Disclaimer

This document is provided in English as a courtesy measure only and should be treated as such. It is to be noted that, to the best extent of our knowledge, the English version of this document is adequate. However, should any discrepancies be noticed between this document and its French version, the latter shall prevail in the interpretation of the information contained therein.

DEFINITIONS

In this document, the following terms have the meanings given here:

contract

an agreement entered into between a *customer* and the Distributor for *electricity service* delivered to a *service address.*

contract year

every period of 12 consecutive months, starting on the *date on which service is first established* to the *electrical installation* and ending on the 365th day thereafter, which is the date on which the next *contract year* begins.

electrical appliances and equipment

the network of any electric, electronic, mechanical devices, machines, objects, specialized systems and cables designed to be powered by electricity to allow for *cryptographic use applied to blockchains.*

certificate of compliance

as defined in Article 2.2

load side

on an electric circuit, the side toward which the power flows. For example, the *service address* is on the load side of the *distribution line*.

draft design

all of the steps required to specify the technical, financial and environmental aspects as well as the engineering and schedule for completing the work necessary to supply the *electrical installation*.

notice of acceptance

as defined in Article 4.17

building

any structure not in contact with any other structure, except a house or a place of business which is semidetached or attached, each one then being considered a building.

customer's service entrance

the portion of the *customer*'s *electrical installation* from the *service box* or *customer substation*, as the case may be, to the *connection point* on the *power distribution system.*

distribution service loop

the portion of the *power distribution system* from the *supply point on the distribution line* to the *connection point* supplying a single *building.*

blockchain

a distributed and secure database, in its current and future versions, in which successive transactions (blocks) between users are recorded in chronological order. Each block is linked to the block before it and so forth going back to the first block in the chain.

customer

an individual, a body corporate, a partnership, an agency acting through its agent, or an organization that is responsible for one or more *service contracts*, that requests the connection of an *electrical installation* or that requests or causes work to be done.

service box

a metal box or cabinet housing the main breaker or switch and constructed so that it may be locked or sealed and the switch or circuit breaker may be manually operated when the service box is closed.

Conditions of Service

Hydro-Québec's conditions of service for its electricity distribution activities, in effect, approved by the *Régie*, which apply to this Request for Proposals, including the *Rates and Conditions of Service for Cryptographic Use Applied to Blockchains*.

electrical consumption avoided through heat recovery

the annual energy savings, expressed in electrical kWh and/or thermal kWh, achieved by the *user* through the exploitation of *recovered energy*. The formula for calculating *annual energy savings* is presented in Table 4.2 of the Bid Form.

total electrical consumption

see the definition of *real energy consumed*.

***date on which service is first established* (also, *service establishment date*, *initial energizing date*)**

the date on which Hydro-Québec energizes the new load or the additional load for *cryptographic use applied to blockchains*, as presented in the *connection agreement*. The *service establishment date* to be used for bid analysis purposes will be the later of the energization date requested by the bidder, and the *service establishment date* revised by Hydro-Québec based on the estimated duration of the system connection and strengthening work to be done, as applicable. In the case of a customer from a *municipal system*, the date on which the capacity will be available, as indicated on the *certificate of compliance*.

contract energy

as defined in Article 1.4.1

energy not delivered during a curtailment period

for a given *contract year*, the quantity of energy interrupted, expressed in kWh, based on a curtailment request associated with the *non-firm service.*

recovered energy

a quantity of heat, expressed in thermal kWh, contained in the waste heat recovered from the operation of the *customer*'s *electrical appliances and equipment.*

real energy consumed

a quantity of energy expressed in kWh; for a given *contract year*, it corresponds to the *customer*'s actual energy consumption.

consumption undertaking
(also, *consumption commitment*)

as defined in Article 1.4.1

economic spinoff undertakings

as defined in Article 1.4.2

environmental undertaking

as defined in Article 1.4.3

draft-design agreement

an agreement relating to a *draft design*, signed by the selected bidder and Hydro-Québec, in which the *draft design* and the parties' undertakings are described.

connection agreement

an agreement signed by the selected bidder and Hydro-Québec which contains a description of the work to be done, costs of the work, lead times and the parties' undertakings.

