



**DIVERSIFIED
REMEDICATION**
and
CONTROLS
INCORPORATED

September 27, 2004

QUOTE #04081-Rev C

Clifford Hillin
GSI
3826 Arch Avenue
Grand Island, NE 68803
Phone: 308-381-1987
Fax: 308-381-2467

RE: SVE Trailer System

Dear Clifford,

Thank you for giving us the opportunity to provide you with this proposal. Please let us know if you have any questions, or need additional information. We look forward to working with you on this project.

Section A. SVE System

Item 1A 1 SVE blower package

Roots 59 URAI positive displacement blower (15 hp, 3 ph, 230v, XP motor)
Designed for: 400 SCFM @ 88" wc (16.5" wc pressure drop from trailer wall to blower inlet)

Package includes:

- Inline filter
- Vacuum indicators (liquid-filled, ss), (Qty. 2)
- Discharge silencer
- Temperature indicator
- Pressure indicator
- Sample valve
- Direct read flow meter (discharge)
- Air/water separator
 - 80 gallon capacity
 - Site tube
 - Vacuum relief valve
 - Vacuum indicator
 - High-level alarm latch switch
 - Drain port with ball valve

Item 2A 1 SVE manifold package (16 lines)

The main line includes the following:

- Dilution valve with filter/silencer (plumbed to the outside of trailer)
- Temperature gauge
- Direct read flow meter

Each individual line includes the following:

- Throttling valve
- Sample valve
- One foot of clear PVC
- Vacuum indicator
- Magnehelic gage w/ pitot tube (air flow)
- Miscellaneous plumbing

Section B. Control System

- Item 1B** **1 DRC U.L. listed system controller-PLC logic (Nema 4)**
 Each motor circuit to include: H/O/A switch, Green run light, Motor Starter w/overload protection, IEC motor contactor, hour meter and cycle timer. Red fault indicator light for each latch circuit.

DRC proposes a control panel to include controls for the following:

- SVE blower circuit
- SVE air/water separator tank high-level latch circuit

Other items included:

- DRC Chester Telemetry Software
- Programmable logic controller (PLC)
- Lightning arrestor
- Surge protection (phone line)
- Panel heater

Section C. Trailer Mounted Equipment

- Item 1C** **1 SVE trailer package**
 Enclosed pre-fabricated insulated trailer (7' wide x 14' long)
 DRC panel mounted on the outside of the trailer
 Explosion proof wiring (Class 1, Div. 2) of all equipment to the DRC control panel
 Includes mounting & plumbing of the following:

- SVE System
- Explosion proof heater with thermostat
- Explosion proof exhaust fan with thermostat
- Exhaust louvers
- Explosion proof light and light switch
- Control panel
- Service panel

Trailer options include:

- Insulated walls, ceiling and floor
- Double rear doors
- Interior height of 6' 6"
- Two stabilizer jacks (2,000 lb capacity)