IDEA-fax

To:	Southwest PV	**From:**	Brian K. Silowash, P.E.
Fax:	281-351-8356	**Date:**	August 5, 2005
Phone:	281-351-0031	**Pages:**	4
Re:	Water Pumping Application	**CC:**	

Dear Sir or Madam,

I am working on a project for a remote pumping station in the rural mountains of Haiti. The application is to pump spring water. Since the spring lies nearly 50 feet higher than the location of the pumping station, we have the flexibility to build either a below-ground, or above-ground tank, as water will flow into the tank in either case. From this tank, I want to pump approximately 1748 feet horizontally, and 231 feet vertically. I have chosen 1.5" diameter pipe. I am currently planning on using galvanized CS, sched 40, due to its availability. I would much rather use fusion-welded HDPE piping, and that may drop the head requirements down a bit.

Please provide a quote to cover price, terms, and delivery, for a complete system that can be assembled on-site to deliver the required amount of water. The preferred delivery point would be Port-au-Prince, Haiti, but we may be able to handle Miami, FL. I an also interested in the size of the array, the weights of the equipment, and any auxiliaries that may be required (inverters, controllers, etc.) My goal is to keep this system simple and avoid sophisticated controls.

Please call me with any questions you may have.

Note: this is for a charity (Partners In Progress, a 501 (c)(3) tax-exempt, non-profit corporation registered in the Commonwealth of PA). We need your best price, and keep in mind that any contributions may be tax-deductible!

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