ADDENDUM

Project:	LTWP – WTP Backup Generator	Addendum No.: 02
		No. of Pages: 9
		Date: July 24, 2025
		Doc. No. P7201-950302569-1092 (1.0)

The following change(s) in the Request for Proposal Documents (2025-RFP-007) are effective immediately.

This Addendum forms part of the Contract Documents.

ITEM	DESCRIPTION	ACTION

Question 2.1
Is Geotechnical being hired by the City of Iqaluit and we are carrying $30k for it in the tender form or are we responsible for hiring Geotechnical?

Response 2.1
The consultant will be solely responsible for the geotechnical investigations. See Appendix A below for a revision to the cost submission form.

Question 2.2
Can you clarify the scope for this request from the RFP? Are the two generators portable? Is there any info of these generators that we can get? "In addition to designing a new backup generator system for the facility, the Consultant shall also confirm whether either of the two (2) used units in the City's possession meet the technical, operational, and code requirements for integration into the proposed design and provide recommendations accordingly. "

Response 2.2
The City has identified that three (3) portable generators are available for consideration, rather than the two originally referenced in the RFP. However, it remains unclear whether any of these generators can adequately support the Water Treatment Plant (WTP) during an emergency.
The consultant shall:

- Develop the backup generator design based on a thorough determination of the WTP's electrical load requirements.
- Once the design and load calculations are complete, assess the capacity and compatibility of the existing generators against the design criteria.
- If any of the existing generators are deemed capable of meeting the requirements, the consultant must conduct a detailed inspection and provide a signed and stamped certification confirming their suitability for use.
- If the existing generators are found to be inadequate or unsuitable, the consultant must proceed with the design and procurement of a new generator as part of the project scope.

Images and available specifications of the three generators are provided in Appendix B

Question 2.3
The RFP requires project documents to be delivered in 3 languages, can you clarify if there is a preferred translation agency by the city? Or is there an allowance for this service included as part of the bid price?

Response 2.3
Proponents are advised that translations into Inuktitut and French are not required for all project deliverables or documents. Only public-facing materials, such as community engagement presentations or public reports, if applicable, may require translation at the request of the City.

Question 2.4
Does the WTP need power all the time or can it take 10 second to start up and transfer back to normal power? Under Consultant Scope of Work, item 6 states "Provide a design of a fully automated transfer switch (ATS) and all associated control
systems to ensure seamless switchover between utility and backup power without operator intervention, including interconnection to the automation controls of the plant."

Response 2.4
The Water Treatment Plant (WTP) requires a continuous and reliable power supply to maintain critical operations. Consequently, the backup power system must enable a seamless transition between utility and generator power, ensuring uninterrupted service. A maximum delay of 10 seconds is acceptable, accounting for the time needed for the generator engine to reach nominal speed. Once utility power is restored and verified as stable—after a configurable delay—the system should switch back to grid power swiftly, with minimal perceptible impact on the power system. This will occur with no operator's intervention. The ATS is expected to be open transition.

Question 2.5
Section E – Qualifications and Experience asks for "Four (4) Lead Engineers for each of the following disciplines...". We are assuming we only need 1 for each of the 4 disciplines

Response 2.5
Yes, only one lead engineer is required per discipline.

Question 2.6
Can we get the age, size, voltage and make of the existing generators?

Response 2.6
The information can be found in Appendix B.

Question 2.7
Can the Design meeting with the project team be done virtually?

Response 2.7
Yes, design meetings with the project team can be held virtually. It should be noted that the site visits are still required as dictated in the RFP.

Question 2.8
During the Construction Phase you are requesting Daily and Weekly Construction Reports and only expecting 125 hours for CA with 5 trips. We are assuming only 5 Construction Reports would be required, 1 per visit.

Response 2.8
Weekly construction reports are to be submitted to the project team regardless of site presence based on coordination with the awarded contractor. These reports should provide regular updates on progress, issues, and any relevant developments to maintain consistent project oversight.

Question 2.9
What is the expected review time for the City to provide comments on the Design Submissions?

Response 2.9
The expected City review time should be ten (10) business days.

APPENDIX A – COST SUBMISSION FORM

Proponent's Name: _____

Proponent's Address: _____

Provide the following cost breakdown for the services detailed herein that the Proponent is proposing to offer the City of Iqaluit.

