



**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS A :**

Bid Receiving/Réception des soumissions

RCMP "E" DIV. BID RECEIVING FRONT DESK
14200 Green Timbers Way
Surrey, BC V3T 6P3
Solicitation: M2989-7-0022

By Mail:
RCMP "E" DIV. BID RECEIVING FRONT DESK
Mail Stop # 1004
14200 Green Timbers Way
Surrey, BC V3T 6P3
Solicitation: M2989-7-0022

**REQUEST FOR
PROPOSAL**

**DEMANDE DE
PROPOSITION**

Proposal to: Royal Canadian Mounted Police

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

Proposition aux : Gendarmerie royale du Canada

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux appendices ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments: - Commentaries :

THIS DOCUMENT CONTAINS A SECURITY
REQUIREMENT

LE PRÉSENT DOCUMENT COMPORTE UNE
EXIGENCE EN MATIÈRE DE SÉCURITÉ

Title – Sujet Supply and Installation of Technology Table		Date Nov 9 2017
Solicitation No. – N° de l'invitation M2989-7-0022		
Client Reference No. - No. De Référence du Client		
Solicitation Closes – L'invitation prend fin		
At / à :	14 :00	PST (Pacific Standard Time) HNP (heure normale du Pacifique)
On / le :	December 20 2017	
Delivery - Livraison See herein — Voir aux présentes	Taxes - Taxes See herein — Voir aux présentes	Duty – Droits See herein — Voir aux présentes
Destination of Goods and Services – Destinations des biens et services 14200 Green Timbers Way, Surrey, BC V3T 6P3		
Instructions See herein — Voir aux présentes		
Address Inquiries to – Adresser toute demande de renseignements à Summer Wong Senior Procurement Officer, Procurement & Contracting		
Telephone No. – No. de téléphone 778-290-2892	Facsimile No. – No. de télécopieur 778-290-6110	

Delivery Required – Livraison exigée See herein — Voir aux présentes	Delivery Offered – Livraison proposée
Vendor/Firm Name, Address and Representative – Raison sociale, adresse et représentant du fournisseur/de l'entrepreneur:	
Telephone No. – No. de téléphone	Facsimile No. – No. 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



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PART 1 - GENERAL INFORMATION

1.1 Security Requirements

1. 1. Before award of a contract, the following conditions must be met:
 - (a) the Bidder's proposed individuals requiring access to classified or protected information, assets or sensitive work site(s) must meet the security requirements as indicated in Part 6 - Resulting Contract Clauses;
 - (b) the Bidder must provide the name of all individuals who will require access to classified or protected information, assets or sensitive work sites;
2. Bidders are reminded to obtain the required security clearance promptly. Any delay in the award of a contract to allow the successful bidder to obtain the required clearance will be at the entire discretion of the Contracting Authority.
3. For additional information on security requirements, bidders should refer to the [Industrial Security Program \(ISP\)](http://ssi-iss.tpsgc-pwgsc.gc.ca/index-eng.html) of Public Works and Government Services Canada (<http://ssi-iss.tpsgc-pwgsc.gc.ca/index-eng.html>) website. Please note, the above website is specific to PWGSC requirements and processes may differ from RCMP requirements.

1.2 Requirement

The requirement is detailed at Annex "A" of the resulting contract clauses.

1.3 Debriefings

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

1.4 Procurement Ombudsman

The Office of the Procurement Ombudsman (OPO) was established by the Government of Canada to provide an independent avenue for suppliers to raise complaints regarding the award of contracts under \$25,000 for goods and under \$100,000 for services. You have the option of raising issues or concerns regarding the solicitation, or the award resulting from it, with the OPO by contacting them by telephone at 1-866-734-5169 or by e-mail at boa-opo@boa-opo.gc.ca. You can also obtain more information on the OPO services available to you at their website at www.opo-boa.gc.ca.

1.5 Trade Agreements

The requirement is subject to the provisions of the North American Free Trade Agreement (NAFTA), and the Canadian Free Trade Agreement (CFTA).



PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Revision to Departmental Name: As this solicitation is issued by Royal Canadian Mounted Police (RCMP), any reference to Public Works and Government Services Canada or PWGSC or its Minister contained in any term, condition or clause of this solicitation, including any individual SACC clauses incorporated by reference, will be interpreted as reference to RCMP or its Minister.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The 2003 (2017-04-27) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

2.1.1 SACC Manual Clauses

B3000T (2006-06-16), Equivalent Products

2.2 Submission of Bids

Bids must be submitted only to RCMP Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

Due to the nature of the bid solicitation, bids transmitted by email or facsimile to RCMP will not be accepted.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than 7 calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all bidders. Enquiries not submitted in a form that can be distributed to all bidders may not be answered by Canada.

2.4 Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in British Columbia.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the bidders.



2.5 Promotion of Direct Deposit Initiative

The following information is not related to the solicitation process:

An initiative within the Government of Canada called the Cheque Standardization Project has been established whereby eventually for all payments, cheque stubs will no longer be printed and, with few exceptions, will be processed via direct deposit. This option is only available when payment is made in Canadian dollars for deposit into a Canadian bank account. In an attempt to be proactive, RCMP Corporate Accounting is promoting the registration of RCMP suppliers for the upcoming change in the payment process.

If you are the successful bidder on this or any other RCMP requirement, you are encouraged to register with the RCMP for direct deposit. Please contact RCMP Corporate Accounting by email to receive a form entitled *Recipient Electronic Payment Registration Request* along with instructions for completion of the form.

Should you have any questions regarding the Cheque Standardization Project or if you want to register, please contact the following email: corporate_accounting@rcmp-grc.gc.ca



PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

Canada requests that bidders provide their bid in separately bound sections as follows:

Section I: Technical Bid (2 hard copies)
Section II: Financial Bid (1 hard copy)
Section III: Certifications (1 hard copy)

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

Canada requests that bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Bid

In their technical bid, bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Applicable Taxes must be shown separately.

3.1.1 Exchange Rate Fluctuation

C3011T (2013-11-06), Exchange Rate Fluctuation

Section III: Certifications

Bidders must submit the certifications and additional information required under Part 5.



PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

Bids will be evaluated in accordance with the mandatory technical criteria attached at Annex D. Bids failing to meet any one of the mandatory technical criteria will be deemed non-compliant and given no further consideration.

4.1.2 Financial Evaluation

SACC Manual Clause A0220T (2014-06-26), Evaluation of Price

4.2 Basis of Selection

4.2.1 Basis of Selection – Mandatory Technical Criteria

A bid must comply with the requirements of the bid solicitation and meet all mandatory technical evaluation criteria to be declared responsive. The responsive bid with the lowest evaluated price will be recommended for award of a contract.

PART 5 - CERTIFICATIONS

Bidders must provide the required certifications and associated 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 may render the bid non-responsive or constitute a default under the Contract.

5.1 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.

5.1.1 Integrity Provisions

In accordance with the *Ineligibility and Suspension Policy* (<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:



- Declaration of Convicted Offences (as applicable)
- Required Documentation

PART 6 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

6.1 Security Requirements

- 6.1.1** The following security requirements (SRCL and related clauses) apply and form part of the Contract.
1. FA02 - Escort required.
 2. IT knowledgeable escort is required for server rooms and wiring closets within the unit.
 3. Contractor must not connect any network or IT equipment/media to the RCMP network.
 4. OIC/NCO IC to ensure that doors providing access into restricted areas are kept secure when trades/workers are in the unit.
 5. Protected information and sensitive documents should be removed from the construction area.

6.2 Requirement

The Contractor must provide the items detailed under the "Requirement" at Annex "A".

6.3 Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Revision to Departmental Name: As this contract is issued by Royal Canadian Mounted Police (RCMP), any reference to Public Works and Government Services Canada or PWGSC or its Minister contained in any term, condition or clause of this contract, including any individual SACC clauses incorporated by reference, will be interpreted as reference to RCMP or its Minister.

6.3.1 General Conditions

2010A (2016-04-04), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.4 Term of Contract

6.4.1 Delivery Date

All the deliverables must be received on or before March 31st.

