



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Travaux publics et Services gouvernementaux  
Canada

Place Bonaventure,  
800 rue de la Gauchetière Ouest  
7e étage, Suite 7300

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,

800 rue de la Gauchetière Ouest

Voir aux présentes - See herein

Montréal

Québec

H5A 1L6

<b>Title - Sujet</b> Optometry equipment	
<b>Solicitation No. - N° de l'invitation</b> 21301-185095/B	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> 21301-18-5095	<b>Date</b> 2018-01-29
<b>GETS Reference No. - N° de référence de SEAG</b> PW-SMTA-309-14698	
<b>File No. - N° de dossier</b> MTA-7-40042 (309)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2018-02-05</b>	
<b>Time Zone</b> Fuseau horaire Heure Normale du l'Est HNE	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Paradis, Mary	<b>Buyer Id - Id de l'acheteur</b> mta309
<b>Telephone No. - N° de téléphone</b> (514) 702-8173 ( )	<b>FAX No. - N° de FAX</b> (514) 496-3822
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> SERVICE CORRECTIONNEL DU CANADA Établissement Drummondville 2025 rue Jean-de-Brebeuf Drummondville Québec J2B 7Z6 Canada	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

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

**THE ABOVE MENTIONED REQUEST FOR PROPOSAL HAS BEEN AMENDED AS FOLLOWS:**

**DELETE:**

**ANNEX "A"  
STATEMENT OF REQUIREMENT**

**1 Purpose**

The Correctional Services of Canada has a requirement for the supply, delivery, installation and training for their users of one (1) optometry suite for the following site and as detailed herein.

**Delivery site:**

Chief of Health Care services  
Drummond Institution  
2025 Jean-de-Brebeuf, Drummondville  
Québec J2B 7Z6

**2 Technical requirements**

**MINIMUM PERFORMANCE SPECIFICATIONS:**

The Optometry Suite must include the following:

<b>1-CRITÈRIA - Pneumatic Stool</b>
- Minimum 16 " diameter seat without backrest
- Height range : minimum height of 19 in up to 24 in and more
- Swivel 360 degrees
- 5 legs with casters
- Lift lever with pneumatic device

<b>2-CRITÈRIA - Power tilt chair</b>
- Finger and corded foot switch
- Auto return to low upright position
- Dual side operation with hinged armrests
- With a Hydraulic base or entirely electric without an hydraulic base.
- Minimum of 90 degrees swivel acceptable but ideally 180 degrees
- Footstep or footrest
- Adjustable headrest with lock
- Vinyl finish; or removable upholstery for cleaning; or anti viral fabric
- Seat minimum 20 in x 15 in
- Distance between armrests: of a minimum of 17 in
- Weight capacity of 300 pounds or more

<b>3- CRITÈRIA -Ophthalmic instrument stand</b>
- Wech-allyn type; or equivalent with recharching capacity and optometry chair compatibility
- Upper refractor arm with approximately 10" range of vertical travel and

that is able to support the total weight of the instruments. (total weight support capacity equal or higher than the total weight of the instruments on the arm.)
- Switch located on the console to control chart projector, chair control, lamp and binding posts.
- Adjustable overhead lamp.
- <u>2 possible options</u> for the slit lamp:
- <u>Option 1</u> ) could be supported by a Counterbalanced slit lamp arm with locking mechanism and approximated 12 "travel range that is able to support the total weight of all the instruments. Ideally between 12 to 80 pounds but 12 to 60 pounds would be accepted if the total weight of all the instruments is below 60 pounds.
- <u>Option 2</u> ) see point 7 slit lamp for details: either a slit lamp that must be fixed on a double table with the auto-refractor keratometer.
- The upper refractor arm and the counterbalanced slit lamp arm (if option 1 chosen) must be provided for ambidextrous operation (interchangeable from left to right and vice versa) and must also be compatible with the power tilt chair.

