Included Creep: Not Included Rated Interrupting Time: Not Included Trip/Close Voltage: 125VDC Number of Load Current Switching Operations w/out Servicing: Not Included 4 NEMA 4 Hole Pad Three (3) 600:1 CTs 3 Embedded Load Side Voltage Sensors 10000:1 32 pin to 32 pin 10 ft Control Cable Heater Voltage 120 VAC Operating Temp Range: Not Included	Rated Voltage: 15kV Rated BIL: 150kV Rated Continuous Current: 800A Rated interrupting Current at Rated Voltage: 12.5kA Low Frequency Withstand, Dry, 60Hz, 1 Minute: Not Included Low Frequency Withstand, Wet, 60Hz, 10 Seconds: Not Included Creep: Not Included Rated Interrupting Time: Not Included Trip/Close Voltage: Not Included Number of Load Current Switching Operations w/out Servicing: Not Included 4 Hole Terminal Lug Three (3) 1000:1 CTs Load Side Voltage Sensor No control Included Heaters Not Included Operating Temp Range: Not Included	Rated Voltage: 15kV Rated BIL: Not Included Rated Continuous Current: Not Included Rated interrupting Current at Rated Voltage: Not Included Low Frequency Withstand, Dry, 60Hz, 1 Minute: Not Included Low Frequency Withstand, Wet, 60Hz, 10 Seconds: Not Included Creep: Not Included Rated Interrupting Time: Not Included Trip/Close Voltage: Not Included Number of Load Current Switching Operations w/out Servicing: Not Included No other information included	Rated Voltage: 27kV Rated BIL: 150kV Rated Continuous Current: 800A Rated interrupting Current at Rated Voltage: 16kA (at 15kV RMS) Low Frequency Withstand, Dry, 60Hz, 1 Minute: 60kV Low Frequency Withstand, Wet, 60Hz, 10 Seconds: Not Included Creep: Not Included Rated Interrupting Time: 1.5 Cycle Trip/Close Voltage: 155 VDC Number of Load Current Switching Operations w/out Servicing: Not Included 4-Hole copper NEMA type connectors with wildlife protection (3) 600:1 CTs 6 Load and Line Side Voltage Sensors SEL-651R-2 Included Heater Voltage 120 VAC 120 VAC power supply
Cost Each	$36,199.50	$24,280.00	$22,428.00	$32,875.00
Cost (Qty: 3)	**$108,598.50**	**$72,840.00**	**$67,284.00**	**$98,625.00**
Freight	Included	Included	Included	Included
Tariff Costs (If Applicable)	No Mention	No Mention	No Mention	No Mention
Total Cost Per Unit	$36,199.50	$24,280.00	$22,428.00	$32,875.00
Overall Total Cost (Qty: 4)	**$108,598.50**	**$72,840.00**	**$67,284.00**	**$98,625.00**
Approval Drawings (weeks)	3 after receipt of ABB approved order	Not Included	Not Included	Not Included
Delivery (weeks)	**27 w/ approval drawings, 22 w/out approval drawings**	**20-26 ARO**	**35 ARO**	**14-16 AOA**
Warranty	36 months	18 Months from Date of Shipment	18 Months from Date of Shipment	60 Months from Date of Invoice
Notes:	1) Unless specifiied to the ocntrary in writing by ABB, payment terms are net cash, payable without offset, in United States Dollars, 30 days from date of invoice by wire transfer to the account designated by ABB in the proposal. 2) Need Clarification on the rest of the Specs 4) Taxes are not mentioned, may need clarification on how much they will add to total cost. 5) What is the lead time for drawings and equipment? 6) Except as otherwise agreed by ABB, the price does not include any federal, state or local property, license, privelege, sales, use, excise, gross receipts, tariffs or other like taxes("Taxes") which may now or hereafter be applicable.	1) Prices are subject to change at any time prior to shipment unless otherwise agreed in wiritng signed by an authorized Seller representative. 2) Quotation does not include special mounting or installation hardware, equipment options, accessories, samples, spares, or mock-up equipment unless otherwise noted. 3) Missing many design specifications, may have to reach out for more information.	1) Besides Warranty, Delivery, Pricing, and Voltage, no other information is included in this bid. They will need to send a lot more information. 2) Missing many details and design specifications, may have to reach out for more information.	1) Most complete and detailed quote recieved. 2) Footprint is non-conventional; bulky and awkard dimensions w/ auxiliary equipment needed.

Recommended Supplier: **Eaton (via Irby); based on price and lead time. Contingent upon receiving and verification of the bid details requested in the RFQ.**