

Alternate Bids for WMI and Prairieland

Type of Service	Number with Service	Cost per unit	Total Current Annual Cost	WMI, Alternate #2 Cost per unit	WMI, Alternate #2 Total Annual Cost	Prairieland, Original Cost per unit	Prairieland, Original Total Annual Cost
Unlimited trash, 95g, regular	2,066	\$ 21.12	\$ 523,607.04	\$ 24.73	\$ 613,106.16	\$ 24.81	\$ 615,089.52
Unlimited trash, 95g, senior	87	\$ 16.89	\$ 1,469.43	\$ 22.26	\$ 1,926.42	\$ 22.33	\$ 1,926.42
Limited trash, 95g, regular	54	\$ 19.92	\$ 1,075.68	\$ 23.28	\$ 1,257.12	\$ 22.33	\$ 1,205.82
Limited trash, 95g, senior	3	\$ 15.63	\$ 46.89	\$ 20.96	\$ 62.88	\$ 20.10	\$ 60.30
Limited trash, 65g, regular	164	\$ 18.80	\$ 3,083.20	\$ 21.83	\$ 3,580.12	\$ 22.33	\$ 3,662.04
Limited trash, 65g, senior	-	\$ 15.05	\$ -	\$ 19.65	\$ -	\$ 20.10	\$ -
Limited trash, 35gm, regular	69	\$ 17.68	\$ 1,219.92	\$ 20.38	\$ 1,406.22	\$ 22.33	\$ 1,540.77
Limited trash, 35g, senior	20	\$ 14.15	\$ 283.00	\$ 18.35	\$ 367.00	\$ 20.10	\$ 402.00
			\$ -		\$ -		\$ -
Back door service, waste	101	\$ 12.48	\$ 1,260.48	\$ 13.00	\$ 1,313.00	\$ 11.00	\$ 1,111.00
Back door service, recycling	101	\$ 12.48	\$ 1,260.48	\$ 13.00	\$ 1,313.00	\$ 11.00	\$ 1,111.00
			\$ -		\$ -		\$ -
Unlimited recycling	2,463	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			\$ -		\$ -		\$ -
Landscape waste, Subscription	285	\$ 98.94	\$ 28,285.90	\$ 120.00	\$ 34,200.00	\$ -	\$ -
Landscape waste, regular sticker	1,020	\$ 2.71	\$ 2,764.20	\$ 3.00	\$ 3,060.00	\$ -	\$ -
Landscape waste, leaf season	665	\$ 1.00	\$ 665.00	\$ 2.00	\$ 1,330.00	\$ -	\$ -
			\$ -		\$ -		\$ -
Total Annual Cost for Base Services			\$ 671,623.10		\$ 786,527.68		\$ 747,518.16
Private service, cost/cubic yard		\$ 18.62		\$ 30.00		\$ 25.00	
Change of service charge		\$ 25.00		\$ 35.00		\$ 25.00	
White goods charge		\$ 25.00		\$ 50.00		\$ 35.00	
Recycling cart tag charge	na			\$ 0.40		Included	
Additional cart lease charge		\$ 1.00		\$ 3.00		\$ 3.00	
Emergency services							
Hourly rate for worker				\$ 80.00		\$ 45.00	
Hourly rate for equipment				\$ 50.00		\$ 105.00	
Charge per cubic yard				\$ 17.00		\$ 25.00	

Note: Prairieland's alternate bid #1 did not include a rate for subscription landscape waste services, only stickers. Therefore assumed 10,000 stickers would be bought by the 285 homes currently with subscription service (285 homes x 35 weeks of service x 1 sticker per week) for a total cost of \$25,000. Prairieland bid #2 and #3 only changed the landscape waste pricing.