<b>4- CRITÈRIA -RÉFRACTEUR-phoroptor</b>
- Reichert ultramatic RX Master or equivalent with the same functions
- Auxiliary cylinders

<b>5. CRITERIA – Wall mounted LED Auto Projector OR wall mounted backlit screen.</b>
<b>IF WALL MOUNTED LED AUTO PROJECTOR</b>
- Auto-projector
- Remote control
- 2.5 to 6 m of refraction distance
- 1 illiterate chart included
- Bi-chromatic test or equivalent (red/green filter)
- Point cloud projection or equivalent

OR

<b>IF WALL MOUNTED BACKLIT SCREEN</b>
- Remote control.
- 2.5 to 6 m of refraction distance.
- 1 illiterate chart included.
- Bi-chromatic test or equivalent (red/green filter).
- Point cloud projection or equivalent.

<b>6- CRITERIA - Autorefractor/Keratometer</b>
- Wide measure range -25 to +22
- Smallest measurable pupil size of 2 mm
- Adjustable chin rest motorized or not
- Color LCD display
- Built in printer
- To be fixed on a single or double Ophthalmic table upon the option chosen for the slit lamp (see details at point 3 and 7).

## 7. Slit Lamp (2 possible options for the support/fixation)

### Fixation :

- option 1 on the counterbalanced arm for the slit lamp (see details at point 3).
- option 2 to be fixed on a double ophthalmic table with the auto-refractor keratometer (see details at point 3 and 7).

7- CRITERIA - Common criteria for the slit lamp
- magnification changer op to 40x.
- variable slit height and width.
- fixation light.
- Gallilean-type microscope or equivalent with the same functions and parameters.
- variable filters; minimally 1 green filter, 1 cobalt/blue filter and 1 heat-absorbing filter.
- Goldmann tonometer or equivalent with the same function with spare tips included.

## 8. Lensometer

2 possible operating options to be decided by the Chief of the Health care center. Present 1 model for each operating option. Only one of these models will be considered by the Chief of the Health care center.

Option 1: automatic operation.

Option 2: manual operation type marcolensmeter 101 or equivalent with the same function.

8-CRITERIA - Common criteria no matter type of operation (automatic or manual)
MEASUREMENT RANGE
- Spectacle and contact lens : -25,0 d to +25,0 d
- Cylinder : 0 d to +/-9,99 d
- Axis 0 degree to 180 degree
- ADD 0D to +/-9.99d
- Prism range 0-5 prism dipters (1.0 prism diopter steps) with up to 20 prism dipters by prism compensation or equivalent
- pd measurement 40mm*86mm by steps of 0.5mm
- Measurable lens diameter up to 100mm

8- Criteria to add if option 1 (automatic operation) is chosen :
- Measuring time of Min 0.13sec
- Display : LCD with light
- Built in printer
- Auto-detection for multi-focals lens

**9. Standard Ophthalmic Instrument Table x 2 models upon the choice made for the slit lamp.**

Option 1: simple ophthalmic table able to support the total weight of all the instruments (auto-refractor keratometer) if the slit lamp is to be fixed on a counterbalanced arm support adapted to the power tilt chair.

Option 2: double ophthalmic table able to support the total weight of all the instruments (slit lamp and auto-refractor keratometer) if the slit lamp is to be fixed on a double ophthalmic table (see details at point 3 and 7).

**NOTA:** Although there is an option requested, CSC , due to space constraints, will favor the smaller option.

**Please mention at Annex B – Basis of payment , which option you will be proposing.**

<b>9- COMMON CRITERIA FOR THE OPHTHALMIC TABLE NO MATTER THE SIZE (SINGLE OR DOUBLE) RELATED TO THE TYPE OF FIXATION/SUPPORT CHOSEN FOR THE SLIT LAMP).</b>
- Must be adjustable in height.
- Must be able to support the total weight of the instrument to be fixed on it.

<b>10. CRITERIA - DIRECT OPHTHALMOSCOPE KIT</b>
- 2 rechargeable hands compatible with the ophthalmic instrument stand.
- 1 retinoscope head.
- 1 transilluminator head.

<b>11. CRITERIA - 24 plates Ishihara test or equivalent</b>
- 24 plates Ishihara test or equivalent

<b>12. CRITERIA - Stereoscopy test</b>
- RANDOT or equivalent.
- 1 pair of 3D glasses- adult standard size.

