



Reverse Osmosis/Membrane Softening/Nanofiltration Pilot

Total Pilot Lease Duration, Months	3 months	One-Time Cost
Item	Monthly Rate	
Lease one NF/RO Pilot Unit	\$7,500	
RO Pilot CIP System lease, per month	\$850	
Installation Supervision, Startup, support		\$12,000
plus expenses, billed at cost x 10%, estimated		\$6,500
Twenty-One RO Membranes		\$7,750
Consumables: SDI pads, Cartridge Filters, Scale Inhibitor	\$500	
Shipping (estimate, roundtrip)		\$9,850
Taxes, if applicable		Not Included

Summarized below is additional information on the scope and description of the equipment and labor.

- The RO pilot will include up to three pretreatment chemical feed systems for acid, scale inhibitor and sodium bisulfite. The projections provided herein do not indicate that pretreatment acid feed would be required.
- 24-7 phone support for operational and process questions is included for during the pilot study period.
- Services and expenses for the startup and training trip are *included* and are based on a one-week trip, as this is almost always the amount of time required for start-up and training. If an additional week is required, it will be provided at no additional cost. If a third week is required, it would provided at a reduced rate of \$1295/day plus expenses. The cost for a technician to be onsite for a CIP trip can also be provided for a reduced rate of \$1295/day plus expenses. A monthly service trip is currently not included, as it is typically not required, however, any trips desired can be provided at the same reduced rate described above.