

AGENDA
SPECIAL MEETING OF THE BOARD OF COMMISSIONERS
HUMBOLDT BAY HARBOR, RECREATION AND CONSERVATION DISTRICT

DATE: May 2, 2013
TIME: 2:00 p.m. Special Meeting
PLACE: Woodley Island Marina Meeting Room

The Meeting Room is wheelchair accessible. Accommodations and access to Harbor District meetings for people with other handicaps must be requested of the Director of Administrative Services at 443-0801 24 hours in advance of the meeting.

1. **Call to Order Special Meeting at 2:00 p.m. and Roll Call**
 2. **Pledge of Allegiance**
 3. **Public Comment**
 4. **Move to Executive Closed Session**
 1. Move to Executive Closed Session pursuant to the provisions of the California Government Code Sections 54956.8 (Conference with Real Property Negotiator)
 - a) Conference with Real Property Negotiator
Negotiating Parties: Paul Brisso, District Counsel; Mike Wilson, Board President; Richard Marks, Vice President; Jack Crider, Chief Executive Officer

Under Negotiation:
Freshwater Tissue Company property purchase negotiations
5. **Adjourn Executive Closed Session**
6. **Report on Executive Closed Session**
7. **Move to Regular Session**
 - 1) New Business
 - a) Consideration of purchase of Clear Flow Aquaponic System from Nelson and Pade not to exceed \$21,815.00
8. **Adjourn Regular Meeting**

Clear Flow Aquaponic System:

Commercial 200 Clear Flow Aquaponic System

\$ 20,280

as described at: <http://aquaponics.com/page/commercial-systems>

Complete Clear Flow Aquaponic System – proven, science-based design includes 4 – 200 gal fish tanks, drains and stands, all filter tanks, drains and stands, 2 - 8' x 16' raft tanks (frames, custom-fit food-grade raft tank liner, plant rafts), automated plant propagation system, accelerated plant nursery system, water pump(s) and plumbing, gate valves and true union ball valves, air blower, aeration system and air diffusers, fish net, starter supply of grow cubes, books, manuals and documentation

Palletizing Fee

\$ **525**

Recommended Accessories and Optional Equipment:

Instructions: Clear Flow Aquaponic Systems® are complete system packages that include all of the components in the aquaponics loop: all tanks, filter tanks, tank stands, grow beds, plumbing, pumps, valves, the aeration system, seed germination system and accelerated plant nursery. There are additional items that some people need and others do not, depending on their climate, crop choices, infrastructure, etc. Those items are listed here, along with suggestions on growing supplies and optional equipment that you will use over time. Select the items that you wish to purchase in addition to your aquaponic system. For more information on accessories and optional equipment, visit <http://aquaponics.com/page/optional-equipment-and-growing-supplies>. If you have questions on what will best suit your needs, please call us at 608-297-8708 or email info@aquaponics.com.

Fish Nursery System – 4-50 w/Grow Beds and Heater. This fish nursery has 4- 50 gallon fish tanks, cedar tank stands, all filtration tanks, plumbing, water pump and aeration kit. Air supply comes from the C300 air pump. This nursery also includes 3 raft tanks for growing plants. It is intended for raising new fingerlings to ~50 grams (stocking size for the C300 system), plus raising a variety of plants in the raft tanks @ \$ 7,579

\$ _____

Fish Purge system – 2-110 Fish Purge system. This is a stand-alone aquaculture system used to purge fish prior to harvest. It includes 2 – 100 gallon fish tanks, all filter tanks and filter components, water pump and plumbing and aeration kit. Air supply comes from the C300 air pump. @ \$ 2,995

\$ _____

Inline Water Heater - to maintain an even water temperature, will contribute to steady fish and plant health, vigor and growth rates. Required in most climates if raising tilapia or other warm water fish.

_____ inline water heater, 220 v, with installation kit, @ \$ 1010

\$ 1,010

Fish Tank Window Kit - so you can see the fish in your tank. Kit includes having us cut the hole in the fish tank, drill the holes for attachment, sealant and hardware. You will need to glue the window in place.