<b>13. CRITERIA - Red filter</b>
- 1 red filter

<b>14. CRITERIA - Maddox stem</b>
- 1 Maddox stem

<b>15. CRITERIA - Pinhole occluder</b>
- 1 multiple pinhold occluder

<b>16. CRITERIA - Indirect and binocular ophthalmoscope</b>
- Indirect and binocular ophthalmoscope with rechargeable batteries included to the headset
- 1 adapted charger
- 2 rechargeable batteries adapted to the headset

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|------------------------|
| - 1 20d condenser lens |
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<b>17. CRITERIA - Condensing lens</b>
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|---------------------------------------|
| - 1 90d or equivalent condensing lens |
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<b>18. CRITERIA - 4 mirror gonio lens without hand nor flange</b>
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| - 1 x 4 mirror gonio lens without hand nor flange. |
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<b>19. CRITERIA - Training session</b>
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| - On-site post installation and technical service, of approximately two hours, for the demonstration on how to operate all purchased equipment. After the training, participants must have a good understanding of the operation, safety and maintenance of the purchased equipment. Training session must be provided at each delivery location. |
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<b>20. CRITERIA - Owner's manuals of all purchased items</b>
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|---|
| - Owner's manuals of each purchased equipment should be provided upon the existing available language between English and French only. (if available in French, French must be provided, if not, English will be accepted). |
|---|

<b>21. CRITERIA - All equipment must be conformed to Canadian manufacturing quality standards:</b>
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- |   |
|---|
| - Be CSA approved.  |
| - All equipment with an electrical component must use the electrical North-American standard in terms of volts or any other acknowledged electrical units of measure. |

**Note for criteria no. 21**

The tenderer, in his quote, must confirm in writing that all equipment proposed is CSA approved and that all equipment with an electrical component do use the electrical North-American standards (in term of volts or any other acknowledged electrical units of measure). A written wording including these two mentioned elements is expected.

This note applies to all equipment with an electric component.

**INSERT:**

**ANNEX "A"**  
**STATEMENT OF REQUIREMENT**

**1 Purpose**

The Correctional Services of Canada has a requirement for the supply, delivery, installation and training for their users of one (1) optometry suite for the following site and as detailed herein.

**Delivery site:**

Chief of Health Care services  
Drummond Institution  
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**2 Technical requirements**

**MINIMUM PERFORMANCE SPECIFICATIONS:**

The Optometry Suite must include the following:

<b>1-CRITÈRIA - Pneumatic Stool</b>
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- |   |
|---|
| - Minimum 16 " diameter seat without backrest                 |
| - Height range : minimum height of 19 in up to 24 in and more |
| - Swivel 360 degrees  |
| - 5 legs with casters   |
| - Lift lever with pneumatic device                            |

<b>2-CRITÈRIA - Power tilt chair</b>
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| - Finger and corded foot switch  |
| - Auto return to low upright position                                      |
| - Dual side operation with hinged armrests                                 |
| - With a Hydraulic base or entirely electric without an hydraulic base.    |
| - Minimum of 90 degrees swivel acceptable but ideally 180 degrees          |
| - Footstep or footrest   |
| - Adjustable headrest with lock  |
| - Vinyl finish; or removable upholstery for cleaning; or anti viral fabric |
| - Seat minimum 20 in x 15 in   |
| - Distance between armrests: of a minimum of 17 in                         |
| - Weight capacity of 300 pounds or more                                    |

<b>3- CRITÈRIA -Ophthalmic instrument stand</b>
---

- |   |
|---|
| - Wech-allyn type; or equivalent with recharching capacity and optometry chair compatibility  |
| - Upper refractor arm with approximately 10" range of vertical travel and that is able to support the total weight of the instruments. (total weight support capacity equal or higher than the total weight of the instruments on the arm.) |
| - Switch located on the console to control chart projector, chair control,  |

lamp and binding posts.
- Adjustable overhead lamp.
- <u>2 possible options</u> for the slit lamp:
- <u>Option 1</u> ) could be supported by a Counterbalanced slit lamp arm with locking mechanism and approximated 12 "travel range that is able to support the total weight of all the instruments. Ideally between 12 to 80 pounds but 12 to 60 pounds would be accepted if the total weight of all the instruments is below 60 pounds.
- <u>Option 2</u> ) see point 7 slit lamp for details: either a slit lamp that must be fixed on a double table with the auto-refractor keratometer.
- The upper refractor arm and the counterbalanced slit lamp arm (if option 1 chosen) must be provided for ambidextrous operation (interchangeable from left to right and vice versa) and must also be compatible with the power tilt chair.

