



Open Call for Bids:

**For Sale – 1 Kohler 750KW Generator**

**Item Location – Port of Argentia, NL**

**Date Issued:** May 27, 202  
**Closing Date/Time:** July 10, 2026, 1:00 pm.

## Description and Quote Form

The Town of placentia is seeking quotes from individuals/firms to purchase a town owned 750KW commercial/industrial generator

## Generator Specifications

### 1. Item Overview

**Item Name:** Kohler 5M4278BF Brushless Alternator (Generator End)

**Manufacturer:** Kohler Power Systems

**Series:** 5M Alternator Series

**Model / Variant:** 5M4278BF

**Type:** Brushless, synchronous AC alternator

**Application:** Industrial, commercial standby, and prime power generator sets

### 2. Description

The Kohler **5M4278BF** is a heavy-duty industrial alternator designed for high-power diesel generator applications. Built as part of Kohler's proven 5M Series, this alternator offers robust mechanical construction, Class H insulation, and brushless excitation for high reliability in continuous and standby operations. It is suitable for critical power infrastructures, including hospitals, data centers, utilities, and large industrial facilities.

### 3. Technical Specifications

#### Electrical Ratings

- **Frequency:** 50 Hz / 60 Hz
- **Phases:** 3-Phase
- **Power Factor:** 0.8
- **Rated Output (60 Hz):**
  - Standby: ~750 kW / 938 kVA
  - Prime: ~680 kW / 850 kVA

#### Voltage Configurations (Selectable)

##### **60 Hz:**

120/208, 127/220, 139/240, 220/380, 240/416, 277/480, 347/600 V

##### **50 Hz:**

110/190, 115/200, 120/208, 220/380, 230/400, 240/416 V

#### Electrical Construction

- **Excitation:** Brushless, rotating field
- **Insulation:** Class H
- **Temperature Rise:** 105°C / 125°C / 150°C (rating dependent)

#### 4. Mechanical & Construction Details

- **Cooling:** Air-cooled, engine-driven fan
- **Mounting:** SAE engine adapter (industrial diesel engines)
- **Bearings:** Heavy-duty spherical roller bearing
- **Rotor:** Dynamically balanced
- **Enclosure:** Open industrial alternator (final enclosure dependent on generator package)

#### 5. Compliance & Standards

- Designed for **NFPA 110** emergency and standby power systems
- **UL 2200 / CSA compliant** when installed within a certified Kohler generator set
- Factory prototype-tested and load-tested

#### 6. Scope of Supply

- Kohler 5M4278BF alternator (generator end)
- Terminal box and stator leads (as configured)
- Factory data plate and identification markings

#### 7. Typical Applications

- Utility and industrial power generation
- Hospital and healthcare emergency power systems
- Data centers and telecom infrastructure
- Mining, oil & gas, and process industries
- Large commercial standby installations

#### 8. Commercial Information (To Be Completed by Seller)

- **Condition:** New / **Used** / Surplus / Reconditioned
- **Hours – 1111.6**

9. Inspection & Documentation

Item to be sold as is where is. No inspections will be provided

10. Tender Notes & Disclaimer

All information provided is believed to be accurate at the time of publication but is supplied without guarantee. Final configuration, ratings, and compliance are subject to confirmation per project requirements. The buyer is responsible for verifying suitability for the intended application.

11. Item Viewing

Viewing can be arranged by calling

Rodney Cooney: 709-227-1534

Vendor (Business): \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Email: \_\_\_\_\_

Attention (Contact): \_\_\_\_\_

**Return Quotation to:**

Gerry Hynes

CAO – Town OF Placentia

[Cao@placentia.ca](mailto:Cao@placentia.ca)

I have read and agree to comply with the terms and conditions of this Tender/Quotation:

\_\_\_\_\_  
(PRINT) Name of Company Representative

\_\_\_\_\_  
Signature & Title of Authorized Company Official

Date \_\_\_\_\_

## Fillable Price Form

Open Call for Bids - 750KW Generator

Bid price - Including HST

## **Instructions for Tenders/Quotations**

- Carefully read all terms and conditions printed below, plus any supplementary terms and conditions which may be attached.
- A completed Quotation/Tender must be received at the designated location prior to closing date and time to be considered valid.
- Late submissions will be returned unopened.
- The successful bidder will be notified by email, and engagement will be through a purchase order or other agreement applicable to the requirements being tendered.