6.4.2 Delivery Points

Delivery of the requirement will be made to delivery point(s) specified at Annex "A" of the Contract.



6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Summer Wong
Title: Senior Procurement Officer
Royal Canadian Mounted Police, "E" Division
14200 Green Timbers Way, Surrey, BC
Telephone: 778-290-2892
Facsimile: 778-290-6110
E-mail address: summer.wong@rcmp-grc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

6.5.2 Project Authority

The Project Authority for the Contract is:

(to be inserted at Contract award)

The Project Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Project Authority, however the Project Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

6.5.3 Contractor's Representative

(to be inserted at Contract award)

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone: _____
Facsimile: _____
E-mail address: _____

6.6 Payment

6.6.1 Basis of Payment – Firm Price, Firm Unit Price(s) or Firm Lot Price(s)

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price, as specified in Annex "B" for a cost of \$ *(to be inserted at Contract award)*. Customs duties are included and Applicable Taxes are extra.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

6.6.2 Single Payment



SACC *Manual* Clause H1000C (2008-05-12), Single Payment

6.7 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:
 - a. The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.
 - b. One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

6.8 Certifications and Additional Information

6.8.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

6.9 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in British Columbia.

6.10 Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- (a) the Articles of Agreement;
- (b) the general conditions 2010A (2016-04-04), General Conditions - Goods (Medium Complexity);
- (c) Annex A, Requirement;
- (d) Annex B, Basis of Payment;
- (e) Annex C, Security Requirements Check List;
- (f) the Contractor's bid dated _____ (*insert date of bid*).

6.11. Procurement Ombudsman

6.11.1 Dispute Resolution Services

The parties understand that the Procurement Ombudsman appointed pursuant to Subsection 22.1(1) of the *Department of Public Works and Government Services Act* will, on request, and consent of the parties, to participate in an alternative dispute resolution process to resolve any dispute between the parties respecting the interpretation or application of a term or condition of this contract and their consent to bear the cost of such process, provide to the parties a proposal for an alternative dispute resolution process to resolve their dispute.

The Office of the Procurement Ombudsman may be contacted by telephone at 1-866-734-5169 or by e-mail at boa-opo@boa-opo.gc.ca.



6.11.2 Contract Administration

The parties understand that the Procurement Ombudsman appointed pursuant to Subsection 22.1(1) of the *Department of Public Works and Government Services Act* will review a complaint filed by [*the supplier or the contractor or the name of the entity awarded this contract*] respecting administration of this contract if the requirements of Subsection 22.2(1) of the *Department of Public Works and Government Services Act* and Sections 15 and 16 of the *Procurement Ombudsman Regulations* have been met, and the interpretation and application of the terms and conditions and the scope of the work of this contract are not in dispute.

The Office of the Procurement Ombudsman may be contacted by telephone at 1-866-734-5169 or by e-mail at boa-opo@boa-opo.gc.ca.