<b>4- CRITÈRIA -RÉFRACTEUR-phoroptor</b>
- Reichert ultramatic RX Master or equivalent with the same functions
- Auxiliary cylinders

<b>5. CRITERIA – Wall mounted LED Auto Projector OR wall mounted backlit screen.</b>
<b>IF WALL MOUNTED LED AUTO PROJECTOR</b>
- Auto-projector
- Remote control
- 2.5 to 6 m of refraction distance
- 1 illiterate chart included
- Bi-chromatic test or equivalent (red/green filter)
- Point cloud projection or equivalent

OR

<b>IF WALL MOUNTED BACKLIT SCREEN</b>
- Remote control.
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- 1 illiterate chart included.
- Bi-chromatic test or equivalent (red/green filter).
- Point cloud projection or equivalent.

<b>6- CRITERIA - Autorefractor/Keratometer</b>
- Wide measure range -25 to +22
- Smallest measurable pupil size of 2 mm
- Adjustable chin rest motorized or not
- Color LCD display
- Built in printer
- To be fixed on a single or double Ophthalmic table upon the option chosen for the slit lamp (see details at point 3 and 7).



## 7. Slit Lamp (2 possible options for the support/fixation)

### Fixation :

- option 1 on the counterbalanced arm for the slit lamp (see details at point 3).
- option 2 to be fixed on a double ophthalmic table with the auto-refractor keratometer (see details at point 3 and 7).

7- CRITERIA - Common criteria for the slit lamp
- magnification changer up to 40x.
- variable slit height and width.
- fixation light.
- Gallilean-type microscope or equivalent with the same functions and parameters.
- variable filters; minimally 1 green filter, 1 cobalt/blue filter and 1 heat-absorbing filter.
- Goldmann tonometer or equivalent with the same function with spare tips included.

## 8. Lensometer

2 possible operating options to be decided by the Chief of the Health care center. Present 1 model for each operating option. Only one of these models will be considered by the Chief of the Health care center.

Option 1: automatic operation.

Option 2: manual operation type marcolensmeter 101 or equivalent with the same function.

8-CRITERIA - Common criteria no matter type of operation (automatic or manual)
MEASUREMENT RANGE
- Spectacle and contact lens : -25,0 d to +25,0 d or -20.0 d to + 20.0 d (for a manual model)
- Cylinder : 0 d to +/-9,99 d
- Axis 0 degree to 180 degree
- ADD 0D to +/-9.99d
- Prism range 0-5 prism dipters (1.0 prism diopter steps) with up to 20 prism diopters by prism compensation or equivalent
- pd measurement 40mm*86mm by steps of 0.5mm
- Measurable lens diameter up to 100mm

8- Criteria to add if option 1 (automatic operation) is chosen :
- Measuring time of Min 0.13sec
- Display : LCD with light
- Built in printer
- Auto-detection for multi-focals lens

**9. Standard Ophthalmic Instrument Table x 2 models upon the choice made for the slit lamp.**

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**NOTA:** Although there is an option requested, CSC , due to space constraints, will favor the smaller option.

**Please mention at Annex B – Basis of payment , which option you will be proposing.**

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- Must be adjustable in height.
- Must be able to support the total weight of the instrument to be fixed on it.

**10. CRITERIA - DIRECT OPHTHALMOSCOPE KIT**

- 2 rechargeable hands compatible with the ophthalmic instrument stand.
- 1 retinoscope head.
- 1 transilluminator head.

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- 24 plates Ishihara test or equivalent

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- RANDOT or equivalent.
- 1 pair of 3D glasses- adult standard size.

