

Thursday, August 17, 2000

Dr. Henry Sobel  
UNIVERSITY OF California at IRVINE

Re: SUPER-K AIR

Dr. Sobel,  
Please find as enclosed our revised pricing and proposed equipment for  
low pressure air system for Super-K.  
Total Estimated price as outlined is: **\$ 133,000.00 plus freight.**

Thank You,

Roy E. Hall  
SOUTH COAST WATER  
714.939.7873 ext. 13

UCI/SK AIR  
Preliminary Estimate.

***EQUIPMENT:***

1- ROBOX BLOWER.

Flow:	1300 cfm
Discharge Pressure:	15
Stages:	1
Horse Power:	125
Dimensions:	5' X 5' X 6'
Weight:	2300 lbs.

1- C series Heat Exchanger:

Heat Exchange:	234F to 70F @ 1300 cfm
Water Vapor:	61.3% to 65% reduced.
Dimensions:	6' X 3' X 4'
Weight:	800 lbs.

**Equipment Pricing estimate:    \$ 58,500.00 includes labor and materials to install.**

Supply Piping:

6000 feet HDPE Piping SDR 32.5:	
Size:	12" (actual size to be approved by mine.)
Lengths:	50'
Weight:	6 lbs. / foot

**Piping Pricing Estimate:        \$ 74,500.00 includes labor to install in tunnel**

UCI/SK AIR

**Availability:**

Equipment:		20 weeks delivery.
Installation:	Equipment	1 week.
	Piping	2 weeks.

**Estimated Freight:**

1- Container shipment from US to Japan:	\$ 6,000.00
1- Shipment of Pipe:	\$ 6,000.00

**Additional Cost items:**

Freight from Japan port to Super K.  
Installation of Piping brackets by mine personnel in tunnel.  
Sump for Water supply to Heat Exchanger.  
Pipe transitions from main piping to user areas.  
Small additional concrete pad and enclosure for new blower.

