



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Travaux publics et Services gouvernementaux
Canada

Place Bonaventure,
800 rue de la Gauchetière Ouest
Voir aux présentes - See herein
Montréal

Québec
H5A 1L6

FAX pour soumissions: (514) 496-3822

**SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Travaux publics et Services gouvernementaux Canada
Place Bonaventure, portail Sud-Oue
800, rue de La Gauchetière Ouest
7e étage, suite 7300
Montréal
Québec
H5A 1L6

Title - Sujet Modules interactifs «Boris Mobile»	
Solicitation No. - N° de l'invitation K2C94-181217/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client K2C94-18-1217	Date 2018-08-10
GETS Reference No. - N° de référence de SEAG PW-\$MTB-765-14972	
File No. - N° de dossier MTB-7-40414 (765)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-08-22	Time Zone Fuseau horaire Heure Avancée de l'Est HAE
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Carignan, Félix-A.	Buyer Id - Id de l'acheteur mtb765
Telephone No. - N° de téléphone (514) 496-3584 ()	FAX No. - N° de FAX (514) 496-3822
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

AMENDMENT 001

Project Title

Design and manufacture of six “Boris Mobile” travelling interactive exhibit unit

The above mentioned Request for Proposal(s) (RFP) is hereby amended as follows:

1- Grant an extension to the bid solicitation closing date:

The closing date for the aforementioned Request for proposal is **postponed to 22-08-2018, at 2:00 PM EDT.**

If you have already submitted your proposal but wish to reconsider it, please send your revised proposal in a sealed envelope to the address of the Bid Reception Unit before the new deadline.

You must indicate the Solicitation Number and new closing date on the sealed envelope.

2- Answer the following questions from potential bidders

Note to bidders: Please be sure to include any and all amendments of this Request for Proposal with your bid.

QUESTION 1 :

Do you have any images of the existing Display?/ Is it possible to get images of the existing exhibit?

ANSWER 1 :

No.

QUESTION 2 :

Can you give me more detail on what the definition for 3D is for this project?

ANSWER 2 :

Up to 4 inches depth, as stated in Annex A – REV1, criteria 3.1.3 of the TECHNICAL SPECIFICATIONS REQUIRED FOR THE MODULE and ANNEX « 1 » - REV 1 to PART 4 of the BID SOLICITATION of *TABLE OF MANDATORY TECHNICAL CRITERIA*, criteria 3.1.3, attached.

QUESTION 3 :

Can you give an idea of what and how the Lit Responses are displayed?

Example: I press a button beside a chemical and that button triggers a light on an organ, or the whole organ lights up, or a display screen is activated with text?

ANSWER 3 :

Press a button beside a chemical on the didactic panel and the whole organ or organs light up.

QUESTION 4 :

Is there a depth limit to be respected for silhouettes?

ANSWER 4 :

4 inches, as stated in Annex A – REV1, criteria 3.1.3 of the TECHNICAL SPECIFICATIONS REQUIRED FOR THE MODULE and ANNEX « 1 » - REV 1 to PART 4 of the BID SOLICITATION of *TABLE OF MANDATORY TECHNICAL CRITERIA*, criteria 3.1.3, attached.

QUESTION 5 :

Is there a finishing constraint for the back of the silhouettes?

ANSWER 5 :

Black solid color closed back, as stated in Annex A – REV1, criteria 3.6.3 of the TECHNICAL SPECIFICATIONS REQUIRED FOR THE MODULE and ANNEX « 1 » - REV 1 to PART 4 of the BID SOLICITATION of *TABLE OF MANDATORY TECHNICAL CRITERIA*, criteria 3.6.3, attached.

QUESTION 6 :

Do you have a visual reference or an example illustrating the "false 3D"?

ANSWER 6 :

No.

QUESTION 7 :

Is it only the silhouette must be removable in maximum 3 pieces and the didactic panel apart, or the silhouette and its didactic panel must be dismountable in 3 pieces maximum?

ANSWER 7 :

Yes, only the silhouette is removable in maximum 3 pieces.

QUESTION 8 :

Is there a maximum number of organs that will be requested?

ANSWER 8 :

The number of organs is 17, as stated in Annex A – REV1, criteria 3.5.1 of the TECHNICAL SPECIFICATIONS REQUIRED FOR THE MODULE and ANNEX « 1 » - REV 1 to PART 4 of the BID SOLICITATION of *TABLE OF MANDATORY TECHNICAL CRITERIA*, criteria 3.5.1, attached.

QUESTION 9 :

Does the didactic panel also have to be self-supporting or can / should be attached to a wall or floor?

ANSWER 9 :

The didactic panel have to be freestanding, as stated in Annex A – REV1, criteria 3.3.3 of the TECHNICAL SPECIFICATIONS REQUIRED FOR THE MODULE and ANNEX « 1 » - REV 1 to PART 4 of the BID SOLICITATION of *TABLE OF MANDATORY TECHNICAL CRITERIA*, criteria 3.3.3, attached.

QUESTION 10 :

This is the maximum weight when the case is empty? / Is there a weight limit for structures?

ANSWER 10 :

The maximum weight of transport case with his module is 35 kg, as stated in Annex A – REV1, criteria 3.8.4 of the TECHNICAL SPECIFICATIONS REQUIRED FOR THE MODULE and ANNEX « 1 » - REV 1 to PART 4 of the BID SOLICITATION of *TABLE OF MANDATORY TECHNICAL CRITERIA*, criteria 3.8.4, attached.

QUESTION 11 :

The protective cover must cover which piece (s)?

ANSWER 11 :

See Annex A – REV1, criteria 3.9.2 of the TECHNICAL SPECIFICATIONS REQUIRED FOR THE MODULE and ANNEX « 1 » - REV 1 to PART 4 of the BID SOLICITATION of *TABLE OF MANDATORY TECHNICAL CRITERIA*, criteria 3.9.2, attached.

QUESTION 12:

Which are the organs?

ANSWER 12:

The list will be given after contract award.

3- **Delete Annex A and replace with Annex A - REV1 attached:**

ANNEX A – REV 1

STATEMENT OF WORK

Design and manufacture of six “Boris Mobile” travelling interactive exhibit unit

1. CONTEXT

The Government of Canada’s environmental health program raises awareness among the general public, health professionals, NGOs, etc., at fairs and various other events across Canada. Therefore, we would like to develop a traveling, more compact model of an interactive exhibit unit on display at the Biosphere Environment Museum.

2. PURPOSE

To manufacture an interactive module that displays the harmful effects of certain chemicals on human health. The module is a fake 3D cross-section of a human silhouette, in the form of a vertical light box. Users interact through a didactic panel with buttons connected to lit-up responses on the human body. We would like to obtain six identical copies of the interactive module.

3. TECHNICAL SPECIFICATIONS REQUIRED FOR THE MODULE

	Where in your bid the information can be found?
Boris travelling unit (model of a human body), 6 copies	
3.1 Dimensions of each human body	
3.1.1 Height: 72 to 78 inches	
3.1.2 Width: 20 to 24 inches	
3.1.3 Depth: Fake 3D cross-section of up to 4 inches	
3.2 Assembly	
3.2.1 Can be disassembled into a maximum of three pieces	
3.2.2 Wiring and lights inside the module and not visible	
3.3 Specifications for each electrical panel	
3.3.1 Electrical didactic panel (1 per complete module)	
3.3.2 Maximum size of 4 square feet	
3.3.3 Wired or remotely connected freestanding panel	
3.3.4 Panel with 12 electrical buttons (1 per chemical)	

3.4 Lit-up responses on the human body	
3.4.1 One lit-up response per chemical (one response may affect various organs)	
3.5 Organs	
3.5.1 Number of organs: 17	
3.6 Structure	
3.6.1 Freestanding	
3.6.2 Fully stable on ground	
3.6.3 Black solid color closed back	
3.7 Acceptable manufacturing materials	
3.7.1 Aluminum, Plexiglas (Dibond-type) and Acrylic	
3.8 Transport case	
3.8.1 Individual padded transport case (1 per complete module)	
3.8.2 Maximum volume of 8 cubic feet	
3.8.3 30 inches maximum (height, width or depth)	
3.8.4 Total maximum weight of 35 kg including module	
3.8.5 Equipped with 4 wheels including two swivel and a handle	
3.9 Protective cover for transport wrapping	
3.9.1 Protective cover must be made with Carlite-type tear-resistant fabric; otherwise, submit data sheet demonstrating the fabric's tear resistance	
3.9.2 Must cover the entire mobile and the didactic panel	

4. DESCRIPTION OF DELIVERABLES AND MANDATE

The Contractor will:

- Manufacture 6 complete interactive modules;
- Provide the final manufacturing and design plans for approval (see timeline);
- Provide graphics for the human body and didactic panel with buttons;
- Take constraints and desired functionalities into account;
- Organize a workshop meeting for prototype testing and validation of mid-point module completion details;

- Provide and install all required electronic equipment and lighting systems;
- Make sure that the edges and surfaces are not sharp to the touch;
- Build the mobile precisely and have access to replaceable parts (bulbs, boutons); and
- Deliver a module installation demonstration at the Health Canada offices (1001 Saint-Laurent Street West, Longueuil) the week following delivery.

The Biosphere will provide:

- The list of 12 chemicals and associated responses;
- The introductory text on the panel with the buttons; and
- Identification of the bodily organs to be displayed.

5. TIMELINE FOR DELIVERABLES

Deliverables	Timeline	Payment
1. Submission of final design and technical plans	2 weeks after receipt of contract	20% of the total cost
2. Workshop visit for prototype testing	1 month after receipt of contract	
3. Delivery of 6 complete interactive modules and installation demonstration	No later than 2 months after receipt of contract	80% of the total cost
4. Assembly demonstration at Health Canada offices	No later than 1 week after delivery	

4- Delete ANNEX 1 to PART 4 of the BID SOLICITATION and replace ANNEX 1 – REV 1 to PART 4 of the BID SOLICITATION attached :

ANNEX 1 - REV 1 to PART 4 of the BID SOLICITATION

TABLE OF MANDATORY TECHNICAL CRITERIA

Boris Mobile (model of a human body), six copies	Compliant	Non-compliant	Where in your bid the information can be found?
3.1 Dimension of each human body			
3.1.1 Height: 72 to 78 inches			
3.1.2 Width: 20 to 24 inches			
3.1.3 Depth: Fake 3D cross-section cut of up to 4 inches			
3.2 Assembly			
3.2.1 Can be disassembled into a maximum of three pieces			
3.2.2 Wiring and lights inside the module and not visible			
3.3 Specifications for each electrical panel			
3.3.1 Electrical didactic panel (1 per complete module)			
3.3.2 Maximum size of 4 square feet			
3.3.3 Wired or remotely connected freestanding panel			
3.3.4 Panel with 12 electrical buttons (1 per chemical)			
3.4 Lit-up responses on the human body			
3.4.1 One lit-up response per chemical (one response may affect various organs)			
3.5 Organs			
3.5.1 Number of organs: 17			

Boris mobile (mobile mock-up of a human body), six copies	Compliant	Non-compliant	Where in your bid the information can be found
3.6 Structure			
3.6.1 Freestanding			
3.6.2 Fully stable on ground			
3.6.3 Black solid color closed			
3.7 Acceptable manufacturing materials			
3.7.1 Aluminum, Plexiglas (Dibond type) and Acrylic			
3.8 Transport case			
3.8.1 Individual padded transport case (1 per complete module)			
3.8.2 Maximum volume of 8 cubic feet			
3.8.3 30 inches maximum (height, width or depth)			
3.8.4 Total maximum weight of 35 kg including module			
3.8.5 Equipped with 4 wheels including two swivel and a			
3.9 Protective cover wrapping			
3.9.1 Protective cover must be made with Carlite-type tear-resistant fabric; otherwise, submit data sheet demonstrating the fabric's tear resistance			
3.9.2 Must cover the entire mobile and the didactic panel			

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.