
Division 1

Form of Tender

ESSEX-WINDSOR SOLID WASTE AUTHORITY

TENDER FOR CONTRACT NO. _____ 8 _____

TENDER CLOSING DATE _____ April 20, 2018 at 12:00 noon _____ (Local Time)

TENDER FOR _____ Essex-Windsor Regional Landfill, Cell 3 South Construction _____

Tender submitted by _____

residing at (or place of business) ¹ _____

and _____

residing at (or place of business) _____

comprising the firm of _____

a company duly incorporated under the laws of _____

and having its head office at _____

hereinafter called "the Tenderer".

Tenders shall be submitted in duplicate to:

Essex-Windsor Solid Waste Authority
360 Fairview Avenue
Suite 211
Essex ON N8M 3G4
Attention: Tom Marentette, P.Eng., Waste Disposal Manager

¹NOTE: The Tenderer's name and residence must be inserted above and, in the case of a partnership, the name and residence of each member of the partnership must be inserted.

The Contractor hereby offers to complete the work specified in this Contract No. 8 for the Essex-Windsor Regional Landfill for the following Tender Prices (refer to drawings and Division 5 for details):

Item No.	Spec No.	Description	Unit	Est. Qty	Unit Price	Contractor's Total Bid
1.0	SP	Mobilization and Demobilization	LS	LS	\$	\$
2.0	310 333 SP	Full Depth Asphalt Removal (Pulverizing) - Cell 3 South Area	m ² (P)	24,406	\$	\$
3.0	510 SP	Litter Fence Removal	m	530	\$	\$
4.0	510 SP	Bird Pole Removal	ea	17	\$	\$
5.0	510 SP	Fuel Tank Removal	LS	LS	\$	\$
6.0	610 SP	Disconnect and Remove All Specified Electrical Components	LS	LS	\$	\$
7.0	206 510 SP	Earth/Waste Excavation (Grading) - Cell 3 South including Disposal of Excavated Materials	m ³ (P)	429,320	\$	\$
8.0	SP	Extra Cost, if any, Associated with Waste Excavation – Cell 3 South (Waste Covering, Odour and Litter Control)	LS	LS	\$	\$
9.0	206 SP	Base Excavation to Remove Unsuitable Material (sand) and Backfill with Clay Liner Material, including Water for Compaction – Cell 3 South	m ³	8,000	\$	\$
10.0	1860 SP	Geotextile Separator - Cell 3 South	m ² (P)	53,850	\$	\$
11.0	206 511 SP	Primary Drainage Gravel - Cell 3 South	m ³ (P)	19,960	\$	\$
12.0	206 SP	Connection to the Existing Landfill Base System Along East Limit of Cell 2 South	m (P)	228	\$	\$
13.0	206 SP	Connection to the Existing Landfill Base System Along South Limit of Cell 3 North	m (P)	58	\$	\$
14.0	410 SP	200 mm dia. HDPE PLCS Collector (Perforated) – Cell 3 South	m (P)	1,701	\$	\$
15.0	410 SP	200 mm dia. HDPE PLCS Collector (Solid Wall) – Cell 3 South	m (P)	346	\$	\$
16.0	409 SP	CCTV Inspection of Leachate Collection Piping, including Cleanup/Flushing - Cell 3 South	m	2,047	\$	\$
17.0	407 904 SP	Manhole 2400 mm dia. with All Specified Accessories	ea	2	\$	\$

