

N° de l'invitation - Solicitation No.
6D034-203681/A

Vaccine Logistics Service Provider(s)

Public Services and Procurement Canada (PSPC) hosted a Bidders' Conference on October 30, 2020, to discuss the Public Health Agency of Canada's (PHAC) requirement for Vaccine Logistics Service Provider(s).

The Public Health Agency of Canada (PHAC) has secured access to sufficient doses of COVID-19 vaccine to ensure the needs of all Canadians in Canada, and those serving abroad. Clinical development of all vaccines continues. Vaccines are expected to be approved by Health Canada for distribution during January to March, 2021. Information and details related to vaccine packaging and shipping containers will be provided by each manufacturer. PHAC has a requirement for one or more Logistics Service Providers (LSP) to deliver a broad range of end-to-end logistics and support services, on an as and when required basis, for the execution of its vaccine logistics strategy. This work will include all services and activities for the safe management and distribution of COVID-19 vaccines across Canada, including to remote and isolated communities. The LSP may also have a role in distributing vaccine to Canadians serving abroad. Business partnerships and collaborations are encouraged.

Annex A to this document contains the questions and answers from the Bidders' Conference. As indicated, PSPC is taking a very agile approach to this procurement. The answers provided reflect the information as we know at this time. The requirement continues to evolve as we learn more from your questions and feedback.

Annex B contains the list of companies who attended the Bidders' Conference. We encourage industry to collaborate through joint ventures or subcontracting arrangements, as appropriate, in order to respond to this requirement.

Annex C contains the presentations by PSPC and PHAC from the Bidders' Conference.

As a reminder, enquiries and other communications must be directed only to the following email address TPSGC.paapprologistique-aplogisticsproc.PWGSC@tpsgc-pwgsc.gc.ca. Failure to comply with this requirement may result in suppliers not being given further consideration in this process.

ANNEX A

- Q1. What are the insurance requirements? Will you be requiring logistics providers to possess liability coverage of more than the typical \$250,000?
- A1. We are still determining the insurance requirements. They will be detailed in future phases.
- Q2. If you lose out on the initial bid, is it possible you are put on a routing guide for potential future use?
- A2. At this point, there is no intention to establish a source of supply beyond those firms qualified through the Invitation to Qualify (ITQ).
- Q3. If a supplier was going to collaborate with another party to fulfil these requirements does the joint venture (JV) have to be legally incorporated, or would a Collaboration Agreement between the parties be sufficient? Are there any rules for the JV and collaboration? Can they be with suppliers outside of the current pool?
- A3. Public Service and Procurement Canada (PSPC) is currently looking at defining what the joint venture requirement will be, and those requirements will be detailed in the ITQ. Attendance at the Bidders' Conference was not mandatory. Suppliers may form a JV or collaboration with firms that did not attend.
- Q4. Will the evaluation criteria be shared?
- A4. Criteria to pre-qualify suppliers will be shared in the ITQ.
- Q5. What if you are Canadian based but your company is an American third-party logistics? Are you disqualified?
- A5. Canada has not made a decision on Canadian content. Should it apply, information on the definition of a Canadian supplier will be provided in future phases.
- Q6. Pouvez-vous nous fournir quelques indications additionnelles quant à l'invitation à se qualifier? À quoi devons-nous nous attendre?
- A6. Criteria to pre-qualify suppliers will be shared in the ITQ. Suppliers can expect the ITQ process, from posting to evaluation, will move quickly.
- Q7. What additional services or solutions do you expect to be procured by PSPC, beyond the vaccination logistics, for the management and follow through on this national vaccination effort and priority?
- A7. Canada is addressing various elements surrounding the national vaccination effort. This requirement is for vaccine logistics specifically. As indicated in the Notice of Proposed Procurement, it does not include vaccine ancillary products. Please refer to BuyandSell for any additional procurement opportunities.
- Q8. When will manufacturer specifications be shared?
- A8. Manufacturer specifications will be shared, as applicable, with those companies who have qualified following the ITQ.

