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Bid Receiving Public Works and Government
Services Canada/Réception des soumissions/Travaux
publics et Services gouvernementaux Canada
See herein for bid submission
instructions/

Voir la présente pour les
instructions sur la présentation
d'une soumission

NA

Manitoba

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

Public Works and Government Services Canada -
Western Region
Victory Building/Édifice Victory
Room 310/pièce 310
269 Main Street/269 rue Main
Winnipeg
Manitoba
R3C 1B3

Title - Sujet Ergonomic Dispatch Workstations	
Solicitation No. - N° de l'invitation M5000-220274/A	Amendment No. - N° modif. 006
Client Reference No. - N° de référence du client M5000-220274	Date 2021-10-21
GETS Reference No. - N° de référence de SEAG PW-\$WPG-006-11247	
File No. - N° de dossier WPG-1-44026 (006)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Central Daylight Saving Time CDT on - le 2021-11-03 Heure Avancée du Centre HAC	
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: Graham, Danielle	Buyer Id - Id de l'acheteur wpg006
Telephone No. - N° de téléphone (204) 292-2872 ()	FAX No. - N° de FAX (418) 566-6167
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

This **amendment # 006** is raised to modify **solicitation # M5000-210756/A** as follows:

**REVISED CLOSING DATE OF:
02:00 PM CDT on 2021-11-03**

1. Reference 1.2 Summary and amend as follows:

DELETE:

1.2 Summary

RCMP 'K' Division Operational Communication Centre has a requirement to dismantle, remove and install thirty-seven (37) new dispatch workstations in their offices located in Edmonton and Red Deer.

The Federal Contractors Program (FCP) for employment equity applies to this procurement; refer to Part 5 – Certifications and Additional Information, Part 7 - Resulting Contract Clauses and the annex titled Federal Contractors Program for Employment Equity - Certification.

This bid solicitation uses the epost Connect service provided by Canada Post Corporation to transmit their bid electronically. Bidders must refer to Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation, for further information.

INSERT:

1.2 Summary

RCMP 'K' Division Operational Communication Centre has a requirement to dismantle, remove and install thirty-seven (37) new dispatch workstations in their offices located in Edmonton and Red Deer.

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This bid solicitation uses the epost Connect service provided by Canada Post Corporation to transmit their bid electronically. Bidders must refer to Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation, for further information.

This requirement is subject to the COVID-19 Vaccination Policy for Supplier Personnel. Failure to complete and provide the COVID-19 Vaccination Requirement Certification as part of the bid will render the bid non-responsive.

2. Reference solicitation PART 2 - BIDDER INSTRUCTIONS and amend as follows:

INSERT:

2.8 *NEW* COVID-19 vaccination requirement

This requirement is subject to the COVID-19 Vaccination Policy for Supplier Personnel. Failure to complete and provide the COVID-19 Vaccination Requirement Certification **as part of the bid** will render the bid non-responsive.

3. Reference solicitation Section 5 PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION and amend as follows:

INSERT:

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

Bidders must provide the required certifications and additional information to be awarded a contract.

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue, whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract.

5.1 Certifications Required with the Bid

Bidders must submit the following duly completed certifications as part of their bid.

5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, **if applicable**, the Integrity declaration form available on the [Forms for the Integrity Regime](http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

5.1.2 Additional Certifications Required with the Bid

5.1.2.1 COVID-19 vaccination requirement certification

In accordance with the COVID-19 Vaccination Policy for Supplier Personnel, all Bidders **must provide with their bid**, the COVID-19 Vaccination Requirement Certification attached to this bid solicitation, to be given further consideration in this procurement process. This Certification incorporated into the bid solicitation on its closing date is incorporated into, and forms a binding part of any resulting Contract.

COVID-19 Vaccination Requirement Certification

I, _____ (*first and last name*), as the representative of
_____ (*name of business*) pursuant to
_____ (*insert solicitation number*), warrant and certify that all
personnel that _____ (*name of business*) will provide on the
resulting Contract who access federal government workplaces where they may come into contact with
public servants will be:

- (a) fully vaccinated against COVID-19 with Health Canada-approved COVID-19 vaccine(s); or
- (b) for personnel that are unable to be vaccinated due to a certified medical contraindication, religion or other prohibited grounds of discrimination under the *Canadian Human Rights Act*, subject to accommodation and mitigation measures that have been presented to and approved by Canada; until such time that Canada indicates that the vaccination requirements of the COVID-19 Vaccination Policy for Supplier Personnel are no longer in effect.

