

**From:** Richard Kahn <[REDACTED]>

**To:** "jeffrey E." <jeevacation@gmail.com>

**Subject:** Fwd: El Brillo Way Sea Wall Bids

**Date:** Tue, 23 Feb 2016 23:22:04 +0000

**Attachments:** CCI23022016\_2(2).pdf; seawall\_repairs\_El\_Brillo\_palm\_beach.doc; Epstein\_seawall.pdf

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attached are both bids:

original from Dan 29,800 and new bid from Brian 64,915

below Brian explains the differences between both bids

please advise

thank you

Richard Kahn  
HBRK Associates Inc.  
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Begin forwarded message:

**From:** Brian Arrandale <[arrandaleb@bellsouth.net](mailto:arrandaleb@bellsouth.net)>

**Subject:** El Brillo Way Sea Wall Bids

**Date:** February 23, 2016 at 4:47:07 PM EST

**To:** Richard Kahn <[REDACTED]>

Rich,

I looked at both bids closely. I did a quick sketch to help (I hope) visualize whats going on with the sea wall and what both Contractors are proposing.

The First part of both bids are relatively the same. Remove old sheet piling, pound new sheet piling into the lake floor a few inches out from the old concrete and pour new concrete. This is meant to help hold back the base of existing sea wall.

This step will help hold and buy some time, and I would say that both contractors would be in the \$30,000.00 range to complete this job.

Step 2 . This is where Pilings Plus would drill 29 manta rays approximately every 5 foot along the sea wall on an angle down to further reinforce the sea wall. I've enclosed a youtube video link, so you can understand what a manta ray is and does.

Step 3. Drill 18 weep holes approximately every 8 foot along the sea wall with well points to allow water to drain out but not the soil.

As the tide rises the water from the lake actually flows behind the sea wall and the water in the ground will rise with the tides. When the tide goes out the water is trapped behind the sea wall causing hydrostatic pressure trying to get out. The weep holes allow it to go out reducing hydrostatic pressure.

Conclusion: Labontes bid or just installing the new sheet piling and concrete is a one step approach for repair. Pilings Plus has a multi or 3 step approach for repair that addresses 3 separate issues, and of course is more costly but likely a more permanent repair.

I hope this helps

Thanks,

Brian

<https://youtu.be/Rtq-YFgUQ60>

**From:** David Newmark <[REDACTED]>  
**Date:** February 23, 2016 at 9:57:35 AM EST  
**To:** "[arrandaleb@bellsouth.net](mailto:arrandaleb@bellsouth.net)" <[arrandaleb@bellsouth.net](mailto:arrandaleb@bellsouth.net)>  
**Subject:** El Brillo sea wall repair  
**Reply-To:** David Newmark <[REDACTED]>

Attached is our proposal to repair the seawall at El Brillo. Much of this work have to be done under the existing dock. If you have any questions, do not hesitate to call.

**Eric Newmark, David Newmark**  
Pilings Plus, Inc.  
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