- Q9. How will you be assessing competitive bids? There isn't much time to do a detailed assessment.
- A9. The evaluation criteria and basis of selection will be detailed in the ITQ.
- Q.10 Does the airfreight have to be done by a Canadian-based airline or will the LSP be able to choose
- A.10 The LSP may select any air carrier that meets industry standards for the air transportation of vaccines.
- Q11. When will the response to the ITQ be required?
- A11. The closing date and time will be outlined in the ITQ. Expect the ITQ process, from posting to evaluation, to move quickly.
- Q12. We are all interested in the working on providing a solution. Many of us are open to partnering, but we need product specifications and origins soonest, for us to provide you a response with integrity. The manufacturers are withholding this information. Therefore we are relying on you to share this soonest.
- Q13. What is the timeframe of the contract with the LSP? 6 months, 12 months?
- A13. Canada expects the work to continue through, at least, the second quarter of 2022.
- Q14. Can we please get direct point of contact information for those attending so that we can work together to provide complete solutions?
- A14. Within the Tender Notice on BuyandSell, there is a "List of Interested Suppliers" link. Suppliers can join the list and provide contact information for all suppliers to see. The list of Bidders' Conference attendees is included as Annex B.
- Q15. For the ultra-cold -80 vaccine, no actual ultra-cold transportation will be required, but rather just refreshing the dry-ice in the packaging?
- A15. The LSP may be requested to assist with the distribution of dry ice to points of vaccine administration within any jurisdiction.
- Q16. Given the unusual cold-chain needs of some of the vaccines, will PHAC and/or the provinces and territories (PTs) be looking for help with vaccination centres?
- A16. No. Vaccine administration is a jurisdictional responsibility. Support to vaccination centres is not part of this requirement.
- Q17. Do we know the packaging of the product? What are Minimum Order Quantities?
- A17. Information related to the precise packaging of the product will only be known when vaccines are approved for distribution. Minimum order quantities are also unknown at this time.
- Q18. What is estimated date for first shipments? Are they ready?
- A18. PHAC is preparing for the distribution of vaccines during January to March, 2021.
- Q19. Fair to say all warehousing/distribution centres will need to be temperature controlled?

- A19. Yes, warehouse and distribution centres must be temperature controlled and monitored.
- Q20. The scope of the process will include the customs clearance in Canada for all the vaccines or perhaps just for the frozen and cold?
- A20. Just for the frozen, that will be the responsibility of the LSP to transport from Europe to Canada.
- Q21. Fair to assume that overseas locations will be provided?
- A21. Yes. The manufacturer of the frozen vaccine will deliver that vaccine to the nearest international airport. The LSP will be responsible to transport that vaccine to Canada by air.
- Q22. Will PHAC or some federal entity determine and set national standards for the PTs to follow for the proper and safe storage of these vaccines? Understanding each province may currently have slightly different guidelines or criteria for vaccine storage and the associated cold storage equipment.
- A22. Guidelines are available from Health Canada for the storage and transportation of temperature-controlled drug products: <https://www.canada.ca/en/health-canada/services/drugs-health-products/compliance-enforcement/good-manufacturing-practices/guidance-documents/guidelines-temperature-control-drug-products-storage-transportation-0069.html>
These guidelines will be updated to support the safe management, storage, and transportation of vaccines as needed.
- Q23. Do we have an idea how many vials per pallet?
- A23. Information related to vaccine packaging will be provided to the LSP as soon as the vaccine is approved for distribution in Canada.
- Q24. Can you specify the answer about the unit size that you require temperature data in real-time?
- A24. Cold and Frozen temperatures must be maintained and monitored for vaccines during storage, transportation and distribution to points of destination. The level of detail to which this information must be monitored will be provided in the Statement of Work.
- Q25. Fair to assume that all overseas locations to support Canadians outside of the country. Would there be opportunity to move direct to manufacturing site versus into Canada and then out to those administration sites?
- A25. The vaccine allocation strategy for Canadians serving abroad remains under development. The LSP will be informed as soon as decisions are finalized.
- Q26. What percentage of the distribution will be domestic distribution and what percentage will be importing from abroad, warehousing and distribution?
- A26. These percentages are unknown at this time. The LSP will be informed of the vaccine allocation strategy as soon as confirmed.
- Q27. Will PHAC provide all QA release services and ensure compliance with Good Manufacturing Practices (GMP) regulations?
- A27. The SOW will include the standards of vaccine management and distribution.
- Q28. Will there be a data file with the volume forecast, destinations and requirements per each vaccine type? Do we know the approximate shelf life of the vaccines? Depending on the shelf life, the transportation mode will have to be changed accordingly.