I certify that all personnel provided by _____ (*name of business*) have been notified of the vaccination requirements of the Government of Canada's COVID-19 Vaccination Policy for Supplier Personnel, and that the _____ (*name of business*) has certified to their compliance with this requirement.

I certify that the information provided is true as of the date indicated below and will continue to be true for the duration of the Contract. I understand that the certifications provided to Canada are subject to verification at all times. I also understand that Canada will declare a contractor in default, if a certification is found to be untrue, whether made knowingly or unknowingly, during the bid or contract period. Canada reserves the right to ask for additional information to verify the certifications. Failure to comply with any request or requirement imposed by Canada will constitute a default under the Contract.

Signature: _____

Date: _____

Optional

For data purposes only, initial below if your business already has its own mandatory vaccination policy or requirements for employees in place. Initialing below **is not** a substitute for completing the mandatory certification above.

Initials: _____

Information you provide on this Certification Form and in accordance with the Government of Canada's COVID-19 Vaccination Policy for Supplier Personnel will be protected, used, stored and disclosed in accordance with the Privacy Act. Please note that you have a right to access and correct any information on your file, and you have a right to file a complaint with the Office of the Privacy Commissioner regarding the handling of your personal information. These rights also apply to all individuals who are deemed to be personnel for the purpose for the Contract and who require access to federal government workplaces where they may come into contact with public servants.

5.2 Certifications Precedent to Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame specified will render the bid non-responsive.

5.2.1 Integrity Provisions – Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real property agreement of the [Ineligibility and Suspension Policy \(http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html\)](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#) website (https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#).

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "FCP Limited Eligibility to Bid list at the time of contract award.

Canada will also have the right to terminate the Contract for default if a Contractor, or any member of the Contractor if the Contractor is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list during the period of the Contract.

The Bidder must provide the Contracting Authority with a completed annex titled Federal Contractors Program for Employment Equity - Certification, before contract award. If the Bidder is a Joint Venture, the Bidder must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification, for each member of the Joint Venture.

Questions:

Q1: *Ref. 3.2.2.7 Enviromental Control System*

b) Heating and Ventilation

ii. Fans – the workstation shall have incremental control of up to four fans (fans controlled as one unit). The fans shall be protected to prevent obstruction by foreign objects.

Most industry standards enviroment systems only use 2 fans, 4 fans seems excessive. Will 2 fans be sufficient?

A1: Two (2) fans will be accepted, however, the control of up to four (4) fans will be preferred and added to the point rated criteria list.

DELETE Specification 3.2.2.7 a) i, b) ii, d) iii.

INSERT

3.2.2.7 Environmental Control

a) Touch screen controller

- i. The workstation shall at a minimum have a touch screen controller that controls a heating device, a minimum of two (2) fans, and a minimum of two (2) task lights.

2) Heating and Ventilation

2. Fans - The workstations shall have incremental control of a minimum of (2) fans (fans controlled as one unit). The ability to control up to four (4) fans will be preferred. The fans shall be protected to prevent obstruction by foreign objects.

4) Controls - The environmental control module shall at the minimum have the following controls.

3. Incremental control of up to a minimum of two (2) fans (fans controlled as one (1) unit). (Control of up to four (4) if four (4) are provided)

Q2: We ask that the design of the console to have 1 surface only with the electronic monitor management system mounted to that surface due to the potential risks of equipment collision with a separate monitor platform. The weight capacity of the entire surface could be 1350lbs.

Comment: Another design problem is the height range of the consoles. HFES standard of 22"-48" does not work in this application. If you reference previous bids, they all have been amended because of equipment storage.

A2: The console may be designed as a single surface workstation; however, a dual surface will still be acceptable. The monitor arm/management system still shall allow for vertical and horizontal monitor movement. The height range of the surface itself will be changed in order to accompany the equipment mounting below and will be a minimum twenty-seven inches plus or minus one inch (27" +/- 1") to forty-six inches plus or minus one inch (46" +/- 1"). The weight capacity of a console with a single surface shall be a minimum of one thousand one hundred pounds (1100lbs). The minimum weight capacity of a dual surface console shall be five hundred fifty pounds (550 lbs) for each surface.

DELETE 3.2.2.1 a) ii. Iv.