Table A1 Fee Table

Item	Description	Qty	Unit	Unit Price	Total
6.0 General					
1.	Project management, administration, coordination, meetings	1	LS	$	$
6.1 10% Concept Plan					
1.	10% Concept Plan Report	1	LS	$	$
2.	Disbursements	1	LS	$	$
6.2 Preliminary Engineering Design Study					
1.	Background information review and stakeholder engagement	1	LS	$	$
2.	Draft Construction Method Statement	1	LS	$	$
3.	Preliminary Engineering Report	1	LS	$	$
4.	Designs, Reports, Plans and Other required submissions	1	LS	$	$
5.	Geotech Investigations	1	LS	$	$
6.	Disbursements	1	LS	$	$

Item	Description	Qty	Unit	Unit Price	Total
6.3 Detailed Design					
1.	Designs, Reports, Specifications Cost Estimate, Bill of Quantities and other required Submissions for 100% Design	1	LS	$	$
2.	Final Construction Method Statement	1	LS	$	$
3.	Permitting and Modification Notification Documents	1	LS	$	$
4.	Risk Register	1	LS	$	$
5.	Disbursements	1	LS	$	$
6.4 Construction Procurement Phase					
1.	Request for tender package	1	LS	$	$
2.	Tender support	1	LS	$	$
3.	Bid review and contract award	1	LS	$	$
6.5 (Optional) Construction Phase - Contract Administration, Site Inspection & Engineering Support					
1.	Project Management (Assume 25 hours)	1	LS	$	$
2.	Contract Administration (assume 125 hours)	1	LS	$	$
3.	Site Inspection Services (assume 5 Site Visit Trips – Assume 5 working days per trip including travel)	5	LS	$	$
4.	Engineering Support Services (assume 100 hours)	1	LS	$	$
5.	Miscellaneous Items -Including Factory Acceptance Test Attendance (Cash Allowance)	1	PS	$ 50,000.00	$ 50,000.00
6.	Site Inspection Disbursements	1	LS	$	$
6.6 (Optional) Closeout					
1.	Closeout and Warranty/Deficiency Services (Assume 40 hours)	1	LS	$	$

Item	Description	Qty	Unit	Unit Price	Total
2.	Supply of As Built Records (including hardcopy and digital files) and Supply of Project History File	1	LS	$	$
3.	11 Month Warranty Inspection (Subject to City confirmation)	1	LS	$	$
4.	Warranty Inspection Disbursements	1	LS	$	$
				6.0 General subtotal	$
				6.1 10% Concept Plan subtotal	
				6.2 Preliminary Engineering Design subtotal	$
				6.3 Detailed Design subtotal	$
				6.4 **Construction Procurement Phase** subtotal	$
				6.5 Construction Phase – Contract Administration, Site Inspection & Engineering Support subtotal	$
				6.6 Closeout subtotal	$
				Table A1 subtotal	$

Fees for changes to the work shall be as agreed upon prior to the commencement of services for the change as set out under the contract. For additional work, the proponent shall use the rates detailed below.

Table A2 Hourly Rates Table

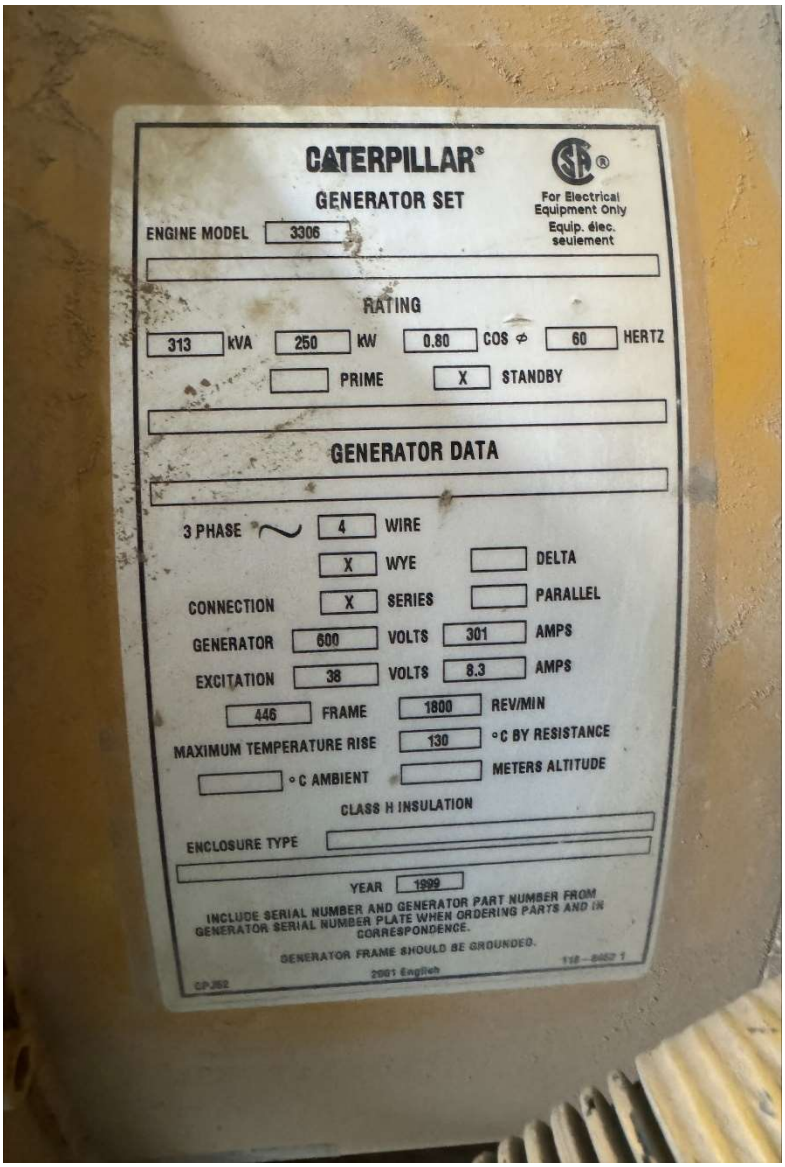
POSITION	TEAM MEMBER	2025 Hourly Rates ($/hr.)	2026 Hourly Rates ($/hr.)	2027 Hourly Rates ($/hr.)
Principal/Project Sponsor				
Project Manager				
Project Engineer				
Site Inspector				
Insert Position (s)				