- A28. PHAC will develop a vaccine allocation strategy for all vaccines approved for distribution in Canada. Vaccines must be stored and distributed in a temperature-controlled manner at all times to preserve the shelf life of the vaccines.
- Q29. At what point in the process will Provinces/ Territories determine if they need the "One LSP" to perform distribution within their jurisdiction or if they will depend on their own service providers?
- A29. The provinces and territories continue to develop their respective vaccine logistics strategies. It remains their responsibility to ensure all services and support necessary to execute their strategies.
- Q30. How soon will you be able to provide addresses for all administration sites (including remote locations)? Will you be able to break down which destinations are most likely to receive the ultra-low temp vaccines?
- A30. The destinations for the delivery of all other vaccines will be determined by the federal, provincial and territorial jurisdictions. These locations will be disclosed to the LSP as soon as they are known.
- Q31. Just food for thought here.... with all of the potential JV and Collab that could occur. Would it make sense to look at having one IT platform that the GoC uses to track, monitor shipments?
- A31. All IT solutions that propose the proficient recording and sharing of vaccine location and temperature control will be considered.
- Q32. Can we assume there is a relationship between storage temperature and warehousing storage period? For example, -80C vaccines will be administered quickly and when we get to 2-8C the storage of the vaccine will be longer?
- A32. Development and testing continues for all of Canada's procured vaccines. Detailed information related to their individual storage requirements will be disclosed to the LSP when known.
- Q33. Rather than a license associated with the Food and Drug, could you consider an MDEL?
- A33. No, a Drug Establishment License is required.
- Q34. What if you have a Drug Establishment Licence (DEL) for all sites across Canada, but are not licensed as exporter or importer on the DEL, can this status be added to the licence?
- A34. A wholesale and Distribution DEL is sufficient to complete the work.
- Q35. Can the vaccine be stored at a food grade cold storage?
- A35. No. Vaccines must be stored and managed in in compliance with Good Manufacturing Practices and Good Distribution Practices.
- Q36. Are there plans for a web based ordering system that PTs will use and has interoperability with the LSP?
- A36. The IT platform for the order management system is under development at this time.
- Q37. Do we know the number of jurisdictions or points of delivery? High level number by province?
- A37. The locations and number of points of delivery of vaccine within each jurisdiction is unknown at this time. These locations will be disclosed to the LSP as soon as they are known.

- Q38. If the PTs are responsible for repackaging the vaccines, how will this occur if we don't have a DEL? Will there be temporary licenses provided?
- A38. The LSP must have a DEL to manage and distribute vaccines.
- Q39. Pallet size/pallet count/weight per pallet would be the information that is required.
- A39. This information related to vaccine shipping containers and pallet specifications will be provided by the manufacturers once their vaccines are approved for distribution.
- Q40. We are supportive of the direct Points of Administration (PoA) of the ultra-cold vaccine, but it will not be possible to provide the PoA without knowing the eligibility and key population of this vaccine. (i.e long-term care vs. health care workers will have different PoAs)
- A40. PHAC and the FPT jurisdictions will determine the optimal allocation strategy for all vaccines based on manufacturer specifications and testing results, once confirmed.
- Q41. To confirm, are FPTs providing their own distribution and vaccination plans to PHAC by Nov 15?
- A41. Federal, provincial and territorial jurisdictions continue to develop their vaccine logistics strategies. Delivery locations for the vaccine will be disclosed to the LSP as soon as they are known.
- Q42. Will the contract be given to one company to handle all logistics or would this be broken up where one company handles the warehousing, one handles road transfer and the one will cover national air cargo
- A42. PHAC is seeking one or more LSPs to deliver the end-to-end vaccine logistics solution in the cold, frozen and ultra-cold chains. The LSP is encouraged to collaborate or sub-contract with other business partners as necessary, to ensure all required services are delivered.
- Q43. Regarding the traceability of the vaccine: at what level do you want to have visibility? Unit? Tank? Pallet? Order?
- A43. The LSP must have an IT system for the proficient recording and sharing of relevant logistics information such as vaccine location and temperature. The level of detail to which this information must be monitored and shared will be provided in the SOW.
- Q44. Commence work on December 15th. Can you explain what is expected at that date?
- A44. Work related to the execution of the vaccine logistics solution that is to commence on December 15, 2020, will be clearly outlined in the contract and statement of work.
- Q45. May we know where from overseas? What is the type of vaccine will we be transporting?
- A45. The frozen vaccine (-20°C) must be transported to Canada from its manufacturer in Europe. The city will be identified in the contract and statement of work.
- Q46. Where will the ultra-cold be transported from? Air or Ocean?
- A46. The frozen vaccine (-20°C) must be transported to Canada from its place of manufacturer in Europe. Transport will be via air. The ultra-cold (-80°C) vaccine will be shipped by the manufacture in the most expeditious manner to each point of administration.
- Q47. Does the LSP need to have the ability to transport all 3 types of vaccines? Ultra-cold, Frozen and Cold? Or, can we participate only transporting 2 of the 3?