5 Year Cost Projections for WMI (#2) and Prairieland (Original)

Hauler	Year 1	Year 2	Year 3	Year 4	Year 5	Total	Notes
<i>Costs with Landscape Waste:</i>							
WMI, Original, 2.5% CPI	\$ 852,805	\$ 874,125	\$ 895,978	\$ 918,378	\$ 941,337	\$ 4,482,623	Does not include cost for cart tagging, add \$11,822 to annual cost
WMI, Alternate #1, 4.5% fixed CPI	\$ 793,656	\$ 829,371	\$ 866,692	\$ 905,693	\$ 946,450	\$ 4,341,862	Does not include cost for cart tagging, add \$11,822 to annual cost
WMI, Alternate #2, 3.75% fixed CPI	\$ 786,528	\$ 816,023	\$ 846,624	\$ 878,372	\$ 911,311	\$ 4,238,857	Does not include cost for cart tagging, add \$11,822 to annual cost
Prairieland, Original, 2.5% CPI	\$ 747,518	\$ 766,206	\$ 785,361	\$ 804,995	\$ 825,120	\$ 3,929,200	All landscape waste included, no extra charge
\$ Difference	\$ 39,010	\$ 49,817	\$ 61,263	\$ 73,377	\$ 86,191	\$ 309,657	
Prairieland, Alternate #1, 2.5% CPI	\$ 741,751	\$ 760,295	\$ 779,302	\$ 798,785	\$ 818,754	\$ 3,898,887	All landscape waste must be stickered, no subscription option
Prairieland, Alternate #2, 2.5% CPI	\$ 761,633	\$ 780,674	\$ 800,191	\$ 820,195	\$ 840,700	\$ 4,003,393	Subscription and sticker options, must use cart, assumes two 95 g carts
Prairieland, Alternate #3, 2.5% CPI	\$ 785,573	\$ 805,212	\$ 825,343	\$ 845,976	\$ 867,126	\$ 4,129,230	Subscription and sticker options, must use cart, allows for one or two 95g carts
<i>Costs without Landscape Waste:</i>							
WMI, Original, 2.5% CPI	\$ 814,215	\$ 834,570	\$ 855,435	\$ 876,821	\$ 898,741	\$ 4,279,782	
WMI, Alternate #1, 4.5% fixed CPI	\$ 755,056	\$ 789,034	\$ 824,540	\$ 861,644	\$ 900,418	\$ 4,130,692	
WMI, Alternate #2, 3.75% fixed CPI	\$ 747,938	\$ 775,986	\$ 805,085	\$ 835,276	\$ 866,599	\$ 4,030,883	
Prairieland, Original, 2.5% CPI	\$ 747,518	\$ 766,206	\$ 785,361	\$ 804,995	\$ 825,120	\$ 3,929,200	
Prairieland, Alternate #1, 2.5% CPI	\$ 712,539	\$ 730,352	\$ 748,611	\$ 767,327	\$ 786,510	\$ 3,745,339	
Prairieland, Alternate #2 and #3, 2.5% CPI	\$ 712,539	\$ 730,352	\$ 748,611	\$ 767,327	\$ 786,510	\$ 3,745,339	

- Prairieland included the cost for the recycling cart tagging program in its refuse and recycling rate. WMI broke this cost out separately as instructed by the RFP. There is no guarantee the Village will have a cart tagging program as the RFP stipulated it would only be required if a sort of the Village's recyclables indicated more than a 15% contamination rate.
- The CPI for Prairieland was assumed to be 2.5%, but can actually range from 2% to 4% per the RFP. WMI's alternate proposals #1 and #2 assumed a fixed CPI as indicated above.