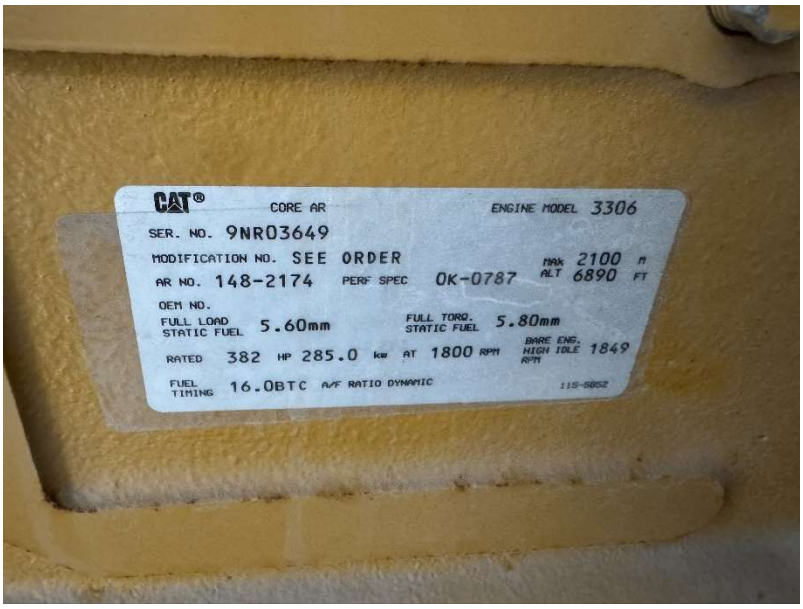
Consultant to add positions as necessary. Each discipline shall provide names for each position as necessary.