- A47. PHAC is seeking one or more LSPs to deliver the end-to-end vaccine logistics solution in the cold, frozen and ultra-cold chains. The LSP is encouraged to collaborate or sub-contract with other business partners as necessary, to ensure all required services are delivered.
- Q48. Do you require the LSP to provide a temperature-controlled packing solution from the point of origin?
- A48. No. Vaccine manufacturers are responsible for the packaging of their products from the point of origin.
- Q49. What tracking will be required to be reported back to PHAC regarding the distribution and administration of vaccines after they have been delivered to the FPT?
- A49. This information will be determined by Health Canada.
- Q50. Will there be a requirement in terms of the number and location of warehouses in Canada?
- A50. No, but warehouses and distribution centres will be expected to distribute emergency orders for vaccines anywhere in Canada, including to remote and isolated communities, within 48 hours of receiving the order. Distribution by both road and air will be required.
- Q51. Knowing how much space each of the three vaccines types will require is extremely important. Will you be sharing vaccine product dimensions AND approximately monthly vaccine supply forecasts by month (2021 - 2022)?
- A51. Yes. Detailed information related to vaccine availability and storage requirements will be provided to the LSP as soon as possible.
- Q52. About the traceability of the vaccine along the supply chain: do you plan to deploy a centralized traceability platform where all participating logistic partners will share their real-time data?
- A52. We are seeking a track and trace solution from the LSP that covers the transportation, storage and distribution chains. All subcontractors to the LSP must also have track & trace capability. Monitoring data must be able to be shared with the National Operations Centre and other stakeholders.
- Q53. I know the goal is to have one provider that provides a complete array of products, but with the JV and possible collaborations, would it make sense to select a single provider that carrier or service provider agnostic to have all data in one platform. Might be quicker to roll out?
- A53. The LSP must have an IT system for the proficient recording and sharing of vaccine location and temperature control information. All proposed solutions will be considered.
- Q54. Is it safe to say that because the manufacturer of the ultra-cold vaccine is taking care of the distribution-that vaccine will be excluded from this bid?
- A54. No. The LSP may be required to assist with the distribution of dry ice in support of the ultra-cold vaccine.
- Q55. It will very difficult to provide the Point of Administration by Nov 15 when we don't know the target populations that the vaccine will be provided to.
- A55. PHAC and the FPT jurisdictions will determine the optimal allocation strategy for all vaccines based on manufacturer specifications and testing results, once confirmed.
- Q56. Will there be a passenger transportation component the contract?

A56. No.

Q57. Who is responsible for distribution and warehousing within FPTs?

A57. FPTs are responsible for vaccine management and distribution within their jurisdictions. They may require the assistance of the LSP in executing their vaccine logistics strategies.

Q58. Is this product classed as HAZ material?

A58. No.

Q59. Do you need to charter aircraft to get vaccine to Canada?

A59. The LSP will need to determine the most efficient method to deliver the frozen vaccine to Canada by air. The production and schedule of availability will be over the course of 2021, therefore multiple shipments are expected.

Q60. Will ultra-cold move by air?