Item No.	Spec No.	Description	Unit	Est. Qty	Unit Price	Contractor's Total Bid
18.0	412 SP	200 mm dia. Flange Assembly with Solid Plate	ea	6	\$	\$
19.0	412 SP	900 mm dia. Sump	ea	3	\$	\$
20.0	206 SP	Runoff Separation Berm - Cell 3 South	m (P)	666	\$	\$
21.0	615 SP	Bird Overwiring System:				
		a) With New Poles	ea	10	\$	\$
		b) With Reused Poles	ea	10	\$	\$
22.0	SP	Bird Overwiring System - Pole Hardware	ea	20	\$	\$
23.0	206 310 314 510 802 804 SP	Road Construction – Typical Road Section 1				
		a) Road A & C	m (P)	269	\$	\$
		b) Road D	m (P)	72	\$	\$
24.0	206 310 314 510 802 804 SP	Road B Construction – Typical Road Section 2	m (P)	242	\$	\$
25.0	206 314 510 802 804 SP	Road B Construction – Extra Cost Associated with Cleanup Area and Adjacent Ditch	LS	LS	\$	\$
26.0	206 SP	Extra Cost, if any, Associated with Clay Subgrade Fill (valley between excavation and waste slopes) for Road B Extension into Cell 4 North	LS	LS	\$	\$
27.0	206 314 1860 SP	Road B Extension into Cell 4 North – Typical Road Section 8	m	295	\$	\$
28.0	206 314 510 802 804 SP	Road Construction – Typical Road Section 3				
		a) Road C	m (P)	253	\$	\$
		b) Road D	m (P)	40	\$	\$

Item No.	Spec No.	Description	Unit	Est. Qty	Unit Price	Contractor's Total Bid
29.0	206 314 510 802 804 SP	Road D Construction – Typical Road Section 4	m (P)	245	\$	\$
30.0	206 314 510 802 804 SP	Road D Construction – Typical Road Section 5	m (P)	198	\$	\$
31.0	206 314 510 802 804 SP	Road D Construction – Typical Road Section 6	m (P)	85	\$	\$
32.0	206 314 510 802 804 SP	Access Road to Existing Compost Pad – Typical Road Section 7	m (P)	66	\$	\$
33.0	206 310 314 510 SP	Household Hazardous Waste Paved Pad including Entrance	LS	LS	\$	\$
34.0	206 314 SP	Personnel Gravel Parking Area Near Manhole MHL13	LS	LS	\$	\$
35.0	310 SP	Road Surface Repair Near Manhole MHL6 – Asphaltic Concrete 130 mm Thick	m ²	1,300	\$	\$
36.0	421 SP	Place CSP Culvert Including Rip Rap Treatment at Both Ends				
		a) 400 mm diameter	m	21	\$	\$
		b) 600 mm diameter	m	48	\$	\$
		c) 750 mm diameter	m	49	\$	\$
		d) 900 mm diameter	m	38	\$	\$
		e) 900 mm diameter (reused pipe)	m	13	\$	\$
37.0	510 772 SP	Chain Link Fence Replacement Including Gate Across Road D	LS	LS	\$	\$
38.0	206 SP	Compost Pad – Subgrade Preparation	LS	LS	\$	\$

Item No.	Spec No.	Description	Unit	Est. Qty	Unit Price	Contractor's Total Bid
39.0	314 SP	Compost Pad – Granular B	m ² (P)	33,844	\$	\$
40.0	314 SP	Compost Pad – Granular A	m ² (P)	33,844	\$	\$
41.0	310 SP	Compost Pad – Asphaltic Concrete 100 mm Thick	m ² (P)	33,050	\$	\$
42.0	206 802 804 SP	Drainage Ditch on North, East and South Side of Compost Pad	m (P)	670	\$	\$
43.0	511 SP	Ditch Surface Reinforcement – Drainage Gravel on Geotextile	m ² (P)	1,287	\$	\$
44.0	511 SP	Ditch Surface Reinforcement – Rip Rap on Geotextile	m ² (P)	90	\$	\$
45.0	615 SP	Install Litter Fence Along East and South Side of Cell 3 South				
		a) With New Poles	m	300	\$	\$
		b) With Reused Poles	m	153	\$	\$
46.0	206 802 804 SP	Drainage Ditch (Triangular Section) on East and South Sides of Cell 3 South	m (P)	263	\$	\$
47.0	206 310 314 802 804 SP	Drainage Ditch (Trapezoidal Section) on South Side of Cell 3 South Including Clay Fill Near Top of Side Slope of Cell 3 South	m (P)	244	\$	\$
48.0	206 310 314 421 SP	1020 x 790 CSPA Culvert Including Pavement Restoration Near South Limit of Cell 3 South (Road F)	LS	LS	\$	\$
49.0	206 SP	Extra Cost, if any, Associated with Clay Capping of Designated Landfill Area (Cells 1 & 2)	m ²	60,600	\$	\$
50.0	802 SP	Place 150 mm Topsoil Over Capped Landfill Area	m ²	60,600	\$	\$
51.0	804 SP	Fertilize and Seed Topsoiled, Capped Part of Landfill	m ²	60,600	\$	\$
52.0	802 SP	Place 100 mm Topsoil Over Excess Soil Stockpile	LS	LS	\$	\$
53.0	804 SP	Fertilize and Seed Excess Soil Stockpile	LS	LS	\$	\$