END OF APPENDIX A

APPENDIX B – WTP GENSET PHOTOS

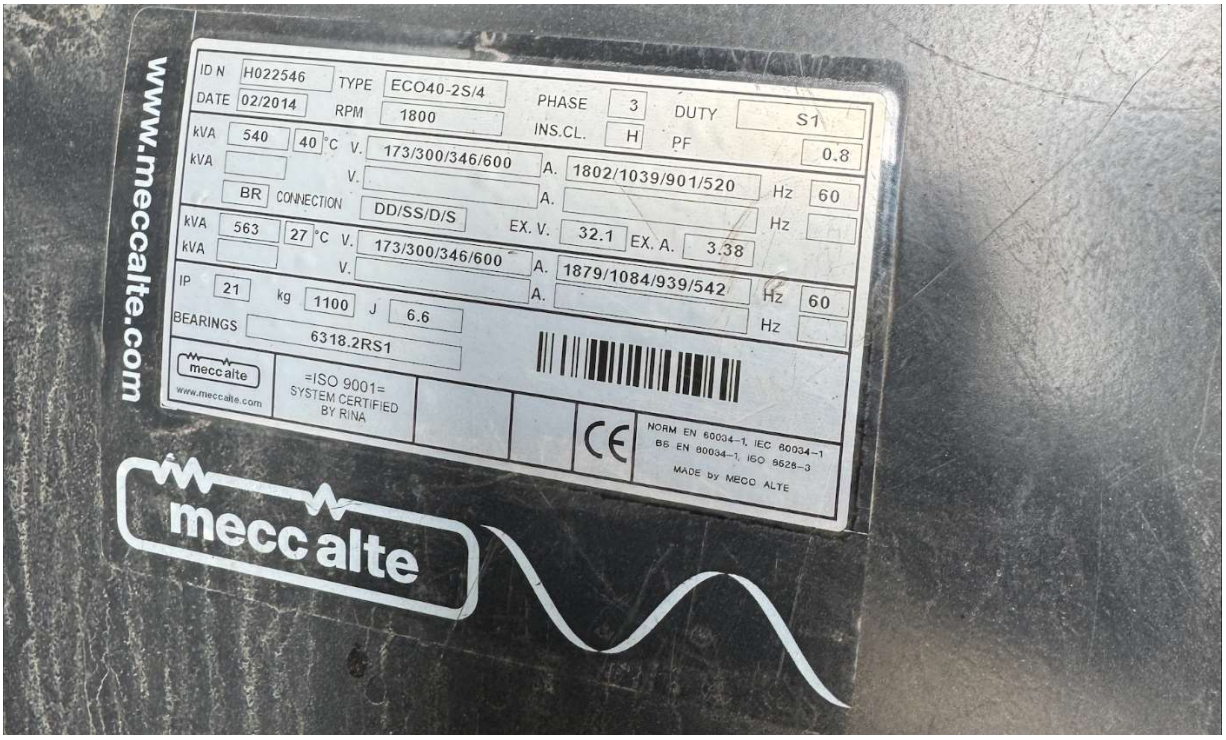
1.


CATERPILLAR®
GENERATOR SET
For Electrical Equipment Only
Equip. élec. seulement
ENGINE MODEL 3306
RATING
313 kVA 250 kW 0.80 COS ϕ 60 HERTZ
PRIME X STANDBY
GENERATOR DATA
3 PHASE 4 WIRE
X WYE DELTA
CONNECTION X SERIES PARALLEL
GENERATOR 600 VOLTS 301 AMPS
EXCITATION 38 VOLTS 8.3 AMPS
446 FRAME 1800 REV/MIN
MAXIMUM TEMPERATURE RISE 130 °C BY RESISTANCE
°C AMBIENT METERS ALTITUDE
CLASS H INSULATION
ENCLOSURE TYPE
YEAR 1999
INCLUDE SERIAL NUMBER AND GENERATOR PART NUMBER FROM GENERATOR SERIAL NUMBER PLATE WHEN ORDERING PARTS AND IN CORRESPONDENCE.
GENERATOR FRAME SHOULD BE GROUNDED.


CAT®
CORE AR
ENGINE MODEL 3306
SER. NO. 9NR03649
MODIFICATION NO. SEE ORDER
AR NO. 148-2174
PERF SPEC OK-0787
MAX ALT 2100 M 6890 FT
OEM NO.
FULL LOAD STATIC FUEL 5.60mm
FULL TORQ. STATIC FUEL 5.80mm
RATED 382 HP 285.0 kw AT 1800 RPM
BARE ENG. HIGH IDLE RPM 1849
FUEL TIMING 16.0BTC A/F RATIO DYNAMIC

2.

MODÈLE D1350P
NO. SÉRIE TGBF5081N060540
KW 350
DATE 08 2018
KVA 437
PHASE 03
VOLT 600
RPM 1800
AMP 421
FILS 04
HZ 60
FRAME 40
FABRIQUÉ AU CANADA / MADE IN CANADA
GB
Génératrices Beaumont inc.
332, du Fleuve
Beaumont (Québec) G0R 1C0
Tél. : 418 837-6722
Fax : 418 837-5102


www.meccalte.com
ID N H022546 TYPE ECO40-2S/4 PHASE 3 DUTY S1
DATE 02/2014 RPM 1800 INS.CL. H PF 0.8
kVA 540 40 °C V. 173/300/346/600 A. 1802/1039/901/520 Hz 60
kVA V. A. Hz
BR CONNECTION DD/SS/D/S EX. V. 32.1 EX. A. 3.38
kVA 563 27 °C V. 173/300/346/600 A. 1879/1084/939/542 Hz 60
kVA V. A. Hz
IP 21 kg 1100 J 6.6
BEARINGS 6318.2RS1
meccalte
www.meccalte.com
=ISO 9001=
SYSTEM CERTIFIED
BY RINA
CE
NORM EN 60034-1, IEC 60034-1
BS EN 60034-1, ISO 9528-3
MADE BY MECC ALTE
meccalte

3.

END OF APPENDIX B