



PLACE DE VILLE, TOWER C,
330 SPARKS STREET
OTTAWA, ONTARIO K1A 0W8

File No.: T8080-190125/A

OCTOBER 7, 2019

ADDENDUM #6

Subject: **Request for Proposals T8080-190125/A**
Composite Cylinder Project

No consideration will be given for extras and/or changes because the tenderer was not familiar with the contents of this Addendum.

The following question has been received from a potential Bidder about the subject Request for Proposals. The purpose of this Addendum to the Request for Proposals is to summarize the question and answer for the information of all potential Bidders.

Question #1

I have an inquiry regarding Page 32 - Section 3.1.1. – vii which states:

“Measurement of volumetric expansion at test pressure every 2500 cycles (equivalent to every 5 years of operation) during the course of all cycling, and identify cylinders that would require removal from service.”

But Clause 8.5.5.1.3 of ISO 11119-2-2012 states

“ N pressurization cycles to test pressure = number of years \times 250 cycle/year = $5 \times 250 = 1250$ cycles.”

The question is which number is correct 2500 or 1250?

Answer #1

Clause 8.5.5.1.3 of ISO standard 11119-2-2012 states:

“Both cylinders shall withstand N pressurization cycles to test pressure, p_h , or N_d pressurization cycles to maximum developed pressure, p_{max} without failure by burst or leakage, where:

$N = t \times 250$ cycle/year of design life

$N_d = t \times 500$ cycle/year of design life”



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Section 3.1.1, iii of the RFP, referring to Clause 8.5.5 of ISO standard 11119-2:2012, requires that cycles be performed to “maximum developed pressure.” In 8.5.5.1.3. of ISO 11119-2: 2012, N_d should be used when pressurization cycles are performed to maximum developed pressure. Since the number of years is 5, the number of cycles is therefore:
 $N_d = 5 \times 500 \text{ cycle/year} = 5 \times 500 = 2500 \text{ cycles}$

Bidders are to acknowledge this Addendum by signing in the space provided below and enclosing a copy of this document with their proposal.

All other terms and conditions of the Request for Proposals remain unchanged.

RECEIPT ACKNOWLEDGED

Name of Company _____

Signature _____

Yours truly,

Bruce Weir
Procurement Advisor
Materiel and Contracting Services
Tel:613-990-7632
E-mail: bruce.weir@tc.gc.ca