**13. CRITERIA - Red filter**

- 1 red filter

**14. CRITERIA - Maddox stem**

- 1 Maddox stem

**15. CRITERIA - Pinhole occluder**

- 1 multiple pinhole occluder

**16. CRITERIA - Indirect and binocular ophthalmoscope**

- Indirect and binocular ophthalmoscope with rechargeable batteries included to the headset
- 1 adapted charger
- 2 rechargeable batteries adapted to the headset
- 1 20d condenser lens

<b>17. CRITERIA - Condensing lens</b>
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- |                                       |
|---------------------------------------|
| - 1 90d or equivalent condensing lens |
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<b>18. CRITERIA - 4 mirror gonio lens without hand nor flange</b>
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| - 1 x 4 mirror gonio lens without hand nor flange. |
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| - Be CSA approved.  |
| - All equipment with an electrical component must use the electrical North-American standard in terms of volts or any other acknowledged electrical units of measure. |

**Note for criteria no. 21**

The tenderer, in his quote, must confirm in writing that all equipment proposed is CSA approved and that all equipment with an electrical component do use the electrical North-American standards (in term of volts or any other acknowledged electrical units of measure). A written wording including these two mentioned elements is expected.

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**DELETE:**

**ANNEX "C"**  
**MANDATORY TECHNICAL EVALUATION CRITERIA**

**TO BE COMPLETED BY SUPPLIERS - AT CLOSING DATE AND HOUR OF SOLICITATION:**

The information that figures in this table must be duly completed and submitted **at the closing date and hour of the solicitation**

The proposals must cover all the subjects indicated in the sections below mentioned in order to be considered.

In order to explain and demonstrate how the supplier meets the requirements of the bid, the suppliers must attach to their bid, a copy of the complete specifications and descriptive literature (Technical documents such as data sheets, user manual or other) of the products being offered.

Except criterias 19, 20 and 21 on this Annex C. The supplier must respond with a written text.

If a supplier is unable to demonstrate that their products meet the performance criteria mentioned below, this will render their bid non-compliant.

Canada will only evaluate the documents that are sent along with the bids submitted by the supplier.

Canada will not evaluate information that is on a web site address where supplementary information can be found. Neither will it evaluate instruction manuals or technical brochures that are not sent with the bid.

Only the proposals which meet the mandatory criteria will be subject to the financial evaluation. **The proposals that fail to meet all these conditions will be rejected.**

**1. Mandatory Technical Specifications:**

The Correctional services of Canada wish to acquire an optometry suite in accordance to the mandatory technical specifications listed.

Criteria and description	Specify the area in the bid document or in the technical documents that describes the mandatory specifications needed.
<b>1-CRITÉRIA - Pneumatic Stool</b>	
- Minimum 16 " diameter seat without backrest	
- Height range : minimum height of 19 in up to 24 in and more	
- Swivel 360 degrees	
- 5 legs with casters	
- Lift lever with pneumatic device	

<b>2-CRITÉRIA - Power tilt chair</b>	
- Finger and corded foot switch	
- Auto return to low upright position	
- Dual side operation with hinged armrests	

- With a Hydraulic base or entirely electric without a Hydraulic base.	
- Minimum of 90 degrees swivel acceptable but ideally 180 degrees	
- Footstep or footrest	
- Adjustable headrest with lock	
- Vinyl finish; or removable upholstery for cleaning; or anti viral fabric	
- Seat minimum 20 in x 15 in	
- Distance between armrests: of a minimum of 17 in	
- Weight capacity of 300 pounds or more	

<b>3- CRITÈRIA -Ophthalmic instrument stand</b>	
- Wech-allyn type; or equivalent with recharching capacity and optometry chair compatibility	
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- Switch located on the console to control chart projector, chair control, lamp and binding posts.	
- Adjustable overhead lamp.	
- 2 possible options for the slit lamp: - <u>Option 1</u> ) could be supported by a Counterbalanced slit lamp arm with locking mechanism and approximated 12 "travel range that is able to support the total weight of all the instruments. Ideally between 12 to 80 pounds but 12 to 60 pounds would be accepted if the total weight of all the instruments is below 60 pounds. - <u>Option 2</u> ) see point 7 slit lamp for details: either a slit lamp that must be fixed on a double table with the auto-refractor keratometer.	
- The upper refractor arm and the counterbalanced slit lamp arm (if option 1 chosen) must be provided for ambidextrous operation (interchangeable from left to right and vice versa) and must also be compatible with the power tilt chair.	