Item No.	Spec No.	Description	Unit	Est. Qty	Unit Price	Contractor's Total Bid
54.0	805 SP	Heavy Duty Silt Fence – OPSD 219.130	m	960	\$	\$
55.0	206 SP	Earth Excavation (Grading), East End of Clay Stockpile – Cell 5 North Area	LS	LS	\$	\$
56.0	106 603 604 609 614 SP	All Electrical Work as Required, for Equipment Block Heating Station at New Location Including Wiring, Ducts, Power Supply and Other Miscellaneous Tasks as Specified.	LS	LS	\$	\$
57.0	805 SP	Provisional Item: * Straw Bale Flow Check Dam (OPSD 219.180)	ea	2	\$	\$
58.0	805 SP	Provisional Item: * Rock Flow Check Dam (OPSD 219.210)	ea	2	\$	\$
59.0	SP	Provisional Item: * Contingency Allowance	LS	LS	\$150,000.00	\$150,000.00
60.0	SP	Provisional Item: * Labour and Equipment Contingency Allowance (refer to Page 13 of Form of Tender)	LS	LS	\$	\$
61.0	SP	Bonding, Insurance and Permits	LS	LS	\$	\$
		Subtotal	-	-	-	\$
62.0	SP	Harmonized Sales Tax (HST) Equal to Exactly 13.0% of the Above Subtotal	-	-	-	\$
TOTAL TENDER PRICE						\$

*Provisional Items: Expend only on written authorization of Engineer

Contract Time

All work under this contract must be completed to Substantial Performance in _____** days (100 working days maximum) from the date of the Engineer's written instructions to commence work, and this time will become the Contract Time.

** to be completed by the Tenderer

List of Tender Documents

- A. TENDER FORM (Division 1)**
- B. INFORMATION FOR TENDERERS (Division 2)**
As issued with the Tender
- C. STANDARD CONTRACT FORMS (Division 3)**
Samples issued with the Tender

D. GENERAL SPECIAL PROVISIONS (Division 4)

As issued with the Tender

E. ITEM SPECIAL PROVISIONS (Division 5)

As issued with the Tender

F. CONTRACT DRAWINGS

(a) As issued with the Tender and as listed below:

Drawing No.	Title	Date
111-53107-01-300	Title Sheet, Index and Key Plan	March 2018
111-53107-01-301	Existing Conditions (West Part) – September 2017	March 2018
111-53107-01-302	Existing Conditions (East Part) – September 2017	March 2018
111-53107-01-303	Landfill Closeout Plan	March 2018
111-53107-01-304	Removals/Material Handling Logistics Plan	March 2018
111-53107-01-305	Cell 3 South Bottom of Excavation	March 2018
111-53107-01-306	Cell 3 South Top of Drainage Gravel	March 2018
111-53107-01-307	Cell 3 South Sections and Details	March 2018
111-53107-01-308	Leachate Collection System Manhole Details	March 2018
111-53107-01-309	Litter Fence and Bird Overwiring System Details	March 2018
111-53107-01-310	Road 'A' and 'C' Plan and Profile	March 2018
111-53107-01-311	Road 'B' Plan and Profile	March 2018
111-53107-01-312	Road 'D' Plan and Profile STA 2+000 to 2+310.91	March 2018
111-53107-01-313	Road 'D' Plan and Profile STA 2+310.91 to 2+640.00	March 2018
111-53107-01-314	Typical Road Sections	March 2018
111-53107-01-315	Proposed Compost Pad	March 2018
111-53107-01-316	Electrical Details	March 2018

