

NCSX GDC Backup Information

WBS23

Title: Glow Discharge Cleaning

Originator: W. Blanchard

Description of Activities to be Performed Activity Definition	Eng Mhrs	Design Draft Mhrs	Monthly Support Mhrs	Tech Mhrs	M&S
I. GDC System					
1) Design and Mech. Eng., Work Planning and Testing	144		80		
2) Testing and Refurbishment of Equipment			24		
3) Mechanical Fabrication and Installation			170		\$11,900.00
4) Electrical Design and Drafting		160	80		
5) Electrical Fab and Installation			80	120	\$5,800.00
III. PLC Controls					
1) Engineering Design	24		120		
2) Electrical Design and Drafting		80			
3) Fabrication and Installation			216	80	\$5,000.00
4) Integrated System Testing			24		
Totals=	168	240	794	200	\$22,700.00

Total Engineering Labor @ \$150.00/hr= \$25,200.00

Total Design/Draft Labor @ \$100.00/hr= \$24,000.00

Total Monthly Support Labor @ \$100.00/hr= \$79,400.00

Total Bi-weekly Tech Labor @ \$75.00/hr= \$15,000.00

Total M&S * 1.25= \$28,375.00

Total for TVPS= #####

Total with 14% contingency= #####

Note: This system will not be installed for first plasma but will be derred as a future upgrade to NCSX.