**Technician Labor Summary for Project: Welder Control System  
Technician: Kyle Cantu  
Business: North Point Computers  
Client: Tom Ronnkvist / Drill Pipe Inc.  
Service Location: 62 S King St, Alice, TX 78332**

**1. Legacy PC Sourcing & Baseline Test**Located and restored a late-1990s industrial PC with multiple ISA slots. Cleaned and refurbished ports, replaced BIOS battery, powered on, verified POST, and confirmed basic DOS functionality. **Time Spent: 1.0 hr**

**2. ISA Card and HDD Migration & Fit Check *(included in $678 ticket)***Installed welder’s interface cards, transferred original HDD, verified physical fit and resource integrity in BIOS/DOS. **Time Spent: 2.0 hr**

**3. Disk Cloning & OS Migration**Cloned original DOS drive, created backup images, restored to spare IDE drives for data protection and rollback readiness. **Time Spent: 3.0 hr**

**4. Operating System Troubleshooting**Investigated boot issues; adjusted BIOS, edited CONFIG.SYS/AUTOEXEC.BAT, tested alternate drives, ruled out hardware faults. **Time Spent: 2.0 hr**

**5. Client Consultation & Decision Point**Phone consultation with Tom Ronnkvist; reviewed diagnostic results and proposed ISA emulation solution. Approved by client. **Time Spent: 0.5 hr**

**6. Emulation Hardware Procurement & Initial Setup**Ordered ISA bridge, passive backplane, cables. Performed power-on validation and installed toolchain. **Time Spent: 2.0 hr**

**Total Documented Labor Time: 10.5 hours  
 (*2.0 hours included in the $678 service ticket*)**

**Technician Certification  
 I hereby certify that the above hours and tasks are accurate to the best of my professional knowledge.**

**Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**