A60. The ultra-cold (-80°C) vaccine will be delivered by the manufacturer to destination points in Canada by the method of its choosing. The LSP will be responsible to transport the frozen (-20°C) vaccine to Canada from Europe by air.

Q61. Can you clarify if the administration of the vaccine will be led by the Provinces/Territories and/or local health authorities?

A61. Vaccine administration is an FPT responsibility. They will determine their individual administration strategies.

Q62. So to be clear, this potential RFP is for transportation only and warehousing/distribution will be handled region by region?

A62. The LSP will be responsible for the storage and distribution of the cold vaccine. The LSP will be responsible for the transportation of the frozen vaccine from Europe to Canada, and for its storage and distribution in Canada. The LSP may be required to distribute dry ice in support of the ultra-cold vaccine.

Q63. How will the vaccines be packaged - will they be wrapped in thermally insulated materials?

A63. Vaccines will be packaged by their manufacturer for delivery. FPTs are responsible to manage the ultra-cold vaccine. The LSP will be responsible for the temperature-controlled management of the frozen and cold vaccines.

Q64. Which are the importing countries?

A64. Canada is the importing country for all vaccines.

Q65. Will the -20C vaccine be transported by ocean or air?

A65. Vaccine will be transported from Europe by air.

Q66. Are you looking for a single provider that will offer you warehousing, air lift, cold chain, and final mile?

- A66. PHAC is seeking one or more LSPs to deliver the end-to-end vaccine logistics solution in the cold, frozen and ultra-cold chains. The LSP is encouraged to collaborate or sub-contract with other business partners as necessary, to ensure all required services are delivered.
- Q67. You mention the manufacturer will deliver the -20C vaccine. Does this mean the international move as well?
- A67. The ultra-cold (-80°C) vaccine will be delivered by the manufacturer to destination points in FPT jurisdictions by the method of its choosing. The LSP will be responsible to transport the frozen (-20°C) vaccine to Canada from Europe by air.
- Q68. Will a small parcel courier company that only offers small parcel service be a good fit for program?
- A68. There may be a role for a small parcel courier company as a subcontractor that can distribute vaccine in a temperature-controlled environment.
- Q69. Dry ice temperature data loggers will be used to monitor the vaccines integrity from point of origin up to the vaccination center. Who will be in charge of the validation and managing the data?
- A69. The manufacturer will be responsibility for the integrity of the ultra-cold vaccine to the points of administration in jurisdictions. The LSP may be required to distribute dry ice to these sites of administration for the continued storage of this vaccine in the thermal shipping packs.
- Q70. Will the deep frozen vaccine be shipped from the manufacturer in packaging that can move directly to the point of administration (with only dry ice replenishment if necessary), or will it need to be repackaged from larger lots to final mile quantities?
- A70. Yes, the ultra-cold (-80°C) vaccine will be delivered by the manufacturer to destination points in FPT jurisdictions, in the quantities required at each destination.
- Q71. You've emphasized dry ice. Will you accept an alternative method that can guarantee the same or better temperature control, security and overall performance?
- A71. Dry ice must be used to maintain the temperature of the ultra-cold vaccine in the thermal pack only as per the recommendations from the manufacturer. The vaccine may alternatively be stored in an ultra-cold freezer to maintain the necessary -80°C temperature.
- Q72. Will we get an accurate forecast and schedule on all vaccines being available and where they are located and timelines? Will we get packaging details and cube and dimensions per lot, etc.?
- A72. Yes, the LSP will be provided with information necessary to plan and distribute orders to points of delivery. The manufacturers will provide packaging details and the dimensions of packaging and shipping containers.
- Q73. Do all warehouses require DEL? Will you providing short term licences?
- A73. The LSP must have a DEL to manage and distribute vaccines. Requests for waivers or temporary licenses must be referred to Health Canada.
- Q74. Can you give us some indication about your expectations regarding warehouse security?
- A74. Minimum security requirements for this work will be provided as soon as possible.
- Q75. Will vaccines coming from manufacturers have unique identifiers at a product unit level? At batch and lot levels?

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A75. Yes.

Q76. In any scenario does any definition of 'end-to-end' also include the actual administration (injection) of the vaccine?

A76. No.

Q77. Will you be able to provide estimated load values?