<b>4- CRITÈRIA -RÉFRACTEUR-phoropter</b>	
- Reichert ultramatic RX Master or equivalent with the same functions	
- Auxiliary cylinders	

<b>5. CRITERIA – Wall mounted LED Auto Projector OR wall mounted backlit screen.</b>	
<b>IF WALL MOUNTED LED AUTO PROJECTOR</b>	
- Auto-projector	
- Remote control	
- 2.5 to 6 m of refraction distance	
- 1 illiterate chart included	

- Bi-chromatic test or equivalent (red/green filter)	
- Point cloud projection or equivalent	

OR

<b>IF WALL MOUNTED BACKLIT SCREEN</b>	
- Remote control.	
- 2.5 to 6 m of refraction distance.	
- 1 illiterate chart included.	
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<b>6- CRITERIA - Autorefractor/Keratometer</b>	
- Wide measure range -25 to +22	
- Smallest measurable pupil size of 2 mm	
- Adjustable chin rest motorized or not	
- Color LCD display	
- Built in printer	
- To be fixed on a single or double Ophthalmic table upon the option chosen for the slit lamp (see details at point 3 and 7).	

## 7. Slit Lamp (2 possible options for the support/fixation)

### Fixation :

- Option 1 on the counterbalanced arm for the slit lamp (see details at point 3)
- Option 2 to be fixed on a double ophthalmic table with the auto-refractor keratometer (see details at point 3 and 7)

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<b>8-CRITÉRIA - Common criteria no matter type of operation (automatic or manual)</b>	
<b>MEASUREMENT RANGE</b>	
- Spectacle and contact lens : -25,0 d to +25,0 d	
- Cylinder : 0 d to +/-9,99 d	
- Axis 0 degree to 180 degree	
- Add 0D to +/-9.99d	
- Prism range 0-5 prism dipters (1.0 prism diopter steps) with up to 20 prism dipters by prism compensation or equivalent	
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- Must be adjustable in height.	
- Must be able to support the total weight of the instrument to be fixed on it.	

<b>10. CRITERIA - DIRECT OPHTHALMOSCOPE KIT</b>	
- 2 rechargeable hands compatible with the ophthalmic instrument stand.	
- 1 retinoscope head.	
- 1 transilluminator head.	

<b>11. CRITERIA - 24 plates Ishihara test or equivalent</b>	
- 24 plates Ishihara test or equivalent	
<b>12. CRITERIA - Stereoscopy test</b>	
- RANDOT or equivalent.	
- 1 pair of 3D glasses- adult standard size.	
<b>13. CRITERIA - Red filter</b>	
- 1 red filter	
<b>14. CRITERIA - Maddox stem</b>	
- 1 Maddox stem	
<b>15. CRITERIA - Pinhole occluder</b>	
- 1 multiple pinhole occluder	
<b>16. CRITERIA - Indirect and binocular ophthalmoscope</b>	
- Indirect and binocular ophthalmoscope with rechargeable batteries included to the headset	
- 1 adapted charger	
- 2 rechargeable batteries adapted to the headset	
- 1 20d condenser lens	
<b>17. CRITERIA - Condensing lens</b>	
- 1 90d or equivalent condensing lens	
<b>18. CRITERIA - 4 mirror gonio lens without hand nor flange</b>	
- 1 x 4 mirror gonio lens without hand nor flange.	
	<b>Except for criterias 19, 20 and 21, the supplier must respond with a written text.</b>
<b>19. CRITERIA - Training session</b>	
- On-site post installation and technical service, of approximately two hours, for the demonstration on how to operate all purchased equipment. After the training, participants must have a good understanding of the operation, safety and maintenance of the purchased equipment. Training session must be provided at each delivery location.	<p>Please confirm if this will be met.</p> <p>-----</p>



<b>20. CRITERIA - Owner's manuals of all purchased items</b>	
<ul style="list-style-type: none"><li>- Owner's manuals of each purchased equipment should be provided upon the existing available language between English and French only. (If available in French, French must be provided, if not, English will be accepted).</li></ul>	Please confirm if this will be met.  -----

<b>21. * CRITERIA - All equipment must be conformed to Canadian manufacturing quality standards:</b>	
<ul style="list-style-type: none"><li>- Be CSA approved.</li></ul>	Please confirm if this will be met.  -----
<ul style="list-style-type: none"><li>- All equipment with an electrical component must use the electrical North-American standard in terms of volts or any other acknowledged electrical units of measure.</li></ul>	Please confirm if this will be met.  -----

**\* Note for criteria no. 21**

The tenderer, in his quote, must confirm in writing that all equipment proposed is CSA approved and that all equipment with an electrical component do use the electrical North-American standards (in term of volts or any other acknowledged electrical units of measure). A written wording including these two mentioned elements is expected.

