

**Clean Water Commerce Act of 2017
FY 2019 Proposals**

The Maryland Clean Water Commerce Act of 2017 (Act) authorizes MDE to use the Bay Restoration Fund to purchase nitrogen, phosphorus, and sediment reductions if they are determined to be cost effective.

In April 2018, MDE adopted regulations, as required by the Act, to implement the program. Shortly after the adoption of the regulations solicitation for proposals was forwarded to all known potential sellers. Proposals/applications were due at MDE on August 3, 2018.

Two proposals were received. The following summarizes the two proposals:

I. Tributaries to Winters Run Stream Restoration by HGS, LLC (a RES company):

HGS proposed the full delivery of 6,236 linear feet of stream restoration located on the Winters Run Golf Course in Harford County.

The following were the proposed prices and budget:

Reduction Type	Units/Year		Delivery Factor	Unit/Year Delivered	Price per Unit/Year	Total Price/Year
Nitrogen	1,626.00	Lbs/yr	0.43	699.18	\$ 105.12	\$ 73,497.80
Phosphorus	749.00	Lbs/yr	0.68	509.32	\$ 144.34	\$ 73,515.25
Sediment	129.00	Tons/yr	1.03	132.87	\$ 552.80	\$ 73,450.54

Total Annual Price	\$ 220,463.59
Practice Useful Life (years)	20
Total Over 20 Years	\$ 4,409,271.73

II. Continuous Monitoring and Adaptive Control by OptiRTC, Inc:

OptiRTC proposed Continuous Monitoring and Adaptive Control (CMAC) services for existing BMPs at various locations.

The following were the proposed prices and budget:

Reduction Type	Units/Year		Delivery Factor	Unit/Year Delivered	Price per Unit/Year	Total Price/Year
Nitrogen	565.00	Lbs/yr	0.86	485.90	\$ 265.00	\$ 128,763.50
Phosphorus	85.00	Lbs/yr	0.74	62.90	\$ 1,535.00	\$ 96,551.50
Sediment	26.00	Tons/yr	1.30	33.80	\$ 1,995.00	\$ 67,431.00
Total Annual Price					\$	292,746.00
Practice Useful Life (years)						20
Total Over 20 Years					\$	5,854,920.00

Based on the above prices and the other factors specified in the regulations (sustainability and value added benefits), HGS's proposal was selected as the most cost-effective proposal for all three reductions.