INSERT

3.2.2.1 Automated Sit/Stand Capability

- a) The workstation shall have the capability of height adjustment for both stand-up and sit-down positions. The workstation may be either a single surface or a dual surface system.
 2. The height range for the sit stand capability shall be a range of at least twenty-seven inches plus or minus one inch (27" +/- 1") to forty-six inches plus or minus one inch (46" +/- 1") above the floor level.
 4. The workstation lift speed shall be a minimum twenty (20) mm/s.

DELETE 3.2.2.2 a) i, ii, b)

INSERT

3.2.2.2

Monitor Management System

- a) There shall be a system for desktop monitor management that shall be able to accommodate horizontal and vertical movement. This system can be either a separate surface from the work surface that holds the monitors on a monitor arm system, or it can be a system that holds the monitors on arms on top of the single surface that moves horizontally and vertically.
 - i. This system shall accommodate height adjustments with an electronically actuated drive system. It shall be capable of adjusting the height of the monitor system separately from the surface a minimum of eight inches (8").

-
- ii. The system shall allow users to adjust the distance between their eyes and the viewable display monitors. The minimum distance this shall move is eight inches (8"). The ability to electronically control the monitors towards the user will be preferred over manual control.
- 3) If the monitor management system is an independent surface (dual surface console) it shall be capable of supporting a minimum of five hundred fifty pounds (550lbs).

DELETE 3.2.2.3 a) ii.

INSERT

3.2.2.2

Horizontal Work Surface

- a) iii. If the workstation is a dual surface the depth of the work surface shall be a minimum of 610mm (24inch). If the workstation is a single surface the surface shall have enough room for the user to have 610 mm (24") of work room in front of them.

Q3: *Ref 3.2.2.1 ii Automated Sit/Stand Capability*

Ref 3.2.2.11 Equipment Mounting

With CPU storage (CPU's being at least 15" high and are to sit on sliding shelves underneath a rack mount system) 22" from the floor cannot reasonably be achieved. The min height should be 27" high, please amend to allow for proper equipment storage. Further no high weight capacity actuators used in these applications have a 30mm/s speed. Suggest amend to 20 mm/s.

A3: Please refer to the revised section in the answer to question #2. 20 mm/s will be accepted for the speed and the height will be changed to twenty-seven inches plus or minus 1 inch (27" +/- 1") to accommodate for equipment storage.

Q4: *3.2.2 .8 Situational Awareness System*

Please be specific if you want a status light pole for the visual alerts as a min, is lighting under the desk or through plexi is an additional cost and seems like it is preferred but adds another cost. Is the price to be included in the overall pricing if available?

A4: The status light poll will be a minimum. The status lighting through the plexiglass and the surface itself is a preferred feature that is part of the point rated criteria and if it is included extra points will be given to the vendor to account for the price increase.

Q5: *3.2.2 .2 Monitor Management System*

The adjustment features of the monitor system was removed, please provide the desired vertical and horizontal adjustments required.

A5: The monitor system shall be able to move a minimum of eight inches (8") forward and back as well and up and down. Please refer to the answer to question #2 for the revised monitor management system specification.

Q6: *3.2.2 .2 (b) Monitor Management System*

Why does this portion of the split surface required to have an 1100 weight capacity and the working surface (where the users actually work and would lean on only 550lbs) There is no need since monitors these days do not weigh that much?

A6: The system shall be designed to be strong enough to hold all equipment, however, this has been changed to a minimum weight capacity of five hundred fifty pounds (550lbs). Please see the revised specifications for weight capacity in the answer to question #2.

DELETE COMPLIANCE MATRIX

INSERT

Item #	Performance Specification	SOW Reference #	Status: (M) Mandatory (PR) Point Rated – 1 Point	Performance Specification Offered: Bidder <u>Should</u> indicate how they meet the performance specification by recording this information in this column.	Cross Reference: In this column, Bidders <u>should</u> cross-reference where this performance specification is indicated in their supporting documents
1	Company/ Manufacturer Requirements				
1.1	The manufacturer/vendor shall have been building/ supplying workstations for the public safety field for at least five (5) years.		M		
1.2	The manufacturer/vendor will complete all necessary portions of this project, with their own employees and/or manufacturer authorized installers.		M		
1.3	The workstations shall have a proven track record of field use by emergency departments of law enforcement (Police, Military, and/or Fire).		M		
1.4	Contractor shall submit a written assurance of a comprehensive 10-year warranty		M		
2	Standards	Error! Reference source not found.			
2.1	General Requirements	Error! Reference source not found.			
2.1.1	Quality of workmanship: The assembled components shall be uniform in quality and style, material and workmanship and shall be clean as well as free of any defects that may affect the appearance, serviceability, or safety of the product.	3.2.1 a)	M		
2.1.2	Error! Reference source not found.	3.2.1 b)	M		
2.1.3	Error! Reference source not	3.2.1 c)	M		