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Unlimited trash, 95g, senior	87	\$ 16.89	\$ 17,633.16	\$ 22.26	\$ 23,239.44	\$ 20.98	\$ 21,903.12
Limited trash, 95g, regular	54	\$ 19.92	\$ 12,908.16	\$ 23.28	\$ 15,085.44	\$ 23.31	\$ 15,104.88
Limited trash, 95g, senior	3	\$ 15.63	\$ 562.68	\$ 20.96	\$ 754.56	\$ 20.98	\$ 755.28
Limited trash, 65g, regular	164	\$ 18.80	\$ 36,998.40	\$ 21.83	\$ 42,961.44	\$ 23.31	\$ 45,874.08
Limited trash, 65g, senior	-	\$ 15.05	\$ -	\$ 19.65	\$ -	\$ 20.98	\$ -
Limited trash, 35gm, regular	69	\$ 17.68	\$ 14,639.04	\$ 20.38	\$ 16,874.64	\$ 23.31	\$ 19,300.68
Limited trash, 35g, senior	20	\$ 14.15	\$ 3,396.00	\$ 18.35	\$ 4,404.00	\$ 20.98	\$ 5,035.20
			\$ -		\$ -		\$ -
Back door service, waste	101	\$ 12.48	\$ 15,125.76	\$ 13.00	\$ 15,756.00	\$ 11.00	\$ 13,332.00
Back door service, recycling	101	\$ 12.48	\$ 15,125.76	\$ 13.00	\$ 15,756.00	\$ 11.00	\$ 13,332.00
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Landscape waste, regular sticker	1,020	\$ 2.71	\$ 2,764.20	\$ 3.00	\$ 3,060.00	\$ 2.75	\$ 2,805.00
Landscape waste, leaf season	665	\$ 1.00	\$ 665.00	\$ 2.00	\$ 1,330.00	\$ 2.75	\$ 1,828.75
Total Annual Cost for Base Services			\$ 671,623.10		\$ 786,527.68		\$ 785,572.51
Private service, cost/cubic yard		\$ 18.62		\$ 30.00			
Change of service charge		\$ 25.00		\$ 35.00			
White goods charge		\$ 25.00		\$ 50.00			
Recycling cart tag charge	na			\$ 0.40			
Additional cart lease charge		\$ 1.00		\$ 3.00			
Emergency services							
Hourly rate for worker				\$ 80.00			
Hourly rate for equipment				\$ 50.00			
Charge per cubic yard				\$ 17.00			

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Note: Prairieland's alternate bid #1 did not include a rate for subscription landscape waste services, only stickers. Therefore assumed 10,000 stickers would be bought by the 285 homes currently with subscription service (285 homes x 35 weeks of service x 1 sticker per week) for a total cost of \$25,000. Prairieland bid #2 and #3 only changed the landscape waste pricing.

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\$ Difference	\$ 955	\$ 10,810	\$ 21,281	\$ 32,396	\$ 44,185	\$ 109,628	

Costs without Landscape Waste:

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Monthly Rates from Comparable Municipalities and Nearby Municipalities, 95 gallon Refuse Cart Assumed

<u>Municipality</u>	<u>Limited Service</u>	<u>Unlimited Service</u>	<u>Backdoor</u>	<u>Notes</u>
Comparables:				
Bannockburn	\$ 21.00	\$ 27.00		\$12, Limited Trash only for backdoor \$10, Unlimited Trash only for backdoor
Riverwoods	\$ 22.74	\$ 31.00		\$10, Limited Trash only for backdoor \$14, Unlimited Trash only for backdoor
Green Oaks	\$ 20.76	\$ 23.41		Not offered Green Oaks does have fall leaf collection, valued at approx. \$1 per HH/Month
Nearby:				
Kildeer	\$ 19.25	\$ 22.75		Not offered
North Barrington	\$ 17.20	\$ 18.26	\$ 23.00	Trash and Recycling at backdoor
Hawthorn Woods	\$ 19.58	Not offered	\$ 25.53	Trash and Recycling at backdoor
Long Grove Bids:				
Prairieland, Original	Not offered	\$ 24.81		\$22, less than 200 ft. Trash and Recycling at backdoor; landscape waste included \$52, more than 200 ft
Prairieland, Alternate	Not offered	\$ 23.31		\$22, less than 200 ft. Trash and Recycling at backdoor; landscape waste not included \$52, more than 200 ft
WMI, Original	\$ 25.46	\$ 26.99	\$ 26.00	Trash and Recycling at backdoor
WMI, Alternate	\$ 23.54	\$ 24.95	\$ 26.00	Trash and Recycling at backdoor, CPI changes from range of 2 to 4% to fixed 4.5%
Current Rates	\$ 19.92	\$ 21.12	\$ 24.96	Trash and Recycling at backdoor