



City of Cocoa

65 Stone Street
Cocoa, FL 32922

Legislation Text

File #: 21-127, Version: 1

CITY COUNCIL AGENDA ITEM

Memo Date: February 2, 2021

Agenda Date: February 23, 2021

Prepared By: Abigail Morgan, P.E., Assistant City Engineer

Through: Bryant Smith III, P.E., CFM, Public Works Director/City Engineer

Requested Action:

Award Bid #B-21-11-COC, Floating Wetlands Water Quality Project, to Beemats, LLC, in the amount of \$114,700; Award Multi-year Service Level Agreement #21-11-COC, Floating Wetlands Water Quality Project, to Beemats, LLC; Approve a Budget Resolution Transferring Budget, BAF #21-051-T to fund Project SW-20-FW Floating Wetlands; Grant City Manager authority to approve option year approvals.

BACKGROUND:

The City of Cocoa's Purchasing Department, on behalf of the Public Works Stormwater Division, solicited procurement of services to be provided from qualified firms for the installation of floating treatment wetlands (FTW) at the North and South Lakemont Stormwater Ponds.

FTWs are a useful tool used to increase water quality of ponds and lakes. FTWs absorb excess nutrients in the water which is one of the main contributors to aquatic weed growth in ponds.

Installation of FTWs at the North and South Lakemont Ponds should help to decrease the introduction of Total Nitrogen and Phosphorus to the Indian River Lagoon. Adding FTWs to a pond can also increase the biodiversity by providing additional wildlife refuge.

The sole bid received for this solicitation was from Beemats, LLC, with a proposed one-time fabrication / installation of wetlands, triannual maintenance, and annual lab analysis. The term of said agreement shall be for a period of five (5) years with two (2) option year renewals. The initial year includes the fabrication / installation of two FTW's for North and South Lakemont Ponds, with years two - five consisting of triannual maintenance and annual lab analysis only.

Staff will be submitting an application to Save Our Indian River Lagoon for grant funding related to this project in October 2021.

STRATEGIC PLAN CONNECTION:

This project is part of the Public Works 10-Year Stormwater Work Plan Water Quality Project WQ-15 - Add Floating Wetlands to Existing Stormwater Ponds.

BUDGETARY IMPACT:

Budgeted Yes
If not budgeted, is amendment/transfer attached? There was insufficient funding in the FY 21 Budget.

Floating Wetlands Project

Year 1

Amount Requested \$45,904
Account Number 423-3570-538-63-00 SW20FW
Account Name Infrastructure

BAF #21-051-T

Amount Requested (\$7,646)
Account Number 423-3570-538-39-00
Account Name Contingency

Amount Budgeted:

Amount Requested \$7,646
Account Number 423-3570-538-63-00 SW20FW
Account Name Infrastructure

For a Total Budget of \$53,550 SW20FW

Year 2

Amount Requested \$15,300
Account Number 423-3570-538-31-00 SW20FW
Account Name Professional Services

Year 3

Amount Requested \$15,300
Account Number 423-3570-538-31-00 SW20FW
Account Name Professional Services

Year 4

Amount Requested \$15,300
Account Number 423-3570-538-31-00 SW20FW
Account Name Professional Services

Year 5

Amount Requested \$15,300
Account Number 423-3570-538-31-00 SW20FW
Account Name Professional Services

Year 6 (Optional)

Amount Requested \$15,300
Account Number 423-3570-538-31-00 SW20FW

Account Name	Professional Services
Year 7 (Optional)	
Amount Requested	\$15,300
Account Number	423-3570-538-31-00 SW20FW
Account Name	Professional Services

PREVIOUS ACTION:

None

RECOMMENDED MOTION:

Award Bid #B-21-11-COC, Floating Wetlands Water Quality Project, to Beemats, LLC, in the amount of \$114,700; Award Multi-year Service Level Agreement #21-11-COC, Floating Wetlands Water Quality Project, to Beemats, LLC; Approve a Budget Resolution Transferring Budget, BAF #21-051-T to fund Project SW-20-FW Floating Wetlands; Grant City Manager authority to approve option year approvals.