	found.				
2.1.4	Error! Reference source not found.	3.2.1 d)	M		
2.1.5	Error! Reference source not found.	3.2.1 e)	M		
2.1.6	Error! Reference source not found.	3.2.1 f)	M		
2.1.7	Error! Reference source not found.	3.2.1 g)	M		
2.1.8	Error! Reference source not found.	3.2.1 h)	M		
2.1.9	Error! Reference source not found.	3.2.1 i)	M		
2.1.10	Error! Reference source not found.	3.2.1 j)	M		
2.1.11	Error! Reference source not found.	3.2.1 k)	M		
2.1.12	Error! Reference source not found.	3.2.1 l)	M		
2.1.13	Error! Reference source not found.	3.2.1 m)	M		
2.1.14	Error! Reference source not found.	3.2.1 n)	M		
2.2	Detailed Requirements: Automated Sit/Stand Capability	Error! Reference source not found. Error! Reference source not found.			
2.2.1	The workstation shall have the capability of height adjustment for both stand-up and sit-down positions. The workstation may be either a single surface or a dual surface system.	3.2.2.1 a)	M		
2.2.2	No physical demands shall be placed on the end-user when using the Sit/Stand function.	3.2.2.1 a) i.	M		
2.2.3	The height range for the sit stand capability shall be a range of at least twenty-seven inches plus or minus one inch (27" +/- 1") to forty-six inches plus or minus one inch (46" +/- 1") above the floor level.	3.2.2.1 a) ii.	M		
2.2.4	Error! Reference source not found.	3.2.2.1 a) iii.	M		
2.2.5	The workstation lift speed shall be a minimum twenty (20) mm/s.	3.2.2.1 a) iv.	M		
2.2.6	Error! Reference source not found.	3.2.2.1 a) v.	M		
2.2.7	Error! Reference source not found.	3.2.2.1 a) vi.	M		
2.2.8	Error! Reference source not	3.2.2.1 a) vii.	M		

	found.. It will be preferred that the workstation can protect users and equipment from both upward and downward forces throughout the entire work surface.		(Refer to point rated criteria system)		
2.2.9	Error! Reference source not found.	3.2.2.1 b)	M		
2.2.10	It shall include a numeric height indicator display on the control panel, allowing the user to perform precise digital replication of surface heights.	3.2.2.1 b) i.	M		
2.2.11	Error! Reference source not found.	3.2.2.1 b) ii.	M (Refer to point rated criteria system)		
2.2.12	Error! Reference source not found.	3.2.2.1 c)	M		
2.2.13	Error! Reference source not found.	3.2.2.1 d)	M		
2.3	Monitor Management System	3.2.2Error! Reference source not found.			
2.3.1	There shall be a system for desktop monitor management that shall be able to accommodate horizontal and vertical movement. This system can be either a separate surface from the work surface that holds the monitors on a monitor arm system, or it can be a system that holds the monitors on arms on top of the single surface that moves horizontally and vertically.	3.2.2.2 a)	M		
2.3.2	This system shall accommodate height adjustments with an electronically actuated drive system. It shall be capable of adjusting the height of the monitor system separately from the surface a minimum of eight inches (8").	3.2.2.2 a) i.	M		
2.3.3	The system shall allow users to adjust the distance between their eyes and the viewable display monitors. The minimum distance this shall move is eight inches (8"). The ability to electronically control the monitors towards the user will be preferred over manual control.	3.2.2.2 a) ii.	M (Refer to point rated criteria system)		
2.3.4	Error! Reference source not	3.2.2.2 a) iii.	M		