A77. Yes. The manufacturer will provide this information prior to the transportation of vaccines.

ANNEX B
Supplier Attendance List

Distribution MedSup Canada KPMG LLP	ATS Healthcare Nu-Quest Distribution Inc.	Right Service Right Choice WestJet, An Alberta Partnership
TForce Logistics Canada Inc.	BBE Expediting Ltd.	Shoppers Drug Mart Inc.
Fisher Scientific Inc.	2136284 Ontario Inc. (Wellington Motor Freight)	Challenger
CryoLogistics Refrigeration Technologies Ltd.	Aerus LLC	Ocean Transportation Services Freight Forwarding Inc.
Human Logistics Inc.	Cargojet Airways Ltd.	Federal Express Canada Corp.
Autolinx Express Inc.	Purolator Inc.	Bison Transport Inc
Total Quality Logistics	3130827 Canada Inc. (Canadian Pharmaceutical Distribution Network or CPDN)	Fuel Transport Inc.
BioScript Logistics Inc.	Bolloré Logistics Canada	Air Canada
Linehaul Logistics Inc.	McKesson Canada Corporation	ACS Air Charter Service (Canada) Corp.
Skelton Truck Lines Ltd.	OEC Overseas Express Consolidators (Montreal) Inc.	GTAGSM LTD.
Brink's Canada Limited	Innomar Strategies Inc.	SICPA Security Solutions Canada Corp.
Kohl & Frisch Limited	9139249 CANADA INC. DBA Bus.com	Pacer Air Freight
Thermo Fisher Scientific	9736140 Canada inc. DBA PASCAN Aviation	Bridgepoint Express Inc.
Xan Systems Inc.	Logistics Support Unit (LSU) Inc.	Shore Consulting Group Inc.
Accuristix	NORLEANS TECHNOLOGIES Inc.	DHL Global Forwarding (Canada), Inc.
Trans Expert Inc.	Eclipse Air Charter Inc.	18 Wheels Logistics Ltd.
Voyageur Aviation Corp.	Exploits Valley Air Services Ltd.	Kuehne + Nagel Ltd.
OPTEL GROUP	PAL Airlines Ltd.	RADIUS LOGISTICS
uniPHARM Wholesale Drugs Ltd.	PAL Aerospace Ltd.	TransX Ltd.
MHCare Medical Corp.	Air Borealis LP	Expeditors
Cryopak Industries ULC	Globco International Inc.	DHL Express Canada Ltd.
Expeditors International of Washington, Inc.	Bradley Air Services Limited	C.H. Robinson
Traffic Tech Inc.	HÉLI MISTRAL SERVICE INC	Total Logistics Control Inc.
Rees Scientific Corp.	UPS Healthcare	

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ANNEX C



Serving
GOVERNMENT,
serving
CANADIANS.

Au service du
GOUVERNEMENT,
au service des
CANADIENS.



Acquisitions Program / Programme des approvisionnements

Shaping Procurement Together - That's Smart

Façonner l'approvisionnement ensemble - c'est logique!

Vaccine Logistics Service Provider(s) Bidders' Conference

Fournisseur(s) de services logistiques ayant trait aux vaccins
Conférence des soumissionnaires

www.pspc-spac.gc.ca



Public Services and
Procurement Canada

Services publics et
Approvisionnement Canada

Canada

- ✓ **PSPC will lead the procurement process for this requirement**
- ✓ **Using an agile and phased approach**
 - May adjust as we progress through the process
- ✓ **National Security Exception invoked**
 - Allow flexibility to run a rapid process
 - Committed to ensuring process is as fair, open and transparent as possible

- ✓ **SPAC dirigera le processus d'approvisionnement pour ce besoin**
- ✓ **Utilisation d'une approche agile et progressive**
 - Rajustement possible à la lumière de notre progression liée au processus
- ✓ **Exception au titre de la sécurité nationale invoquée**
 - Permettre une certaine souplesse pour exécuter un processus rapide
 - Faire en sorte que le processus soit aussi équitable, ouvert et transparent que possible

- ✓ **Contract(s) award by November 23rd**
- ✓ **Next phase is Invitation to Qualify**
 - Pre-qualify suppliers who meet the criteria and have capacity to perform the work
 - Launch in coming days on BuyandSell

