



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 17, 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

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



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-826105

LR2025

ELECTRICAL EQUIPMENT ONLY
POUR MATERIAL ELECTRIQUE SEULEMENT
NOTICE:

Systems



BEHR
A356-T6
6720
WAF
09821
H4524

MAHLE		Made in USA	
Drawing No./Modification No.	20.01180 2		
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	20	L
X0007721			