	found.				
2.3.5	Error! Reference source not found.	3.2.2.2 a) iv.	M		
2.3.6	If the monitor management system is an independent surface (dual surface console) it shall be capable of supporting a minimum of five hundred fifty pounds (550lbs).	3.2.2.2 a) v.	M		
2.3.7	Error! Reference source not found.	3.2.2.2 b)	M		
2.3.8	Error! Reference source not found.	3.2.2.2 c)	M		
2.3.9	Error! Reference source not found.	3.2.2.2 d)	M		
2.3.10	Error! Reference source not found.	3.2.2.2 e)	M		
2.3.11	Error! Reference source not found.	3.2.2.2 f)	M		
2.3.12	Error! Reference source not found.	3.2.2.2 g)	NA (Refer to point rated criteria system)		
2.4	Horizontal Work Surface	3.2.2.3			
2.4.1	The Horizontal work surface will be the primary work surface for the operators that will accommodate the keyboard and mouse. This surface shall be able to accommodate height adjustment with an electronically actuated drive system.	3.2.2.3 Error! Reference source not found.	M		
2.4.2	Error! Reference source not found.	3.2.2.3 a) i.	M		
2.4.3	The primary horizontal work surface shall have a minimum weight capacity of five hundred and fifty (550) lbs static load.	3.2.2.3 a) ii.	M		
2.4.4	If the workstation is a dual surface the depth of the work surface shall be a minimum of 610mm (24inch). If the workstation is a single surface the surface shall have enough room for the user to have 610 mm (24") of work room in front of them.	3.2.2.3 a) iii.	M		
2.4.5	The core of the work surfaces shall be constructed using a minimum one (1) inch particleboard (wheat chaff not acceptable) and shall be finished with High Pressure	3.2.2.3 Error! Reference source not found.	M		

	Laminate (HPL).				
2.4.6	The surface shall be a minimum of two (2) columns constructed of heavy-duty steel and aluminum extrusions.	3.2.2.3 Error! Reference source not found.	M		
2.4.7	Error! Reference source not found.	3.2.2.3 d)	M		
2.4.8	If the edging is to be damaged or needs replacing under warranty either the edging itself or the surface it is attached to will need to be replaced with little to no disturbance to the call centre operations.	3.2.2.3 d) i.	M		
2.4.9	Error! Reference source not found.	3.2.2.3 d) ii.	M		
2.4.10	All other edging of the worksurface shall be made of either polyvinyl chloride (PVC), polypropylene (PP), Acrylic, Acrylonitrile Butadiene Styrene (ABS) or solid hardwood edging in matching colours, at a minimum of two-point five (2.5) mm thickness.	3.2.2.3 e)	M		
2.5	Heavy-Duty Lift System	3.2.2.4			
2.5.1	Error! Reference source not found. 3.2.2.3 and 3.2.2.2.	3.2.2.4 a)	M		
2.5.2	Optimal lifting conditions for each platform shall be evaluated by considering dynamic loading situations such as (but not limited to): i. Error! Reference source not found. ii. Error! Reference source not found. iii. Error! Reference source not found. iv. Error! Reference source not found.	3.2.2.4 b)	M		
2.5.3	Error! Reference source not found.	3.2.2.4 c)	M		
2.5.4	Error! Reference source not found.	3.2.2.4 d)	M		
2.6	Frame System	3.2.2.5			
2.6.1	Error! Reference source not found.	3.2.2.5 a)	M		
2.6.2	In accordance with ANSI/HFES 100-2007, the frame shall leave an unobstructed knee clearance in the seated operating position.	3.2.2.5 Error! Reference source not	M		

		found.			
2.6.3	The workstation shall have an acoustical partition system consisting of fabric wrapped panels	3.2.2.5 Error! Reference source not found.	M		
2.6.4	The partition system shall not be a structural component of the workstations.	3.2.2.5 c) Error! Reference source not found..	M		
2.6.5	Error! Reference source not found.	3.2.2.5 c) ii.	M		
2.6.6	The partition shall provide a minimum N.R.C. rating of zero point five zero (0.50).	3.2.2.5 c) iii.	M		
2.6.7	The partition shall have a clear plexiglass section at the top of the partition. The clear glass section shall be twelve (12) inches to sixteen (16) inches high.	3.2.2.5 c) iv.	M		
2.6.8	The partition shall allow easy access to the workstation substructure without the use of tools, allowing for quick and easy access to the equipment housing.	3.2.2.5 c) v.	M		
2.6.9	The partition system shall be within the workstation footprint given to maximize floor space.	3.2.2.5 c) vi.	M		
2.6.10	Error! Reference source not found.	3.2.2.5 d)	M		
2.6.11	The horizontal frame members shall be able to accommodate for flexible equipment mounting configurations. Further, it shall have the ability to be reconfigured to accommodate for possible future requirements of new equipment or accessories.	3.2.2.5 e)	M		
2.6.12	Error! Reference source not found.	3.2.2.5 f)	M		
2.6.13	Error! Reference source not found.	3.2.2.5 f) i.	M		
2.6.14	Error! Reference source not found.	3.2.2.5 f) ii.	M		
2.6.15	The frame structure shall have fully integrated cable management. i. Error! Reference source not found. ii. Error! Reference source not found. iii. Error! Reference source not found.	3.2.2.5 g)	M		

