



WEST HANTS REGIONAL MUNICIPALITY REPORT

Information ☐	Recommendation ☒	Decision Request ☐	Councillor Activity ☐
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To: West Hants Regional Municipality Committee of the Whole

Submitted by: 
Todd Richard, Director, Public Works

Date: June 11, 2024

Subject: Standing offer for Supply of Treatment Chemicals

LEGISLATIVE AUTHORITY

Nova Scotia Municipal Government Act, Section 65 authorizes Council to expend funds for municipal purposes.

RECOMMENDATION or DECISION REQUEST

It is recommended for Committee of the Whole to recommend to Council that:

Council approve the award of tender WHRMPW24-05 Supply of Treatment Chemicals to the following:

- ***Brenntag for the majority of chemicals (See table in Appendix A)***
- ***Univar for Citric Acid***
- ***Northland Chemicals for Solve 210B Polymer***
- ***Chemtrade for Aluminum Sulphate***

BACKGROUND

Property ☐	Public Opinion ☐	Environment ☐	Social ☐	Economic ☒	Councillor Activity ☐
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Public Works had an open competition for a Standing Offer for pricing on the supply of treatment chemicals for the water and wastewater treatment facilities within West Hants

Regional Municipality. Bidders were evaluated based on pricing to supply specified products listed in Bid documents. The contract shall extend from June 1, 2024 to March 31, 2026. This agreement also has an option to extend for an additional twelve (12) months, with agreed incremental pricing in accordance with provincially published cost of living (CPI) increases.

DISCUSSION

On May 6, 2024 staff issued a Request for Quotation (RFQ), closing on May 23, 2024. The call for proposals resulted in pricing from four different firms. Staff members reviewed all pricing based on the criteria outlined in the RFQ document. See results in attached spreadsheet. Note that due to minimum order stipulations by Univar, and limited storage space at the treatment plants, not all lower cost items could be considered.

Staff is making the following recommendations:

- Brenntag for the majority of chemicals. Approximate annual volume \$215,229.15
- Univar for Citric Acid. Approximate annual volume \$2,680.00
- Northland Chemicals for Solve 210B Polymer. Approximate annual volume \$14,349.00
- Chemtrade for Aluminum Sulphate. Approximate annual volume \$41,349.00

NEXT STEPS

Staff will formalize the standing offer agreement contracts for treatment chemical supply in accordance with the pricing.

FINANCIAL IMPLICATIONS

Tendering Timeline:

Posted to Procurement	May 6, 2024
Closing Date	May 23, 2024
Price Expiry Date	July 22, 2024
Days Remaining	42 Days

2024-25 Operating & Water Utility Budgets – Chemicals

<i>2024-25 WHRM Sewer Budget</i>	<i>\$25,000.00</i>
<i>2024-25 West Hants Water Budget</i>	<i>\$100,000.00</i>
<i>2024-25 Windsor Water Budget</i>	<i><u>\$150,000.00</u></i>
2024-25 Total Budget Value	\$275,000.00

The cost of treatment chemicals is within the 2024-25 Operating and Water Utility Budgets, highlighted above. The standing offers will provide set pricing to work within the budgeted figures. Noting that the above estimates are based on approximate annual volumes and may vary.

ALTERNATIVES

1. Council may choose to recommend alternative consultants for consideration.

ATTACHMENTS

Appendix A

CHIEF ADMINISTRATIVE OFFICER REVIEW

Review and comments from the CAO pending.

Report Prepared by:



Erin Amirault, P.Eng., Project Engineer

Report Reviewed by:



Todd Richard, Director, Public Works

Report Reviewed by:

Carlee Rochon, Director, Financial Services

Report Approved by:

Mark Phillips, Chief Administrative Officer



Appendix A – Treatment Chemical Bid Summary

Chemical	Univar			Brenntag			Northland Chemicals			Chemtrade		
	Unit cost per Kg/L	Annual Usage per Kg/L	Annual Cost	Unit cost per Kg/L	Annual Usage per Kg/L	Annual Cost	Unit cost per Kg/L	Annual Usage per Kg/L	Annual Cost	Unit cost per Kg/L	Annual Usage per Kg/L	Annual Cost
Hydrated Lime	1.18	23000	27140	1.1	23000	25300						
Soda Ash 100	1.28	22500	28800	1.35	22500	30375	2.33	22500	52425			
Zinc Orthophosphate				12.45	3125	38906.25						
Sulphur Dioxide Gas				5.75	900	5175						
Chlorine Gas				5.85	6500	38025						
Sodium Hypo Drums	1.47	7585	11149.95	1.24	7585	9405.4						
Potassium Permanganate	14.3	170	2431	12.25	170	2082.5						
Polyaluminum Chloride	1.26	32000	40320	1.48	32000	47360						
Citric Acid	3.35	800	2680	6.75	800	5400						
Sodium Hydroxide	1.09	15000	16350	1.24	15000	18600						
Aluminum Sulphate										0.3759	110000	41349
Solve 210B Polymer							7.43	2000	14860			
Total Annual Purchase Cost (Est.)			\$2,680.00			\$215,229.15			\$14,860.00			\$41,349.00

*Value in Red are the selected Supplier *Due to minimum order stipulations by Univar, and limited storage, not all lowest cost could be considered



West Hants
something inspiring awaits