### **General Terms and Conditions**

#### **1. Validity of Quotation/Tender**

To be considered valid, this Quotation/Tender must be complete, legible and signed and be submitted on the forms provided. If a lengthy description is necessary, attach separate sheet(s) which will be considered part of the Quotation/Tender. Any attachments must be listed on the main Quotation/Tender document. Any erasure, overwriting or strikeouts must be initialed by the person signing the bid.

#### **2. Acceptance, Revocation and Rejection of Bid**

The Bidder agrees that the bid is a firm bid to supply requirements specified in this document at the quoted process, and on the terms and conditions herein contained, which offer may be accepted by the Town or its designated officials in whole or in part, as specified. Late Quotations/Tenders will be rejected. Should a Bidder wish alter their bid, after initial submission, amendments will be accepted until the designated time of bid closure.

The Town reserves the right to consider during the evaluation of Quotation/Tenders.

- information provided in the Quotation/Tender document.
- information provided in response to enquiries about credit and industry references set out in the Quotation/Tender.
- Information received in response to enquiries made by the Township of third parties apart from those disclosed in the Quotation/Tender in relation to the reputation, reliability, experience, and capabilities of the Bidder.
- The manner in which the Bidder provides services to others.
- The compliance of the Bidder with the Town's requirements and

### **3. Price**

Prices quoted by the Bidder shall include packing, packaging, delivery, unloading and installation charges, where applicable, unless otherwise specified in the Quotation/Tender and shall remain unchanged during the period stipulated in the Quotation/Tender. The transportation of the item is of the contractor's responsibility.

**4. Harmonized Sales Tax**

Bidders must include the Harmonized Sales Tax (HST) in their bid.

**5. Delivery Conditions**

Delivery is the responsibility of the purchaser

**6. Reservation**

The Town of Placentia reserves the right not to accept the highest offer if it is deemed too low.

Pictures: Attached





**NOTICE TO INSTALLER**  
**INSTALLATION OF THIS**  
**GENERATOR AND**  
**ACCESSORIES MUST**  
**CONFORM TO ALL**  
**APPLICABLE CODES.**

GM60531

**KOHLER.**  
 FOR SALES & SERVICE



IN THE U.S. & CANADA  
**1-800-544-2444**


**SYNCHRONOUS AC GENERATOR**

PART NO. GM77507-12  
 MODEL 5M4278BF  
 SERIAL MT-0001080-0214  
 TYPE NSS FRAME 574  
 RPM 1800 PH 3 HZ 60  
 PF 0.8 ENCL. OPEN  
 AMB. 40 °C INS.CLASS H4  
 RISE BY RES. 150 °C  
 FIELD AMPS 2.2  
 FIELD VOLTS 55

STANDBY SERVICE RATINGS			
VOLTAGE	KW	KVA	AMPERES
120/208Y			
139/240			
220/380			
240/416			
277/480			
347/600Y	875	1094	1052

THIS GENERATOR IS CERTIFIED FOR APPLICATIONS UP TO THE RATINGS LISTED ABOVE FOR THE VOLTAGE APPLIED. SEE THE GENERATOR SET NAMEPLATE FOR GENERATOR SET RATINGS.

574NSS8278

A-926105  LR2025

ELECTRICAL EQUIPMENT ONLY  
 POUR MATERIEL ELECTRIQUE SEULEMENT  
 NOTICE:

KOHLER® Power.com

KOHLER  
OFF  
RESET  
AUTO



Decision-Maker 550

System Ready  
System Warning  
Not In Auto  
System Shut-Down

Programming Mode

Operating Guide

Level Step  
System Shutdown at System Warning Level



systems

BEHR  
A356-T6  
6720  
WAF  
39821  
H4524

**MAHLE** Made in USA

Drawing No./Modification No.	26.01180
Prod. yr./Warr. No./Serial No.	2013 5113 400
Customers' No.	
Manufacturers' code	H2354
Permiss working/testing overpressure	
Pressure space in tubes:	Water 4.5 8 bar
Pressure space around tubes:	Air 2.7 4 bar
Permiss working temp. in tubes:	Water 125 °C
Permiss working temp. around tubes:	Air 125 °C
Volume in tubes:	Water 6.5 L
Volume around tubes:	Air 29 L

EU X 000772