	iv. Error! Reference source not found.				
2.7	Column Housing	3.2.2.6			
2.7.1	Error! Reference source not found.	3.2.2.6 a)	M		
2.7.2	Error! Reference source not found.	3.2.2.6 b)	M		
2.7.3	Error! Reference source not found.	3.2.2.6 c)	M		
2.7.4	Error! Reference source not found.	3.2.2.6 d)	M		
2.8	Environmental Control	3.2.2.7			
2.8.1	Touch Screen Controller	3.2.2.7 a)			
2.8.1.1	The workstation shall at a minimum have a touch screen controller that controls a heating device, a minimum of two (2) fans, and a minimum of two (2) task lights.	3.2.2.7 a) i.	M		
2.8.1.2	Error! Reference source not found.	3.2.2.7 a) ii.	M		
2.8.1.3	Error! Reference source not found.	3.2.2.7 a) iii.	M		
2.8.1.4	Error! Reference source not found.	3.2.2.7 a) iv.	NA (Refer to point rated criteria system)		
2.8.1.5	Error! Reference source not found.	3.2.2.7 a) v.	NA (Refer to point rated criteria system)		
2.8.1.6	Error! Reference source not found.	3.2.2.7 a) vi.	NA (Refer to point rated criteria system)		
2.8.2	Heating and Ventilation	3.2.2.7 b)			
2.8.2.1	Error! Reference source not found.	3.2.2.7 b) i.	M (Refer to point rated criteria system)		
2.8.2.2	Fans - The workstations shall have incremental control of a minimum of (2) fans (fans controlled as one unit). The ability to control up to	3.2.2.7 b) ii.	M (Refer to point rated		

	four (4) fans will be preferred. The fans shall be protected to prevent obstruction by foreign objects.		criteria system)		
2.8.2.3	Error! Reference source not found.	3.2.2.7 b) iii.	M		
2.8.2.4	Error! Reference source not found.	3.2.2.7 b) iv.	M		
2.8.3	Task Lighting	3.2.2.7 c)			
2.8.3.1	Error! Reference source not found.	3.2.2.7 c) i.	M		
2.8.3.2	Error! Reference source not found.	3.2.2.7 c) ii.	M		
2.8.3.3	Error! Reference source not found.	3.2.2.7 c) iii.	M		
2.8.3.4	Error! Reference source not found.	3.2.2.7 c) iv	M		
2.8.4	Controls	3.2.2.7 d)			
2.8.4.1	Error! Reference source not found.	3.2.2.7 d) i.	M		
2.8.4.2	Error! Reference source not found.	3.2.2.7 d) ii.	M		
2.8.4.3	Incremental control of up to a minimum of two (2) fans (fans controlled as one (1) unit). (Control of up to four (4) if four (4) are provided)	3.2.2.7 d) iii.	M		
2.8.4.4	Error! Reference source not found.	3.2.2.7 d) iv.	M		
2.9	Situational Awareness System	3.2.2.8			
2.9.1	The workstation shall be equipped with a situational awareness system that signals when an operator is available, on call, or in need of critical assistance.	3.2.2.8	M		
2.9.2	The system shall be capable of providing LED visual alerts at each operator position that can be seen throughout the Centre.	3.2.2.8 a)	M		
2.9.3	Error! Reference source not found.	3.2.2.8 b)	M		
2.9.4	Error! Reference source not found.	3.2.2.8 c)	M		
2.9.5	Error! Reference source not found.	3.2.2.8 d)	M		
2.9.6	Error! Reference source not found.	3.2.2.8 e)	NA (Refer to point rated criteria system)		
2.10	Workstation Finishes and Material	3.2.2.9			
2.10.1	Horizontal Surface Material	3.2.2.9 a)			