G. STANDARD SPECIFICATIONS

(a) **Ontario Provincial Standard Specifications**

The relevant standard specifications (latest edition) in the Ontario Provincial Standard Specifications Manual are as follows:

Standard No.	Date	Standard No.	Date	Standard No.	Date
106	Apr 2017	206	Nov 2013	310	Nov 2017
314	Nov 2016	407	Nov 2015	409	Nov 2017
410	Nov 2015	411	Nov 2015	412	Nov 2012
421	Nov 2015	510	Nov 2017	511	Nov 2013
603	Nov 2017	604	Nov 2017	609	Nov 2012
610	Apr 2017	614	Nov 2012	615	Nov 2017
772	Nov 2017	802	Nov 2010	804	Nov 2014
805	Nov 2015	904	Nov 2012	1001	Nov 2013
1004	Nov 2013	1010	Nov 2013	1860	Apr 2012

(b) **Ontario Provincial Standard Drawings**

Standard No.	Name	Date	Revision
219.130	Heavy-Duty Silt Fence Barrier	Nov 2015	2
219.180	Straw Bale Flow Check Dam	Nov 2015	2
219.210	Rock Flow Check Dam - V-Ditch	Nov 2015	2
406.010	Aluminum Ladder for Maintenance Holes	Nov 2013	2
701.013	Precast Concrete Maintenance Hole, 2400 mm Diameter	Nov 2014	5
701.100	Frost Strap Installation	Nov 2010	2
802.010	Flexible Pipe Embedment and Backfill Earth Excavation	Nov 2014	3
802.014	Flexible Pipe Embedment in Embankment, Original Ground: Earth or Rock	Nov 2014	3
810.010	Rip Rap Treatment for Sewer and Culvert Outlets	Nov 2007	1
972.102	Fence Chain Link Component Gate	Nov 2012	2
972.130	Fence Chain Link Installation Roadway	Nov 2012	2
2100.010	Cable Installation in Trenches	Nov 2013	0
2101.01	Duct Installation in Trenches	Nov 2013	1
2238.01	Wooden Pole in Earth	Nov 2010	1

H. LIQUIDATED DAMAGES (Division 6)

As issued with the Tender

I. SUPPLEMENTAL GENERAL CONDITIONS OF CONTRACT (Division 7)

As issued with the Tender

J. GENERAL CONDITIONS OF CONTRACT (Division 8)

OPSS General Conditions of Contract - November 2006

K. OPS DRAWINGS FOR CONTRACT (Division 9)

As issued with the Tender

L. OTHER DOCUMENTS (Division 10)

As issued with the Tender

LIST OF PROPOSED SUBCONTRACTORS*

Sub Trade	Name of Proposed Contractor	Address of Subcontractor
Earthwork Contractor		
Seeding Contractor		
HDPE Pipe Supplier		
Precast Structures Supplier		
CCTV/Pipe Cleaning Contractor		
Paving Contractor		
Geotextile Supplier		
Concrete Contractor		
Metal Fabrications Supplier		
Fencing Contractor		
Electrical Contractor		
HDPE Pipe Fusing Contractor		
Drainage Gravel Supplier		
Granulars Supplier		
Geotextile Installer		
Surveyor		

*To be completed by Tenderer. (Add sub-trades as appropriate, or indicate "By Own Forces").

TENDERER'S EXPERIENCE IN SIMILAR WORK*

Year Completed	Description of Work	For Whom Work Performed	Value

*To be completed by Tenderer

SCHEDULE OF ADDITIONAL UNIT PRICES (LABOUR & EQUIPMENT)*

All items must be priced; failure to do so may invalidate this Tender. Prices shall be fully inclusive of all costs in carrying out the work and shall include Harmonized Sales Tax where applicable.

