



Quotation: 033011

Prepared for: T. E. Pickering, Ph.D.

SALT Astronomer

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Southern African Large Telescope

SAAO

Observatory Road

7925 Observatory, South Africa

Date: 3/30/11

Prepared by: Dimitri Klebe

Item	Description	Unit Price
ASIVA	All Sky Infrared Visible Analyzer Core System	\$125,000
Host Computer Upgrade	Upgrade to a Host Computer exceeding \$1,000 in cost	Computer Cost minus \$1,000
Additional IR Filters	Additional 1-inch filters from JDSU or other filter manufacturers	Cost of filters (no markup)
Product Elements	ASIVA Core System <ul style="list-style-type: none"> • Weatherproof Maintenance-Free Enclosure • 640 x 512 IR microbolometer focal plane array • Hard carbon-coated, proprietary IR lens offering a 180° FOV • Automated 6-Position Filter Wheel for 1-inch filters • Three 1-inch diameter by 1 mm thick IR filters: 8.1 – 9.4 μm, 10.2 – 12.2 μm, and 8.0 – 12.0 μm. • Hatch Subsystem with integrated blackbody reference with embedded heater and temperature sensors for in situ self-calibration • Visible spectrum, 1/2-inch format 1-megapixel CCD monochrome or color camera from Finger Lakes Instrumentation. Other camera options including 6-Position Filter Wheel for 1-inch filters are available upon request. • 180° off-the-shelf visible spectrum lens • Motorized focusers for IR and Visible camera subsystems • Embedded Processor for instrument hardware control and data acquisition • Host Computer used for data instrument control and data analysis and storage • Fiber-optic Network Connection linking Embedded Processor and Host Computer • Enclosure Thermal Management System and Internal Temperature Sensor • Full instrument control and browser-based content analysis and management software package 	
	Service <ul style="list-style-type: none"> • Onsite delivery and installation to South African Astronomical Observatory • Operations manual • One year warranty on parts, labor, and any required travel expenses to South African Astronomical Observatory 	

Delivery Schedule: 4-6 months after receipt of purchase order and down payment.

Payment Terms: Down payment of \$50,000 with purchase order to cover component costs during instrument build-up. Balance payable within 30 days after delivery.

Quotation valid through May 1, 2011. Please contact Dimitri Klebe at dklebe@solmirus.com, dklebe@dmns.org, or 719-964-3838 if additional information is required.