- ✓ **Attribution du ou des contrats d'ici le 23 novembre**
- ✓ **Prochaine étape: invitation à se qualifier (IQ)**
 - Présélection des fournisseurs qui répondent aux critères et qui ont la capacité d'effectuer les travaux
 - Lancement dans les prochains jours sur le site Achatsetventes

Tips / Conseils

- ✓ **Ensure responses are clear and well structured**
 - Phased Bid Compliance Process (TBD)
- ✓ **Collaboration between suppliers is encouraged**
 - Joint ventures will need to be formed by closing date of ITQ
- ✓ **Suppliers should be prepared to respond outside normal business hours**
- ✓ **Communicate only with generic inbox to ensure a timely response is received**

- ✓ **S'assurer que les réponses sont claires et bien structurées**
 - Processus de conformité des soumissions par étapes (à déterminer)
- ✓ **La collaboration entre les fournisseurs est encouragée**
 - Les coentreprises devront être créées au plus tard à la date de clôture de l'ITQ
- ✓ **Les fournisseurs doivent être prêts à répondre en dehors des heures normales de travail**
- ✓ **Communiquer uniquement au moyen de la boîte de réception générique pour s'assurer de recevoir une réponse en temps opportun**



Canada's COVID-19 Vaccine Logistics Strategy Public Health Agency of Canada

Stratégie canadienne de logistique relative au vaccin de la COVID-19

Agence de la santé publique du Canada

30 October 2020 / Le 30 octobre 2020



Vaccine Logistics Strategy / Stratégie logistique relative au vaccin

- Vaccines will arrive in Canada in a phased manner beginning early 2021, thru 2022;
 - Quantities are expected to increase in availability and frequency over time;
 - Some vaccines will be delivered directly by the manufacturer to Federal, Provincial and Territorial jurisdictions (FPTs);
 - FPTs are responsible for the distribution and administration of vaccines within their jurisdictions;
 - The FPTs may require additional capacity and support for vaccine management and distribution.
 - One vaccine must be picked up from the manufacturer overseas; and
 - Vaccine orders and taskings will be managed centrally at the National Operations Centre (NOC) in Ottawa.
- Les vaccins devraient arriver au Canada de manière progressive à partir du début de 2021, et ce, jusqu'en 2022;
 - La disponibilité et la quantité des livraisons devraient augmenter au fil du temps;
 - Certains vaccins doivent être livrés directement par le fabricant aux juridictions fédérales, provinciales et territoriales (FPT);
 - Les FPT sont responsables de la distribution et l'administration des vaccins dans leurs juridictions;
 - Les FPT auront peut-être besoin de moyens et d'un soutien supplémentaires pour la distribution.
 - Un vaccin devra être récupéré chez le fabricant à l'étranger; et
 - Les commandes de vaccins ainsi que les tâches associées seront gérées de manière centralisée au Centre national des opérations (CNO) à Ottawa.

Requirement / Besoin

- One or more Logistics Service Providers (LSP) to execute the COVID-19 vaccine logistics strategy;
 - The LSP will support the management and distribution of vaccines in the cold (2°C to 8°C), frozen (-20°C), and ultra cold (-80°C) controlled temperature environments; and
 - The successful LSP must be prepared to commence work on December 15, 2020.
- Un ou plusieurs fournisseurs de services logistiques (FSL) pour assurer la logistique du vaccin contre la COVID-19;
 - Les FSL soutiendront la distribution des vaccins présentant une gamme de températures allant de températures de réfrigération (2°C à 8°C), à la température de congélation (-20°C), jusqu'à la température ultra-froide (-80°C);
 - Le FSL retenu doit pouvoir débiter les travaux le 15 décembre 2020.

Vaccine Management and Handling / Gestion et Manipulation des vaccins

Ultra Cold (up to 20 million doses):

- Manufacturer will ship directly to points of administration within each jurisdiction;
- -80°C ultra cold temperature must be maintained with replenishments of dry ice upon arrival at each destination, and up to 2 times thereafter

Frozen (up to 56 million doses):

- -20°C frozen vaccine must be transported by lots, by the LSP from a foreign country to Canada;

Cold (up to 206 million doses):

- Remaining vaccines must be managed in the 2°C to 8°C cold chain at all times; and
- The LSP will have varying responsibilities for management and distribution to and within jurisdictions, including to remote communities, and Canadians serving abroad.

