



Committee of the Whole Excerpts  
June 11, 2024

#### **WHRMPW24-05 SUPPLY OF TREATMENT CHEMICALS EXCERPT**

An open competition was used for a Standing Offer to obtain pricing on the supply of treatment chemicals for the water and wastewater treatment facilities within the region. Bidders were evaluated based on pricing to supply specified products listed within the 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.

The recommended motion was that Committee of the Whole recommend that ...

**COUNCIL APPROVE THE AWARD OF TENDER WHRMPW24-05 SUPPLY OF TREATMENT CHEMICALS TO THE FOLLOWING BRENN TAG FOR THE MAJORITY OF CHEMICALS (SEE TABLE IN APPENDIX A), UNIVAR FOR CITRIC ACID, NORTHLAND CHEMICALS FOR SOLVE 210B POLYMER AND CHEMTRADE FOR ALUMINUM SULPHATE.**



## WEST HANTS REGIONAL MUNICIPALITY REPORT

|                                      |                                                    |                                           |                                              |
|--------------------------------------|----------------------------------------------------|-------------------------------------------|----------------------------------------------|
| Information <input type="checkbox"/> | Recommendation <input checked="" type="checkbox"/> | Decision Request <input type="checkbox"/> | Councillor Activity <input type="checkbox"/> |
|--------------------------------------|----------------------------------------------------|-------------------------------------------|----------------------------------------------|

**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<br><input type="checkbox"/> | Public<br>Opinion<br><input type="checkbox"/> | Environment<br><input type="checkbox"/> | Social<br><input type="checkbox"/> | Economic<br><input checked="" type="checkbox"/> | Councillor<br>Activity<br><input type="checkbox"/> |
|--------------------------------------|-----------------------------------------------|-----------------------------------------|------------------------------------|-------------------------------------------------|----------------------------------------------------|

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              |                    |                       |                    |
| <b>Total Annual Purchase Cost (Est.)</b> |                    |                       | <b>\$2,680.00</b> |                    |                       | <b>\$215,229.15</b> |                     |                       | <b>\$14,860.00</b> |                    |                       | <b>\$41,349.00</b> |

\*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