2.10.1.1	Error! Reference source not found.	3.2.2.9 a) i.	M		
2.10.2	Error! Reference source not found.	3.2.2.9 b)			
2.10.2.1	Gloss – the sixty (60) degree specular gloss of work surfaces shall not be more than forty-five (45) units when tested in accordance with A.S.T.M. D 523	3.2.2.9 b) i.	M		
2.10.2.2	Error! Reference source not found.	3.2.2.9 b) ii.	M		
2.10.2.3	Error! Reference source not found.	3.2.2.9 b) iii.	M		
2.10.2.4	Error! Reference source not found.	3.2.2.9 b) iv.	M		
2.10.3	Other Surfaces	3.2.2.9 c)			
2.10.3.1	Error! Reference source not found. Error! Reference source not found. Error! Reference source not found. Error! Reference source not found. Error! Reference source not found. Error! Reference source not found.	3.2.2.9 c) i.	M		
2.10.3.2	Error! Reference source not found.: All metal/ steel surfaces shall be finished with an epoxy powder coat finish.	3.2.2.9 c) ii.	M		
2.11	Workstation Cladding	3.2.2.10			
2.11.1	Workstation enclosure panels shall be fabricated from three quarter (3/4) inch high quality wood material. Panel cladding edges shall receive post applied edging made of with either polyvinyl chloride (PVC), polypropylene (PP), Acrylic, Acrylonitrile Butadiene Styrene (ABS) or solid hardwood edging in matching colours.	3.2.2.10 a)	M		
2.11.2	Error! Reference source not found.	3.2.2.10 b)	M		
2.11.3	Error! Reference source not found.	3.2.2.10 c)	M		
2.11.4	Error! Reference source not found.	3.2.2.10 d)	M		
2.11.5	Error! Reference source not found.	3.2.2.10 e)	M		

2.12	Equipment Mounting	3.2.2.11			
2.12.1	Error! Reference source not found.	3.2.2.11 a)	M		
2.12.2	Error! Reference source not found.	3.2.2.11 a) i.	M		
2.12.3	The mounting system shall be capable of accommodating four (4) full sized computers and any communication, display, and operator interface devices. The equipment mounting systems shall sit within the footprint of the workstation and be raised above the floor.	3.2.2.11 a) ii.	M		
2.12.4	Sliding shelves within the workstation equipment mounting system that the computers can sit on will be preferred.	3.2.2.11 a) iii.	NA (Refer to point rated criteria system)		
2.12.5	Error! Reference source not found.	3.2.2.11 a) iv.	M		
2.12.6	Error! Reference source not found.	3.2.2.11 a) v.	M		
2.12.7	Error! Reference source not found.	3.2.2.11 a) vi.	M		
2.12.8	Error! Reference source not found.	3.2.2.11 b)	M		
2.13	Supervisor Work Surface	3.2.2.12			
2.13.1	As stated in section 2.1.1.3.b the Contractor shall provide two (2) extra work surfaces in addition to the workstation for two (2) workstations designated as the supervisor's workstation in each location to allow for the extra space that their duties require. i. Error! Reference source not found. ii. Error! Reference source not found.	3.2.2.12 a)	M		
2.13.2	Error! Reference source not found.	3.2.2.12 b)	M		
2.13.3	Error! Reference source not found.	3.2.2.12 c)	M		
2.13.4	Error! Reference source not found.	3.2.2.12 d)	M		
2.14	Lockable Storage	3.2.2.13			
2.14.1	Error! Reference source not found. i. Error! Reference source not found.	3.2.2.13 a)	M		

	ii. Error! Reference source not found.				
2.14.2	Error! Reference source not found.	3.2.2.13 b)	M		
2.14.3	The lockable storage system will be preferred to be part of the provided workstation footprint and be located beneath the work surface, leaving enough room for the appropriate leg and knee space requirements specified by ANSI/HFES 100-2007. However, if there is insufficient space in the footprint, the lockable storage will be permitted to sit next to the workstation.	3.2.2.13 c)	M		
2.14.4	Error! Reference source not found.	3.2.2.13 d)	M		
2.15	Electrical and Data Systems Requirements	Error! Reference source not found.			
2.15.1	General Electrical and Data Requirements	3.2.3.1			
2.15.1.1	Error! Reference source not found.	3.2.3.1 a)	M		
2.15.1.2	Error! Reference source not found.	3.2.3.1 b) i.	M		
2.15.1.3	Error! Reference source not found.	3.2.3.1 b) ii.	M		
2.15.1.4	Error! Reference source not found.	3.2.3.1 b) iii.	M		
2.15.1.5	Error! Reference source not found.	3.2.3.1 b) iv.	M		
2.15.1.6	Error! Reference source not found.	3.2.3.1 b) v.	M		
2.15.1.7	Error! Reference source not found.	3.2.3.1 b) vi.	M		
2.15.1.8	Error! Reference source not found.	3.2.3.1 b) vii.	M		
2.15.1.9	R56 compliant.	3.2.3.1 b) viii.	M		
2.15.1.10	Error! Reference source not found.	3.2.3.1 b) ix.	M		
2.15.1.11	Error! Reference source not found. Error! Reference source not found. Error! Reference source not found.	3.2.3.1 c)	M		
2.15.1.12	Error! Reference source not found.	3.2.3.1 d)	M		
2.16	I/O Distribution	3.2.3.2			
2.16.1	Error! Reference source not found.	3.2.3.2 a)	M		

