UNL FABRICATED EQUIPMENT APPROVAL FORM

		/	
			Date:
Principal Investigator.	Department	PI Signature:	10/29/19
Ken Bloom, Frank Golf, Ilya Kravchenko	Physics and Astronomy	Fabricated Equipment Name:	Fabrication Location-Bidg & Room:
Department Business/Administarative Contact Person and Phone Number:		Silicon Detector Module Assembly Gantry	JH 174
		Does the University have ownership of the fabricated equipment?	Estimated Date of Completion:
Describe Function of Fabricated Equipment (1906 1).	Escritated total cost	Does the University have ownershap of the last today of the	5/1/20
ssembly of silicon detector modules for CMS experime	\$172,208.73		2
ssembly of silicon detector modules for CMS experime	\$17,250.75		

FABRICATED EQUIPMENT COMPONENTS					
	Quantity	Cost Object	Vendor Name	Estimated Order Date	Total Cost
Description of Components Ordered	Quantity	003,003,000	Aerotech		155,870
S10000 Gantry System	1		Aerotech		2,909
Axis Handwheel Pendant with Estop (MPG), and Cable	1		Aerotech		2,311
ippping cost of the above Aerotech items	1		Festo		2,003
5-Line Valve manifold with digital control			Dell		1,975
ecision 7820 PC	1		National Instruments		1,020
DAQ9174 CompactDAQ Chassis	1		National Instruments		517
1-9476 32 Channel Digital Relay	1		TRC Electronics		93
IV DC Power Supply	1		Edmund Optics	+	750
0-32122M CMOS Monochrome USB Camera	1		Edmund Optics	+	70
X Milatoyo Plan Apo Infinity Corrected Long WD Objective Lens	1		Edmund Optics	 	2,59
Mount Video Microscope Unit	1		Edmund Optics	 	45
15V, Mi-152 Fiber Optic Illuminator	1		Edmund Optics	-	11
" x 36", Flexible Fiber Optic Light Guide	1			-	29.
P6S Pro-Set Single Stage Vacuum Pump	1		Cole-Palmer		59
ortable Server Rack with Handies - Rolling Cabinet — 9U	1		Amazon		33
Autor Server received					
he following cost centers will be charged:				+	
22-0521-0010 will cover 10,000.00				1	
26-0521-0175-005 will cover the remaining 162,208.73					
20-022-027-000 Million C.					
		*			\$1.72.20

APPROVED BY	DATE
Accounting Department (14)	P105/51/11
DECLINED BY	DATE
Accounting Department	
COMMENTS	

Note 1

If available, please provide a visualization or diagram
of the fabricated equipment. Attach additional pages for
description if needed.

Completed forms should be submitted to: Fixedassets@unl.edu