6.12 SACC Manual Clauses

SACC *Manual* Clause B1501C (2006-06-16), Electrical Equipment



ANNEX "A" Requirement

Supply and Installation of Technology Table

A.1 Introduction

1. RCMP Federal Policing has a requirement for the supply and installation of a technology table in a mission critical command center at 14200 Green Timbers Way, Surrey, BC, V3T 6P3.
2. Technology table is used in a 24/7 public safety / command environment. Table will be used as a collaborative workstation. Table will accommodate multiple computers, monitors, keyboards, telephone sets and other technology.
3. Technology table must be 15'-16' in length, with a width of 8.5'-9' at one end and a width of 7' at the other end. Table must be constructed in such a way as to allow the unit to transform from a purely flat table surface to have 8 independent left sections for equipment to raise and lower electronically. There must be 4 stations on each side of the table spaced evenly apart, and none at the ends.
4. The Contractor must supply all necessary components (such as, but not limited to panels, surfaces, trim, connectors, and supports) and services to allow the re-location of the table in the future.
5. The Contractor must provide surface, trim, and panels to match Wilsonart Studio Teak 7960K-18 to match existing furniture. The technology table will reside directly beside two dispatch consoles in a small command center in the above surface and trim.
6. All supplied equipment must meet the following standards as applicable – refer to the latest issue unless noted:
 - a. Canadian Standards Association (CSA).
 - i. Canadian Electrical Code Part I CSA C22.1
 - b. American National Standards Institute (ANSI)
 - i. Business and International Furniture Manufacture Association (BIFMA)
 - ii. ANSI / BIFMA X5.5 – Desk Product
 - c. American Society for Testing and Materials (ASTM).
 - i. ASTM, ANSI / NEM A LD-3, CGSB testing of coating, surface finishes, adhesive.
 - ii. D523 – Test Method for Specula Gloss
 - iii. D3359 – Standard Test Method for Measuring Adhesion by Tape Test
 - iv. D3363 – Standard Test Method for File Hardness by Pencil Test
 - v. D4060 – 01 Standard Test Method for Abrasion Resistance of Organic Coating by the Taber Abraser.

A.2 General Requirements

1. Quality of Workmanship: The assembled components must be uniform in quality, style, material and workmanship and must be clean and free from any defects that may affect the appearance, serviceability, or safety.
2. When assembled there must be no visible unfinished edges or surfaces, with the exception of stainless steel. Metal edges, corners and parts with which the user is intended to come in contact, must have rounded corners or be covered with protective caps.
3. Safety: Fixed, moveable, or adjustable parts must be constructed such that they cannot unintentionally become loose, dislodged or cause personal injury.
4. Finish – Horizontal: All horizontal work surfaces must be made of matching high density particle board (45 lbs / sq. inch) and covered with high pressure laminate with a minimum of 2.5mm PVC edging.
5. Finish – Horizontal Laminated:
 - a. Gloss- the 60 degree specular gloss of work surfaces must not be more than 45 units when tested in accordance with ASTM D 523.



- b. Abrasion Resistance - The loss of finish must not exceed 0.0209 per 500 cycles using a CS-10 wheel, with a 1000g load when tested in accordance with ASTM D 4060-01.
 - c. Colour Stability - The finish, after exposure, when tested in accordance with ANSI/NEMA LD3, section 3, must not show a change in colour greater than grey scale 4 contrasts by reference to AATCC EP 1.
 - d. Impact Resistance - There must be no cracking when tested in accordance with ANSI/NEMA LD3, with the following exceptions: The ball drop height must be 762mm (30 inch); the test substrate must be the material to be used for the manufacturers work surfaces; and Trim and edging that may project onto the work surface are exempt from these requirements.
6. Finish – Other Laminates:
- a. Gloss - The 60 degree specular gloss of other surfaces must not be more than 45 units when tested in accordance with ASTM D 523.
 - b. Abrasion Resistance - The loss of finish must not exceed 0.0409 per 500 cycles using a CS-10 wheel, with a 1000g load when tested in accordance with ASTM D 4060-01.
 - c. Colour Stability- The finish, after exposure, when tested in accordance with ANSI/NEMA LD3, section 3, must not show a change in colour greater than grey scale 4 contrasts by reference to AATGC EP 1.
 - d. Impact Resistance - Impact resistance, when tested in accordance with ANSI/NEMA LD 3, shall comply with the specified requirement, with the following exceptions: The test substrate shall be the material to be used for the manufacture/s work surfaces; Trim and edging that may project onto the work surface are exempt from these requirements.
7. Other Surfaces – Painted (Non-Wood):
- a. Gloss- the 60 degree specular gloss of other painted surfaces must not be more than 45 units when tested in accordance with ASTM D 523.
 - b. Abrasion Resistance - The loss of finish must not exceed 0.0409 per 500 cycles using a CS-10 wheel, with a 1000 g load when tested in accordance with ASTM D 4060-01.
 - c. Colour Stability- The finish, after exposure, when tested in accordance with ANSI/NEMA LD3, section 3, must not show a change in colour greater than grey scale 4 contrasts by reference to AATCC EP 1.
 - d. Finish Hardness - The finish must be not less than H, when tested in accordance with ASTM D336305, "scratch hardness" method.
 - e. Paint Adhesion - The adhesion rating of the painted finish must be at least 48, when tested in accordance with ASTM D 335402, Method B.
8. Finish - Metal / Steel: All metal / steel surfaces must be finished with an epoxy powder coat finish.
9. Design: The supporting metal structures and components must not show deflection when normally loaded.
10. The table must have a minimum 27 inches of knee well space.
11. All equipment housing areas must be accessible from the front removable panel.