	found.				
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DELETE POINT RATED CRITERIA

INSERT

POINT RATED CRITERIA SYSTEM

- a) In addition to the mandatory requirements some specifications will be rated in a point system
- b) If the bidder does not meet any of these criteria their bid will still be considered and evaluated next to other bidders as long as they meet all the previously stated mandatory requirements.
- c) The point ranking is noted for each optional specification.
- d) The total number of points able to be accumulated is ninety (90).
- e)

Item #	Description of optional specification	SOW Reference #	Points available	Points earned 1-10	Performance Specification Offered: Bidder <u>Should</u> indicate how they meet the performance specification by recording this information in this column.	Cross Reference: In this column, Bidders <u>should</u> cross-reference where this performance specification is indicated in their supporting documents
1	Mounted electronic controls for actuator mechanisms	3.2.2.1 b) ii.	0 - electronic controls for actuator mechanisms are a <u>mandatory</u> requirement as noted in the compliance matrix and if this is not met the bid will be			

			declared non-responsive 5 – has mounted electronic controls for actuator mechanisms located within the primary reach zone of twenty-four inches (24"). 10 – has flush mounted electronic controls for actuator mechanisms located on top of work surface within the primary reach zone of twenty-four inches (24").			
2	Slat rail System	3.2.2.2 h)	0 - The system does not accommodate a slat rail system 10 - The system supports a slat rail mounting system that is configurable and can be straight, mitered, or curved to meet ergonomic requirements.			
3	Electrically Actuated drive system safety feature	3.2.2.1 a) vii.	0 - At a minimum all electrically actuated drive systems shall include a safety shutoff feature along the entire desk perimeter and under desktop to prevent any operator Injury 10 - The workstation can protect users and equipment from both upward and downward forces throughout the entire work surface.			
4	Monitor Management system – Electronic controls	3.2.2.2 a) ii.	0 - The system allows users to adjust the distance between their eyes and the viewable display monitors manually.			

			10- The system allows users to adjust the distance between their eyes and the viewable display monitors with an electronic control.			
5	Environmental Control System – Touch Screen Controls	3.2.2.7 a)	<p>0 – The controls do not accommodate for the following: savable setting preferences, control of the height settings of the surfaces, control of situational awareness system</p> <p>3 - The controls accommodate for one of the following: savable setting preferences, control of the height settings of the surfaces, control of situational awareness system.</p> <p>7 - The controls accommodate for two of the following: savable setting preferences, control of the height settings of the surfaces, control of situational awareness system.</p> <p>10 - The controls accommodate for all the following: savable setting preferences, control of the height settings of the surfaces, control of situational awareness system.</p>			
6	Environmental Control System – Heating	3.2.2.7 b)	<p>0 - The workstation utilizes a radiant heating device.</p> <p>10 – The workstation utilizes a forced air heating device.</p>			

7	Equipment mounting - Sliding shelves	3.2.2.11 a) iii.	0 – The equipment mounting system holds the computers withing the system. 10 – The equipment mount system holds the computers on slide out shelves (trays).			
8	Situational Awareness System – Lighting options	3.2.2.8 e)	0 - the workstation does not have alert illuminated under counter lighting and/ or work surface lighting 10 - the workstation has the option for alert illuminated under counter lighting and/ or work surface lighting			
9	Environmental Control System – Fans	3.2.2.7 b) ii.	0 – The system has control of a minimum of two (2) fans. 10 – The system has control of up to four (4) fans.			

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME