

**To: Warden and Members of County Council**

**From: Director of Public Works**

## **Contract Award - Compost Pad and Drainage System Expansion**

### **RECOMMENDATIONS**

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- 1. That County Council award a contract to the low bidder, PV-EX Construction Ltd., in the amount of \$1,243,653 (excluding HST) for the expansion of the compost pad and drainage system located at the Oxford County Waste Management Facility;**
- 2. And further, that County Council authorize the Chief Administrative Officer and Director of Public Works to execute all documents related hereto.**

### **REPORT HIGHLIGHTS**

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- The purpose of this report is to obtain County Council approval to award construction of the Compost Pad and Drainage System to PV-EX Construction Limited, in accordance with the County Purchasing Policy.
- The proposed capital improvement will provide an additional 1.2 hectare expansion of the existing compost processing area to accommodate increased material volumes, provide a safer work environment for staff and haulers, and provide additional storage for finished compost before it is transported to end-markets.
- A total of 10 bid submissions were received in response to tender documents that were posted on the County's electronic bidding system. The lowest compliant bid is within the approved funding amount in the 2023 Capital budget and aligns closely with the Engineer's estimate.

### **Implementation Points**

Upon Council approval, a contract will be executed with the low bidder, PV-EX Construction Ltd., prior to proceeding with the work.

Construction is scheduled to start in July 2023 and be completed by October 2023. An amended Environmental Compliance Approval (ECA) from the Ministry of Environment, Conservation and Parks (MECP) will be prepared for the associated expansion of the existing storm water management pond when complete.

Access to the Biosolids Centralized Storage Facility (BCSF), recycling transfer station and compost processing area will be maintained throughout construction with minimal disruption to daily operations.

### Financial Impact

Total project costs will be funded from the approved 2023 Business Plan and Budget as summarized in Table 1.

Table 1: Funding Summary for Compost Pad and Drainage System Expansion Project

2023 Budget Summary Account / Description	Available 2023 Budget	Bid Amount (excluding HST)
<b>911800 - Compost Pad Expansion</b>	\$1,650,000	\$1,243,653
<b>Estimated Contract Administration; Inspection &amp; Materials Testing</b>		<b>75,000</b>
<b>Construction Contingency Allowance</b>		<b>200,000</b>
<b>Non-Refundable HST (1.76%)</b>		<b>21,888</b>
<b>TOTAL ESTIMATED CONSTRUCTION EXPENDITURES</b>		<b>\$1,540,541</b>







### Communications

The communication strategy for this construction project will be similar to other County projects. The Contractor’s project manager and the County’s project manager will form an open channel of communication and will include other members of the project team as needed. These communications will commence upon approval of this report and will continue for the duration of the project.

Construction signage at the project location will be posted in advance to alert other users of the site (internal/external service providers, haulers) of the upcoming work. Since this work will take place in a restricted area there will be no impact to the general public.

Staff will work with affected stakeholders during the execution of this project, as required, to coordinate site construction activities with daily operational requirements to ensure minimal disruption to service delivery.

**Strategic Plan (2020-2022)**

					
<b>WORKS WELL TOGETHER</b>	<b>WELL CONNECTED</b>	<b>SHAPES THE FUTURE</b>	<b>INFORMS &amp; ENGAGES</b>	<b>PERFORMS &amp; DELIVERS</b>	<b>POSITIVE IMPACT</b>
				5.i. 5.ii.	

**DISCUSSION**

**Background**

The leaf and yard compost facility was originally opened in 2007 in accordance with the Ontario Environmental Protection Act (EPA) and associated regulatory requirements for municipalities to operate and maintain a leaf and yard waste system, including the production of compost for re-use as soil amendment. In addition to composting, the property is also utilized for centralized storage/transfer of municipal biosolids and temporary storage of residential blue box material.

The leaf and yard compost facility expansion is scheduled for construction as part of the approved 2023 Business Plan and Budget to provide additional processing capacity of material received from the County’s 11 funded municipal drop off depots as well as provide a safer work environment for staff and contractors. Leaf and yard waste material is grinded, screened and stockpiled in windrows where it undergoes biological decomposition to produce compost material that is marketed for beneficial re-use in commercial gardening and landscaping products.

Detailed design for the compost pad and drainage system expansion was completed in 2022 by an external Consultant and includes an approximate 1.2 hectare expansion of the compost processing area and associated expansion of the surface drainage and collection system. Specifically, the planned scope of the project will:

- Create an operational work area that can accommodate increased volume of material as well as provide a safer work environment for staff and haulers;
- Provide a contingency area to store finished compost that requires more curing time to meet regulatory requirements; and,
- Expansion of the stormwater management system to accommodate stormwater output from the compost and biosolids facilities’ operations.

The compost facility and biosolids/blue box transfer station currently operate under an ECA issued by the MECP. Onsite management of surface water runoff is operated under a separate ECA as required for municipal sewage works. An application to amend the existing ECA for municipal sewage works was submitted to the MECP in September 2022. An ECA amendment is required for the proposed works to enlarge the existing storm water management system to accommodate increased drainage from the expanded leaf and yard compost area. The ECA application is currently under MECP review and is expected to be received prior to the start of construction in July 2023.

## Comments

Tender documents for Contractor procurement were posted on the County's electronic bidding system for a three week tender period. In response, a total of 10 bid submissions were received as summarized in Table 2.

Table 2: Summary of Bid Submissions

Bidder	Bid Amount (HST Excluded)
<b>PV-EX Construction Ltd.</b>	<b>\$1,243,653</b>
J-AAR Excavating Limited	\$1,285,149
Birnam Excavating Ltd.	\$1,337,860
598424 Ontario Ltd. o/a R. Russell Construction	\$1,345,790
Kieswetter Excavating Inc.	\$1,449,490
Melrose Paving Co. Ltd.	\$1,594,375
Capital Paving Inc.	\$1,756,000
Xterra Construction Inc.	\$1,863,418
Ron Van Manen Trucking Inc.	\$1,998,363
Lancoa Contracting Inc.	\$2,075,426

The lowest compliant bid was received from PV-EX Construction Ltd. for a total tender price (excluding HST) of \$1,243,653, and is within approximately 90% of the Engineer's estimate of \$1,400,000.

## **Conclusion**

Review of the competitive bid submissions confirms that it is appropriate to award the proposed construction work at the Oxford County Compost Facility to the lowest compliant bidder, PV-EX Construction Limited.

## **SIGNATURES**

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### **Report Author:**

Original signed by

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Pamela Antonio, BES, MPA  
Supervisor of Waste Management

### **Departmental Approval:**

Original signed by

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David Simpson, P.Eng., PMP  
Director of Public Works

### **Approved for submission:**

Original signed by

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Benjamin R. Addley  
Interim Chief Administrative Officer