



SUNSHINE COAST REGIONAL DISTRICT

Question and Answers #5

Request for Proposal No. 2337006

Dam Safety Improvement and Upgrades to Chapman, Edwards and McNeil Lakes

Date: July 11, 2023

Item No.1

Question: Is it possible for Regional District to provide the required length of the boom anchors? Both rock and soil anchors. We are unable to locate this information within the provided package.

Answer:

PROPOSED DEBRIS BOOM MECHANICAL ANCHOR TYPE:

For Chapman:

- FOR ROCK: USE 3/4" R1J SPIN-LOCK WILLIAMS ANCHOR OR EQUIV.
- FOR SOIL: USE MANTA RAY SOIL ANCHOR WILLIAMS MR-1 OR EQUIV. ANCHORS SHALL HAVE MIN. DESIGN CAPACITY OF 22 kN

For Edwards:

- USE 1/2" R1J SPIN-LOCK WILLIAMS ANCHOR OR EQUIV. ANCHORS SHALL HAVE MIN. DESIGN CAPACITY OF 14 kN".

Contractor has to follow anchor manufacture's recommendation for installation and then test the anchors to ensure they meet or exceed the specified minimum design capacity.

Per Williams Anchor Data, the R1J spin-lock rock anchor which has a certain length (per manufacturer) and needs to be fully embedded with specified torque applied for proper interlocking.

MR1-Manta ray anchor need to have a minimum 4' soil overburden.