Ultra-froids (jusqu'à 20 millions de doses):

- Le fabricant expédiera directement aux points d'administration de chaque juridiction;
- La température ultra froide de -80°C devra être maintenue en réapprovisionnant la glace sèche à l'arrivée à destination, et jusqu'à 2 fois par la suite;

Congelés (jusqu'à 56 millions de doses):

- Le vaccin congelé à -20°C doit être transporté par le FSL d'un pays étranger vers le Canada;

Réfrigérés (jusqu'à 206 millions de doses):

- Les vaccins restants doivent être gérés dans la chaîne de froid de 2°C à 8°C en tout temps;
- Le FSL aura diverses responsabilités en matière de gestion et de distribution vers et à l'intérieur des juridictions, incluant les collectivités éloignées et les Canadiens en service à l'étranger.

Common Transportation and Distribution Requirements

- Safe and secure warehousing, storage, management, re-packaging, distribution, track & trace, and IT-enabled data-logging and sharing;
- Distribution by air and/or road as necessary to and across international, federal, provincial and territorial jurisdictions, including to remote and isolated communities, and to Canadians serving abroad;
 - Includes all import/export documentation, customs clearances, processes and arrangements;
- Maintenance and monitoring of temperature controls at all times;
- Contingency plans and capabilities at all stages; and
- Compliance with Food and Drug Regulations, and associated Good Manufacturing (GMP) and Good Distribution Practices (GDP).

Exigences en matière de transport et de distribution

- Entreposage, stockage, gestion, reconditionnement, distribution, suivi et traçabilité sûrs et sécurisés, et enregistrement et partage de données informatiques;
- Distribution par voie aérienne et / ou routière, au besoin, vers et entre les juridictions internationales, fédérales, provinciales et territoriales, y compris les collectivités éloignées et isolées, ainsi que les Canadiens en service à l'étranger;
 - Comprend tous les documents d'importation / exportation, les dédouanements, les processus et les arrangements associés;
- Maintien et surveillance en permanence des contrôles de la température;
- Des plans d'urgence et redondance des capacités à tous les stades;
- Le respect du *Règlement sur les aliments et drogues* et des bonnes pratiques de fabrication et de distribution.

Warehousing and Storage / Entreposage et stockage

- The LSP will require warehousing and infrastructure for the temperature-controlled storage and management of vaccines in the cold (2°C to 8°C), frozen (-20°C to -4°C), and ultra cold (-70°C to -94°C) environments;
- The LSP may be required to procure and manage dry ice in support of individual FPT logistics strategies for the ultra cold vaccine; and
- Longer term storage capacity for vaccines may be required.
- Le FSL nécessitera un accès à de l'infrastructure et des aires d'entreposage à température contrôlée pour la gestion des vaccins dans les environnements froids (de 2°C à 8°C), congelés (de -20°C à -4°C), et ultra-froids (de -70°C à -94°C);
- Le FSL peut être tenu de fournir et de faire la gestion de la glace sèche en soutien à la stratégie logistique des juridictions FPT individuelles du vaccin ultra froid; et
- Une capacité d'entreposage à plus long terme pour les vaccins peut être nécessaire.

Information Management / Gestion de l'information

Information management, security and data sharing are essential components of the vaccine management framework. Included are;

- Secure IT processes, systems and interfaces for the management and transfer of information and data for the control and distribution of vaccines; and
- The IT platforms and applications for effective real time inventory management, in-transit visibility, temperature control, and fleet and inventory tracking.

La gestion de l'information, la sécurité et le partage des données sont des éléments essentiels du cadre de gestion des vaccins. Ce qui inclut;

- Des processus, systèmes et interfaces informatiques sécurisés pour la gestion et le transfert d'information et de données pour le contrôle et la distribution des vaccins; et
- Des plates-formes et applications informatiques pour la gestion efficace d'inventaires en temps réel, la visibilité en transit, le contrôle de la température et le suivi de la flotte et des stocks.