The Tenderer shall list the hourly rates for labour and equipment owned or rented which he proposes to use on the work. These rates will apply to any extra work, which will be completed on a time and material basis, as outlined in Section 8.02.04 of the General Conditions. The equipment hourly rates listed herein will be used instead of the equipment rates outlined in Section 8.02.04.06 of the General Conditions for any part of the contract.

DESCRIPTION	HOURLY RATE	HOURS	SUBTOTAL (BID PRICE)
LABOUR			
1. General Labourer	\$	25	\$
2. Equipment Operator	\$	25	\$
3. Foreman	\$	25	\$
4. Supervisor	\$	25	\$
5. Project Manager	\$	25	\$
EQUIPMENT			
<i>Compaction Equipment</i>			
6. Pad Foot Soil Compactor Cat 815	\$	25	\$
7. Sheepsfoot or Smooth Drum Vibratory Compactor (86" wide)	\$	25	\$
8. Manually Guided Vibratory Plate (280 kg)	\$	25	\$
<i>Earth Moving/Grading Equipment</i>			
9. Bulldozer (Cat D3 or equivalent)	\$	25	\$
10. Bulldozer (Cat D6 or equivalent)	\$	25	\$
11. Bulldozer (Cat D8 or equivalent)	\$	25	\$
12. Road Grader (Cat 120 or equivalent)	\$	25	\$
<i>Excavation Equipment</i>			
13. Hydraulic Excavator (32,000 kg)	\$	50	\$
14. Hydraulic Excavator (44,000 kg)	\$	50	\$
15. Scraper, Twin Engine, Four Wheel Drive (16 m ³)	\$	50	\$

DESCRIPTION	HOURLY RATE	HOURS	SUBTOTAL (BID PRICE)
Haulage Equipment			
16. Water Truck	\$	25	\$
17. Float Truck	\$	25	\$
18. Articulated Off Road Truck (30 tonnes)	\$	25	\$
19. Articulated Off Road Truck (40 tonnes)	\$	25	\$
Other Equipment:			
20. Rubber Tire Front End Loader (3 m ³ bucket)	\$	25	\$
TOTAL Items 1 to 20			\$

*To be completed by Tenderer

The total amount is referred to in this Tender as the Labour & Equipment Contingency Allowance and shall constitute Item 60.0 of the Form of Tender. The Tenderer agrees that he is not entitled to payment of any portion of this Allowance except for additional work carried out by him in accordance with the contract as directed by the Engineer in writing and only to the extent of such additional work.

PERIOD OF VALIDITY OF TENDER

This offer shall be irrevocable for a period of sixty days (60 days) following the date of Tender Closing at the prices bid in the Tender Form.

DECLARATION BY TENDERER

The Tenderer has carefully examined the Tender Documents listed herewith and understands and accepts the conditions set out therein.

Included with this Tender is a properly completed Agreement to Bond and a Tender Deposit in the form of a Bid Bond, a certified cheque or other acceptable security made payable to the Owner in the amount as set out in the Tender Documents. This deposit is subject to the conditions set out in the Information for Tenderers.

The Tenderer acknowledges that Addendum/Addenda No. ____ to ____* inclusive has/have been received and that all changes specified in the Addendum/Addenda have been included in the prices submitted.

The Tenderer declares that no person, partnership or corporation other than the Tenderer has any interest in this tender or in the proposed contract for which this tender is made.

The Tenderer further declares that this tender is made without any connection, comparison of figures or arrangements with, or knowledge of, any other person, partnership or corporation making a tender for the same work and is in all respects made without collusion or fraud.

The Tenderer by this Tender offers to furnish all Labour, Equipment and Material, except as specified otherwise, for the performance of the Work for the item prices set forth in this Tender, all in accordance with the Tender Documents.

*** to be completed by Tenderer (enter nil if no addenda issued)**

DATED AT _____ THIS _____ DAY OF _____ 20__

Tenderer's Signature here and Seal, where applicable

Position

This is the 15th and last page of this Tender Form