_____ Window kit @ \$199/each (you can have windows in one, two, three or all four fish tanks)

\$ _____

Water Quality Test Kits – If you don't have basic water quality test kits, we suggest that you purchase some. We've listed two options for the test kits and the DO meters.

_____ LaMotte Test Kits for pH, ammonia, nitrite and nitrate @ \$264.60 for all four kits \$ _____

_____ LaMotte 9 parameter test kit (pH, ammonia, nitrite, alkalinity, CO2, Chloride, DO, Hardness, temperature), plus a nitrate test kit @ \$310.25 \$ _____

Dissolved Oxygen Testing

_____ DO Pen, handheld unit, no data logging @ \$286.75 \$ _____

_____ DO Meter Kit, meter with data logging, probe and case @ \$366.50 \$ _____

Rockwool Plant Grow Cubes - system comes with 4 sheets, order more for additional planting

_____ pads of 200 -1.0" cubes/pad @ \$12.95/pad \$ _____

_____ Box of 30 pads (6000 cubes) @ \$249/box (approximately year's supply = 4 boxes) \$ _____

Monitoring and Alarm Systems - Monitoring and Alarm systems notify you when any condition is outside of a pre-set parameter. These systems include the monitoring system and sensors to determine: power on/off, water temperature, air temperature, water pressure (pump on/off) and air pressure (pump on/off). Each unit includes sensors. You only need one. Visit aquaponics.com/store/ to learn more about each model.

_____ Sensaphone 400 - telephone-based (need phone line) @ \$749 \$ _____

_____ Sensaphone 800 – telephone-based (need phone line) @ \$995 \$ _____

_____ Web 600 - Web-based (need Internet), includes battery backup @ \$ 849 \$ _____

Grow Lights – If you will be growing in a greenhouse, grow lights can be used to supplement natural sunlight. The numbers listed below are for supplemental lighting in a greenhouse

1 8- 1000 watt metal halide lights, fixture, ballast and bulb, light controller and hanging kits @ \$3389 \$ _____

Spare Parts – You can order extras of some system components including the water pump, air pump, gate valves, true union ball valves and air diffusers.

_____ ¼ hp Water pump @ \$695 \$ _____

_____ ½ HP Air pump @ \$665 \$ _____

_____ 1.5" Gate Valve @ \$12.95/each \$ _____

_____ 2" Gate Valve @ \$19.35/each \$ _____

_____ 1" True Union Ball Valve @ \$17.50 \$ _____

_____ 1.5" True Union Ball Valve @ \$31.50 \$ _____

_____ 3" Air diffuser @ \$3.50/each \$ _____

_____ 6" Air diffuser @ \$6.75/each \$ _____

Greenhouse:

Not included

Services and Training Options:

Assembly Options:

Onsite Assembly Guidance - If you have people who can provide labor to assemble the system but want some personal instruction on the assembly, Nelson and Pade, Inc. can send a technician to your location to get you started in the right direction. They will oversee inventorying and identifying parts, layout components and answer questions about the assembly and operation of the system.

\$2500*/3-day session, plus travel expenses. *Price can vary, based on location and conditions \$ _____

System Assembly – We can send out a team of technicians to assemble your system.

Two technicians @ \$1200/day x 8 days (estimated) = \$9,600, plus all travel expenses \$ _____

Notes on assembly options: Greenhouse or space must be complete and all infrastructure (water, electric, drains, etc) must be installed prior to our arrival.

Training Options and Tech Support Options:

3-Day Aquaponics & Controlled Environment Agriculture Workshop, in Montello, WI @ \$995/person \$ _____

Extended Stay Learning Program, in Montello, WI @ \$1,200/week/person \$ _____

1 year Nelson and Pade Grower Support Package @ \$1,800/year \$ _____

Total..... \$ 21,815.00

50% Deposit Paid with order \$ _____

Balance Due, plus shipping cost, prior to shipment \$ _____