Contract LF (load factor)

the load factor associated with the *contract power*, expressed as a percentage. The load factor is the ratio of actual energy consumption (in kilowatt hours) to the energy it would be possible to consume using the full maximum power demand throughout the entire *consumption period*.

bid bond

as defined in Article 2.3

electrical installation

any electrical equipment, which includes any generating equipment connected and operated in parallel to the *power distribution system*, and any *customer substation* to which Hydro-Québec supplies or is to supply electricity and which is located on the *load side* of the *connection point*. The electrical installation includes the *customer's service entrance*.

financial institution

as defined in Article 2.3.1

service address

any location on the *load side* of the connection point served by the Distributor.

distribution line

a part of the *power distribution system* that includes all the *support structures*, conductors, *civil works* and equipment required for the distribution of electricity at *medium voltage* and *low voltage*, located

- in a public right-of-way;
- on private property supplying more than one *building*; or
- on two (2) or more adjacent lots.

scaling

the start-up period requested by the bidder to reach the *contract power*, expressed in kW for each month of the applicable scaling.

consumption period

a period during which electricity is delivered to the *customer* and which extends between the two (2) dates used by the Distributor for calculation of the bill;

supply point on the distribution line

the point on the *distribution line* at which the *distribution service loop* begins. If there is no *distribution service loop*, the *connection point* is considered to be the supply point on the distribution line;

connection point

the point where the *distribution service loop* meets the *customer's service entrance*, separating the equipment belonging to Hydro-Québec from that belonging to the *customer*, except for the *metering equipment* installed by Hydro-Québec. If there is no *distribution service loop*, the *supply point on the distribution line* is considered to be the *connection point*.

customer substation

a transformer substation that does not belong to Hydro-Québec, is located on the *load side* of the *connection point*, and supplies electricity to the *service address*.

project

refers to the project that is defined by the bidder in its bid and under which the requested electricity service will be for *cryptographic use applied to blockchains*.

contract power

the quantity of power to be installed, as requested by the bidder and presented in its bid, expressed in kilowatts (kW).

energy savings ratio

as defined in Article 1.4.3

Régie

the Régie de l'énergie, established under the *Act respecting the Régie de l'énergie* (CQLR, c. R-6.01), or any successor.

off-grid system

a system for the generation and distribution of electricity, independent of the main power system.

power distribution system

"a network of installations for the distribution of electric power once it leaves transformation substations, including *distribution lines* at voltages below 44 kV and any equipment located between such lines and *connection points* to consumer installations and, in the case of independent *electric power distribution systems* of the electric power distributor, a network of works, machinery, equipment and installations used for the production, transmission and distribution of electric power," according to Section 2 of the *Act respecting the Régie de l'énergie* (CQLR, chapter R-6.01).

integrated system

all of Hydro-Québec's power systems, interconnected either directly or through neighbouring power systems. Excludes *off-grid systems* and *municipal systems*.

municipal system

a power system operated by a municipality or by the Coopérative régionale d'électricité de Saint-Jean-Baptiste-de-Rouville, and supplied by the Distributor.

private electric power system

as defined in section 62 of the *Act respecting the Régie de l'énergie*

electricity service

the energizing of the *connection point* and the maintaining of voltage there, whether or not electricity is used.

non-firm service

as defined in Article 1.3

site

any location designated by a lot number or street address, chosen by the bidder to receive the *electricity service*, and for which the associated *contract* will be subject to *cryptographic use applied to blockchains*.

support structures

all equipment, such as poles, guy wires and anchors, needed to support overhead conductors.

Electricity Rates

Hydro-Québec's *Electricity Rates* for its electricity distribution activities, in effect, established by the *Régie*, which apply to this Request for Proposals, in addition to the *Rates and Conditions of Service for Cryptographic Use Applied to Blockchains*.

disincentive rate

a rate of 15¢/kWh or any other applicable rate under the *Rates and Conditions of Service for Cryptographic Use Applied to Blockchains*.

Rates and conditions of service for cryptographic use applied to blockchains

the rates provided in Annex 8, which are subject to approval by the *Régie*, or any other rates and conditions of service for *cryptographic use applied to blockchains* approved by the *Régie.*

cryptographic use applied to blockchains

the use of electricity for the purpose of operating computer equipment dedicated to cryptographic calculations which, in particular, serve to validate successive transactions made by users of a *blockchain*.

user

an entity, a corporation, an agency acting through its agent, or an organization exploiting *recovered energy* for a commercial or industrial operation outside the perimeter of the *electrical installation* and the *electrical appliances and equipment*.