



BOARD OF COUNTY COMMISSIONERS

Mayor Heather Carruthers, District 3
Mayor Pro Tem George Neugent, District 2
Danny L. Kolhage, District 1
David Rice, District 4
Sylvia J. Murphy, District 5

County Commission Meeting
June 15, 2016
Agenda Item Number: S.5
Agenda Item Summary #1770

BULK ITEM: Yes

DEPARTMENT: Sustainability

TIME APPROXIMATE:
Not applicable

STAFF CONTACT: Rhonda Haag (305) 453-8774

AGENDA ITEM WORDING: Approval to advertise a Request for Proposals for installing a new air curtain system at the mouth of Canal #290 located on Avenue I on Big Pine Key and demolishing portions of an ineffective weed barrier in place, estimated at \$135,000; and providing a 2-year period of operations and maintenance, estimated at \$50,000.

ITEM BACKGROUND: Canal #290 was part of the original demonstration program, receiving a \$797,284 muck removal restoration. The project was not originally planned to receive a new air curtain system, as the homeowners weed gate was planned to be reinstalled for use. However, it is not working effectively at keeping the seaweed out. The residents do not have a formal homeowners association and are having difficulties keeping their mechanical weed gate operational and collecting funds for the repair and maintenance. Therefore, it is recommended that the County purchase and install an air curtain system, with a 2-year maintenance agreement, to protect the County's investment in the canal. Staff will pursue setting up a funding system for the homeowners to fund the O&M after the 2 year period.

Funds are not budgeted for this project. However, funds are anticipated to be received from the State from the Stewardship bill this year. If received, the funds will be applied towards this project. In addition, staff will be applying to FDEP for a grant up to \$100,000 to help fund the project construction / installation cost. If State funds of any type are not received, the project will not proceed unless the BOCC specifically authorizes approval of unbudgeted funds for this project after the proposals have been received and the DEP grant award(s) have been announced.

PREVIOUS RELEVANT BOCC ACTION:

- 11-18-14: Approval to issue an RFP for the removal of organic muck material from Canal #266 and #290.
- 02-18-15: Approval to enter into negotiations with JND Thomas, Inc.
- 04-15-15: Approval to enter into a contract with the lowest responsive and responsive proposer JND Thomas Company, Inc. For removing organic muck material from Canal #266

located in Doctor’s Arm Big Pine Key, and Canal #290 located between Avenues I and Avenue J in Big Pine Key.

CONTRACT/AGREEMENT CHANGES:

Not applicable

STAFF RECOMMENDATION: Approval

DOCUMENTATION:

Map of Canal 290 - Air Curtain

FINANCIAL IMPACT:

Effective Date: To be determined
Expiration Date:

Total Dollar Value of Contract: \$185,000
Total Cost to County: To be determined, up to \$185,000
Current Year Portion: \$135,000 estimated
Budgeted: No
Source of Funds: To be determined: Infrastructure Funds, DEP grant funds, or Keys Stewardship funds.
CPI: No.
Indirect Costs:
Estimated Ongoing Costs Not Included in above dollar amounts: \$25,000/year O&M

Revenue Producing: No **If yes, amount:**
Grant: No.
County Match:
Insurance Required: Yes. Using the same insurance requirements from the previous air curtain installation contract for canals 266 and 287.

Additional Details: Funds not budgeted.

06/15/16 304-23000 · PHYSICAL ENVIRONMENT \$185,000.00
Grant Funding expected

REVIEWED BY:

Rhonda Haag	Completed	06/07/2016 12:07 PM
Pedro Mercado	Completed	06/07/2016 1:46 PM
Budget and Finance	Completed	06/07/2016 4:01 PM
Maria Slavik	Completed	06/08/2016 7:13 AM
Kathy Peters	Pending	
Board of County Commissioners	Pending	06/15/2016 9:00 AM

Canal 290 - Air Curtain

Legend
📍 Canal 290 - Air Curtain

