

TABLE OF CONTENTS, VOL. I, No. 1.

		PAGE
Chapter	I. Introduction.....	7
Chapter	II. Enquiries, Specifications and Tenders.....	9
	Enquiries.....	9
	Specifications.....	11
	Preliminary.....	11
	General Specifications.....	11
	Optical Parts.....	12
	Mounting.....	14
	Tenders.....	18
Chapter	III. Design, Construction and Location.....	20
	Design and Construction.....	20
	Location of Telescope.....	23
Chapter	IV. Construction of Observatory Building and Erection of Telescope.....	26
Chapter	V. Description of Optical Parts.....	36
Chapter	VI. Description of Mounting.....	55
	The Tube.....	55
	The Declination Axis, Bush and Housing.....	62
	The Polar Axis.....	64
	The North Pier Head.....	64
	The South Pier Head.....	64
	The Driving Mechanism.....	64
	Quick and Slow Motions.....	66
	The Setting Circles.....	68
	The Bearings.....	69
	Electrical Equipment.....	72
	The Finders.....	76
	Oculars.....	76
	The Double Slide Plate Holder.....	77
	The Silvering Car.....	79
Chapter	VII. Description of the Spectrograph.....	81
	General.....	81
	The Optical Parts.....	83
	Guiding Apparatus.....	85
	Slit and Diaphragm Mechanism.....	85
	Comparison Mechanism.....	88
	The Spectrograph Box.....	88
	The Attaching Frame.....	91
	The Temperature Case.....	92
	Attachment to Telescope.....	94
	Adjustments and Tests of the Spectrograph.....	94
Chapter	VIII. Description o' the Building and Dome.....	96
	The Building.....	96
	The Dome.....	98
	Conclusion.....	101