This note applies to all equipment with an electric component.

**INSERT:**

**ANNEX "C"**  
**MANDATORY TECHNICAL EVALUATION CRITERIA**

**TO BE COMPLETED BY SUPPLIERS - AT CLOSING DATE AND HOUR OF SOLICITATION:**

The information that figures in this table must be duly completed and submitted **at the closing date and hour of the solicitation**

The proposals must cover all the subjects indicated in the sections below mentioned in order to be considered.

In order to explain and demonstrate how the supplier meets the requirements of the bid, the suppliers must attach to their bid, a copy of the complete specifications and descriptive literature (Technical documents such as data sheets, user manual or other) of the products being offered.

Except criterias 19, 20 and 21 on this Annex C. The supplier must respond with a written text.

If a supplier is unable to demonstrate that their products meet the performance criteria mentioned below, this will render their bid non-compliant.

Canada will only evaluate the documents that are sent along with the bids submitted by the supplier.

Canada will not evaluate information that is on a web site address where supplementary information can be found. Neither will it evaluate instruction manuals or technical brochures that are not sent with the bid.

Only the proposals which meet the mandatory criteria will be subject to the financial evaluation. **The proposals that fail to meet all these conditions will be rejected.**

**2. Mandatory Technical Specifications:**

The Correctional services of Canada wish to acquire an optometry suite in accordance to the mandatory technical specifications listed.

Criteria and description	Specify the area in the bid document or in the technical documents that describes the mandatory specifications needed.
<b>1-CRITÈRIA - Pneumatic Stool</b>	
- Minimum 16 " diameter seat without backrest	
- Height range : minimum height of 19 in up to 24 in and more	
- Swivel 360 degrees	
- 5 legs with casters	
- Lift lever with pneumatic device	

<b>2-CRITÈRIA - Power tilt chair</b>	
- Finger and corded foot switch	
- Auto return to low upright position	
- Dual side operation with hinged armrests	

- With a Hydraulic base or entirely electric without a Hydraulic base.	
- Minimum of 90 degrees swivel acceptable but ideally 180 degrees	
- Footstep or footrest	
- Adjustable headrest with lock	
- Vinyl finish; or removable upholstery for cleaning; or anti viral fabric	
- Seat minimum 20 in x 15 in	
- Distance between armrests: of a minimum of 17 in	
- Weight capacity of 300 pounds or more	

<b>3- CRITÈRIA -Ophthalmic instrument stand</b>	
- Wech-allyn type; or equivalent with recharching capacity and optometry chair compatibility	
- Upper refractor arm with approximately 10" range of vertical travel and that is able to support the total weight of the instruments. (total weight support capacity equal or higher than the total weight of the instruments on the arm.)	
- Switch located on the console to control chart projector, chair control, lamp and binding posts.	
- Adjustable overhead lamp.	
- 2 possible options for the slit lamp: - <u>Option 1</u> ) could be supported by a Counterbalanced slit lamp arm with locking mechanism and approximated 12 "travel range that is able to support the total weight of all the instruments. Ideally between 12 to 80 pounds but 12 to 60 pounds would be accepted if the total weight of all the instruments is below 60 pounds. - <u>Option 2</u> ) see point 7 slit lamp for details: either a slit lamp that must be fixed on a double table with the auto-refractor keratometer.	
- The upper refractor arm and the counterbalanced slit lamp arm (if option 1 chosen) must be provided for ambidextrous operation (interchangeable from left to right and vice versa) and must also be compatible with the power tilt chair.	

<b>4- CRITÈRIA -RÉFRACTEUR-phoropter</b>	
- Reichert ultramatic RX Master or equivalent with the same functions	
- Auxiliary cylinders	

<b>5. CRITERIA – Wall mounted LED Auto Projector OR wall mounted backlit screen.</b>	
<b>IF WALL MOUNTED LED AUTO PROJECTOR</b>	
- Auto-projector	
- Remote control	
- 2.5 to 6 m of refraction distance	
- 1 illiterate chart included	

- Bi-chromatic test or equivalent (red/green filter)	
- Point cloud projection or equivalent	

OR

<b>IF WALL MOUNTED BACKLIT SCREEN</b>	
- Remote control.	
- 2.5 to 6 m of refraction distance.	
- 1 illiterate chart included.	
- Bi-chromatic test or equivalent (red/green filter).	
- Point cloud projection or equivalent.	

<b>6- CRITERIA - Autorefractor/Keratometer</b>	
- Wide measure range -25 to +22	
- Smallest measurable pupil size of 2 mm	
- Adjustable chin rest motorized or not	
- Color LCD display	
- Built in printer	
- To be fixed on a single or double Ophthalmic table upon the option chosen for the slit lamp (see details at point 3 and 7).	

## 7. Slit Lamp (2 possible options for the support/fixation)

### Fixation :

- Option 1 on the counterbalanced arm for the slit lamp (see details at point 3)
- Option 2 to be fixed on a double ophthalmic table with the auto-refractor keratometer (see details at point 3 and 7)

<b>7- CRITERIA - Common criteria for the slit lamp</b>	
- magnification changer op to 40x.	
- variable slit height and width.	
- fixation light.	
- Gallilean-type microscope or equivalent with the same functions and parameters.	
- variable filters; minimally 1 green filter, 1 cobalt/blue filter and 1 heat-absorbing filter.	
- Goldmann tonometer or equivalent with the same function with spare tips included.	

## 8. Lensometer

2 possible operating options to be decided by the Chief of the Health care center. Present 1 model for each operating option. Only one of these models will be considered by the Chief of the Health care center.

Option 1: automatic operation.

Option 2: manual operation type marcolensmeter 101 or equivalent with the same function.

<b>8-CRITÉRIA - Common criteria no matter type of operation (automatic or manual)</b>	
<b>MEASUREMENT RANGE</b>	
- Spectacle and contact lens : -25,0 d to +25,0 d or -20.0 d to + 20.0 d (for a manual model)	
- Cylinder : 0 d to +/-9,99 d	
- Axis 0 degree to 180 degree	
- Add 0D to +/-9.99d	
- Prism range 0-5 prism dipters (1.0 prism diopter steps) with up to 20 prism dipters by prism compensation or equivalent	
- pd measurement 40mm*86mm by steps of 0.5mm	
- Measurable lens diameter up to 100mm	

<b>8- Criteria to add if option 1 (automatic operation) is chosen :</b>	
- Measuring time of Min 0.13sec	
- Display : LCD with light	
- Built in printer	
- Auto-detection for multi-focals lens	

#### 9. Standard Ophthalmic Instrument Table x 2 models upon the choice made for the slit lamp.

Option 1: simple ophthalmic table able to support the total weight of all the instruments (auto-refractor keratometer) if the slit lamp is to be fixed on a counterbalanced arm support adapted to the power tilt chair.

Option 2: double ophthalmic table able to support the total weight of all the instruments (slit lamp and auto-refractor keratometer) if the slit lamp is to be fixed on a double ophthalmic table (see details at point 3 and 7).

**NOTA:** Although there is an option requested, CSC, due to space constraints, will favor the smaller option.

Please mention at Annex B – Basis of payment, which option you will be proposing.

<b>9- COMMON CRITERIA FOR THE OPHTHALMIC TABLE NO MATTER THE SIZE (SINGLE OR DOUBLE) RELATED TO THE TYPE OF FIXATION/SUPPORT CHOSEN FOR THE SLIT LAMP).</b>	
- Must be adjustable in height.	
- Must be able to support the total weight of the instrument to be fixed on it.	

<b>10. CRITERIA - DIRECT OPHTHALMOSCOPE KIT</b>	
- 2 rechargeable hands compatible with the ophthalmic instrument stand.	
- 1 retinoscope head.	

- 1 transilluminator head.	
<b>11. CRITERIA - 24 plates Ishihara test or equivalent</b>	
- 24 plates Ishihara test or equivalent	
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This note applies to all equipment with an electric component.

- All other terms and conditions remain the same.