

# CITY OF MERRITT

## AGENDA FOR THE SPECIAL COUNCIL MEETING OF THE CITY OF MERRITT COUNCIL, MONDAY, MARCH 6, 2000, AT 6:30 P.M., CITY HALL COUNCIL CHAMBERS, 2185 VOGHT STREET, MERRITT, B.C.

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4.	<u>REPORTS:</u>	
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AGENDA

# Memo

City of Merritt

For Special Council March 6, 2000

**To:** Joe Barry, Acting Administrator  
**From:** Dale McTaggart, City Engineer  
**Date:** March 1, 2000  
**Subject:** Equipment Exchange – Turbo-Mist Sprayer

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**Recommendation:**

That Council authorize purchase of one new Turbo-Mist (60 US gallon) 3 point hitch sprayer in exchange for the City's existing 10 year old Turbo-Mist Orchard Sprayer.

**Purpose:**

To authorize staff to dispose of surplus equipment in exchange for new equipment.

**Policy:**

The Purchasing Policy does not address disposal of existing equipment, nor exchange for equipment replacement.

**Background:**

The City purchased a Turbo Mist Orchard Sprayer in the spring of 1991 at a cost of \$10,000.00. The Turbo Mist Orchard Sprayer/Fogger was primarily used for mosquito fogging (adulticiding) approximately 35 days per year from 1991 to 1996, and was not very cost effective. The insecticide Malathion that was approved for use was a non-specific insecticide (organophosphate) chemical that contains sulfur that can form toxic by-products called oxons (not environmentally friendly). Malathion also attacks painted surfaces. The Parks Department has also used this Turbo Mist sprayer/fogger for weed control and for spraying large trees.

Fogging for adult mosquitoes is not a cost effective solution for controlling mosquitoes in the Nicola Valley. Larviciding using an environmentally friendly product that is specifically designed to kill only mosquito larvae is the best solution. As a result, the City tendered the mosquito control operation and D.G. Regan & Associates Ltd., was

awarded a three (3) year contract. They supply their own equipment and manpower to control mosquitoes within the Nicola Valley using Vecobac 200G (larvicide).

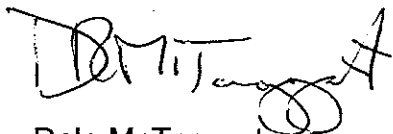
Based on the above, the existing Turbo Mist Sprayer has not been used for mosquito control and sparingly in the Parks Department. Since the existing Turbo-Mist Sprayer was designed for spraying orchards, it does not lend itself well for spraying shrubs and weed control required by the Parks Department. The new Turbo-Mist sprayer proposed by Bleasdale Ford Tractor Sales Ltd. is effective in spraying trees and is well suited for spraying shrubs and weed control when required.

We have contacted the supplier of the original equipment and they have offered to manufacture a smaller more versatile Turbo-Mist Sprayer at a cost of \$5495.00 plus taxes (see attached). They have also confirmed that they will take our existing unit on trade in exchange for the old unit. The original unit was purchased in 1991 for \$10,000 and based on a 20 year life expectancy, the existing unit would be valued at approximately \$5,500. By purchasing the new equipment it would also provide an additional life expectancy of 10 years.

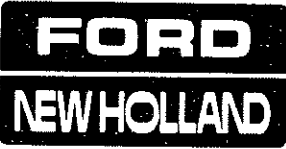
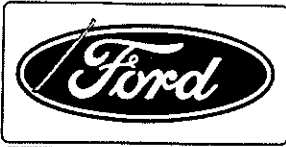
**Recommendation:**

Based on the estimated value of the existing Turbo Mist Orchard Sprayer, we recommend that Council authorize replacement of this existing unit with a Turbo Mist (60 US gallon) 3 point hitch sprayer.

Respectfully submitted,



Dale McTaggart  
City Engineer



# BLEASDALE FORD TRACTOR SALES LTD.

QUALITY, SALES & SERVICE

555 Okanagan Avenue East  
Penticton, B.C. V2A 3K4  
Telephone: (604) 493-0137  
Fax: (604) 493-9110

3837 Highway 97 North  
Kelowna, B.C. V1X 5C3  
Telephone: (604) 765-8266  
Fax: (604) 765-3179

City of Merritt

July 2, 1999

Attn: Doug Graham

We are pleased to quote on the following equipment for budget purposes.

1 New Turbo-Mist 60 gal US 3 point hitch sprayer

**TANK** Polished 14 Ga. Stainless Steel, type 304. Dual hydraulic agitation, Vortex cap tank intake system. Sight gauge in Liters and US gallons. All fittings are pulled onto the stainless steel for additional strength, tank heads have rolled edges for superior strength and durability.

**FRAME** 11/4 mild steel frame c/w saddle mount system to support the tank, when the unit is assembled this unique design gives uni-body style system.

**PUMP** Special high volume and high-pressure pump 19.5 US GPM @565 PSI All moving parts are immersed in oil. Stainless steel valves and seats. The pump comes complete with 3 gun outlets mounted on the regulation system. Pressure regulator diaphragm operated for accurate control with tungsten carbide relief valves and stainless steel seat. Liquid filled gauge in PSI.

**CONTROL** Fender mounted control system with 3 ball valve and pressure gauge, this allows individual control of each boom section complete with a main shut off.

**FIELD BOOM** 3 sections 12 nozzles to cover 14 feet that folds into a cross at the rear of the unit for ease of transportation. Dual direction breakaway. This is a wet boom style installation (which means that the nozzles are connected to each other with a piece of hose and separated 18")

**HOSE REEL** with a swivel, hand crank, 100 ft of 1/2 inch 600 PSI hose and a Tallman gun as used by Penticton and Delta.

The price of this unit custom made for you

\$5495

We will trade you even for the 10-year-old Turbo-Mist sprayer that you have now or we can put in on consignment for you.



# CITY OF MERRITT

2185 VOGHT STREET, P.O. BOX 189  
MERRITT, B.C. V1K1B8

PHONE: (250) 378-4224 / TOLL FREE: 1-888-446-3377 / FAX: (250) 378-2600  
EMAIL: info@city.merritt.bc.ca / WEBSITE: www.city.merritt.bc.ca

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## ADJOURNMENT TO IN-CAMERA MOTION

**March 6, 2000**

THAT Council deems it necessary to close this meeting to the public in order to deal with the following items In-Camera:

- A) Land Issue;
- B) Employee Negotiations;

AND THAT this meeting be adjourned for five minutes to resume in the Boardroom of City Hall.

  
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J.E. Barry,  
Acting Administrator



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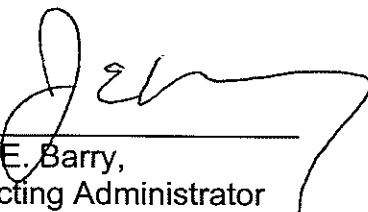
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