## MATERIALS COST

| ITEM \# | DESCRIPTION | TOTAL COST |
| :--- | :--- | :--- |

1.0 Manufacture

| 1.1 | Material Stock | $\$ 21,045$ |
| ---: | :--- | ---: |
| 1.2 | Die Manufacture | $\$ 29,876$ |
| 1.3 | Welding \& Fixtures | $\$ 6,210$ |
| 1.4 | Forming | $\$ 29,573$ |
| 1.5 | Heat Treating (Stress Relieving) | $\$ 8,280$ |

### 2.0 Inspection and Test

| 2.1 | CMM (Rent) | $\$ 2,000$ |
| ---: | :--- | ---: |
| 2.2 | Weld Inspection (x-ray) | $\$ 7,195$ |
| 2.3 | Magnetic Permeability | $\$ 750$ |
| 2.5 | Wall Thickness (Ultrasonic) | $\$ 2,400$ |

### 3.0 Preparation for Delivery

| 3.1 | Metal Labels | $\$ 200$ |
| ---: | :--- | ---: |
| 3.2 | Skids and Crates | $\$ 300$ |
| 3.3 | Shipping | $\$ 1,500$ |

### 4.0 Miscellaneous

| 4.1 | Computer Hardware Upgrades | $\$ 2,956$ |
| ---: | :--- | ---: |
| 4.2 | Travel (See Sub-sheet) | $\$ 24,770$ |


| Material Cost: |
| :---: |

## LABOR COST

| ITEM \# | DESCRIPTION | TOTAL COST |
| :---: | :--- | ---: |
| $\mathbf{5 . 0}$ | Project Management | $\$ 15,016$ |

6.0 Engineering

| 6.1 | Mechanical | $\$ 42,864$ |
| ---: | :--- | ---: |
| 6.2 | Measurement | $\$ 8,588$ |
|  | Labor Sub-Total: |  |
|  | $\$ 66,468$ |  |

### 7.0 Subcontract (Nu Vacuum Systems)

| 7.1 | Project Management/Engineering | $\$ 25,980$ |  |
| ---: | :--- | ---: | ---: |
| 7.2 | Direct Labor | $\$ 36,097$ |  |
|  | Labor Total: |  | $\mathbf{\$ 1 2 8 , 5 4 5}$ |

