NOTICE
This documentation has been reviewed by the Technical Authority and does not contain controlled goods.

AVIS
Cette documentation a été révisée par l'Autorité technique et ne contient pas de marchandises contrôlées.

APENDIX 1: Technical Information Questionnaire

TRACKED EXCAVATOR

This questionnaire covers technical information, which ***must*** be provided for evaluation of the configuration(s) of the vehicle(s) offered.
Where the specification paragraphs below indicate "***Substantial Information***", the ***"Substantial Information***" describing completely and in detail how the requirement is met or addressed ***must*** be supplied for each performance requirement/specification.
Bidder is required to indicate the document name/title and page number where the ***Substantial Information*** can be found.
Definitions for Equivalent is found in the DEFINITIONS section at the end of this document.

CONTRACTOR INFORMATION
Contractor Name: _____
Address: _____

Proposal Date: _____

Substitutes/Alternatives
Are any equipment substitutes/alternatives offered as ***Equivalent***? YES ☐ NO ☐
If yes, please identify all equipment substitutes/alternatives offered as ***Equivalents*** below:

Vehicle Make: _____; Model: _____; Model Year: _____

3.4.1(a) Lift Capacity – Substantial Information

i The excavator ***must*** have a lift capacity at ground level through 360 degrees, in accordance with ISO 10567 *Earth-moving Machinery – Hydraulic Excavators – Lift Capacity* of at least 5,900 kg at a 4.5 metre radius.
Lift at 4.5 m: _____ kg.
Document Title: _____ - Page: _____

ii The excavator ***must*** have a lift capacity at ground level through 360 degrees, in accordance with ISO 10567 *Earth-moving Machinery – Hydraulic Excavators – Lift Capacity* of at least 3,800 kg at a 6 metre radius.
Lift at 6 m: _____ kg.
Document Title: _____ - Page: _____

iii The excavator ***must*** have a lift capacity at ground level through 360 degrees, in accordance with ISO 10567 *Earth-moving Machinery – Hydraulic Excavators – Lift Capacity* of at least 2,700 kg at a 7.5 metre radius.
Lift at 7.5 m: _____ kg.
Document Title: _____ - Page: _____

3.4.1(b) Reach at Ground Level – Substantial Information

The excavator ***must*** have a reach at ground level, in accordance with *ISO 7135 Earth-Moving Machinery – Hydraulic Excavators – Terminology and Commercial Specifications,* of at least 9,100 mm.
Reach at Ground Level: _____ mm.
Document Title: _____ - Page: _____

3.4.1(c) Maximum Digging Depth – Substantial Information

The excavator ***must*** have a maximum digging depth, in accordance with *ISO 7135 Earth-Moving Machinery – Hydraulic Excavators – Terminology and Commercial Specifications,* of at least 5,900 mm..
Maximum Digging Depth: _____ mm.
Document Title: _____ - Page: _____

3.4.1(d) Maximum Dumping Height – Substantial Information

The excavator ***must*** have a maximum dumping height, in accordance with *ISO 7135 Earth-Moving Machinery – Hydraulic Excavators – Terminology and Commercial Specifications,* of at least 6,400 mm.
Maximum Dumping Height: _____ mm.
Document Title: _____ - Page: _____

3.4.1(e) Arm Cylinder Force – Substantial Information

The excavator ***must*** have an arm cylinder force, in accordance with *ISO 6015 Earth-Moving Machinery – Hydraulic Excavators and Backhoe Loaders – Methods of Determining Tool Forces,* using the standard excavating bucket, of at least 100 kN.
Arm Cylinder Force: _____ kN.
Document Title: _____ - Page: _____

3.4.1(f) Bucket Cylinder Force– Substantial Information

The excavator ***must*** have a bucket cylinder force, in accordance with *ISO 6015 Earth-Moving Machinery – Hydraulic Excavators and Backhoe Loaders – Methods of Determining Tool Forces,* using the standard excavating bucket, of at least 125 kN.
Bucket Cylinder Force: _____ kN.
Document Title: _____ - Page: _____

3.4.1(g) Typical Operating Weight – Substantial Information

The excavator ***must*** have a typical operating weight of no more than 24,000 kg.
Typical Operating Weight: _____ kg.
Document Title: _____ - Page: _____

3.5(d) Hydraulic Hammer Energy – Substantial Information

The hydraulic hammer ***must*** have an impacting energy of at least 6,000 J.
Hydraulic Hammer Energy: _____ J.
Document Title: _____ - Page: _____

3.8(b) Engine – Substantial Information

The diesel engine ***must*** operate on Jet A-1 fuel, which has up to 3,000 parts per million sulphur content in accordance with *ASTM D1655 Standard Specification for Aviation Turbine Fuels*.
Engine Make: _____ .
Engine Model: _____ .
Engine emission standard: _____ .
Document Title: _____ - Page: _____

DEFINITIONS

The following definitions apply to the interpretation of this Technical Information Questionnaire:

a) "Equivalent" - A standard, means, or component type, which has been accepted by the Technical Authority as meeting the specified requirements for form, fit, function and performance.
b) performance requirements and/or specifications.