A.3 Detailed Requirements

1. Frame System
 - a. The table frame must be of steel and aluminum construction using a combination of minimum 14-gauge sheet metal and formed in such a way as to provide maximum buckling and torsion resistance. The surface ribbing (Extrusions) must be constructed of thick wall, extruded aluminum. In the course of usage; drop on the unsupported ends must not be more than 10mm.
 - b. The frame must have eight "pop up" compartments These lifting portions must be raised using a linear drive lifting mechanism, which must be anchored to the base frame structure.
 - i. The actuator mechanisms must be electronically controlled by an integrated control panel that allows the operator to rise and lower independently keyboard



- and monitor compartment. The controller must have an electronic numeric height indicator display for each platform to allow the operator to easily remember preferred operating positions.
- ii. The use of an electric drive system is required; physical demands must not be placed on the end-user when using the “pop up” compartment function.
 - iii. All lift motors must have an overload protection equipped with selectable manual/automatic reset.
- c. The lift system must compensate for differential loads from side to side, preventing racking or damage to the structure. Noise level while actuator mechanisms are activated must not exceed 50 dBA
 - d. Design of the lift system must ensure that if synchronization is lost between the co-operating actuator mechanisms that the lift surface shall not bind (in other words the lift system must be self-healing).
 - e. Surfaces moving speed must be a minimum of 10 mm/s (.39 in/s)
 - f. The frame structure must have fully integrated cable management. The base structure must have a minimum of two lateral raceways; the transition from the base to the pop up compartment must have a minimum of one vertical raceway.
2. Console Cladding
- a. Table enclosure panels must be fabricated from ¾ inch composite solid core faces in good new condition (both sides). Panel cladding edges to receive post applied PVC edging in matching or complementary colors.
 - b. All panels must be attached to the frame via concealed means. Table's panels must be removable and replaceable without the use of tools. The end gables must be constructed of a minimum 1 inch Particle Board covered by plastic laminate and use a mechanical fastening system.
3. Work Surfaces
- a. Deflection: The work surface must deflect no more than its overall length divided by 180 (L / 180) when tested in accordance with CAN/CGSB M.227-2008.
 - b. The core of the work surfaces must be constructed using a minimum 1 inch particleboard (wheat chaff not acceptable) and shall have High Pressure Laminate (HPL) on both topside of the work surface.
 - c. The work surface must be able to sustain a minimum loading in accordance to BIFMA x5.5.
 - d. The work surface must be supported by an independent steel frame structure.
 - e. All operators' interfacing edges of the work surface must be designed with soft material nosing to limit work surface pressure on the arms. The nosing must be replaceable on site if damaged.
4. Equipment Mounting
- a. The table equipment mounting system must consist of eight trays and able to accommodate 16 full size computer towers (two for each workstation/pop up compartment). Both equipment mounting systems must sit within the base of the table raised above the floor. The equipment housing areas must provide passive air circulation.
 - b. Monitors must be mounted onto the pop up compartments, compartments must accommodate a 22-24” inch LCD monitor, keyboard and mouse.
 - c. The table must have two small holes at each workstation for two ethernet cables to connect to a table top phone.
5. Power Distribution System Panel
- a. The power distribution system (PDS) must supply 8 independent 120 volts AC PDUs at 15 Amps each. Each circuit must be capable of supplying power from an independent source via a minimum 20 foot long power cord with NEMA 5-15 plug.
 - b. The outlets must be of type NEMA 5-15R receptacles. The PDU must have a minimum of eight receptacles. Each PDU must have an independent volt/current display. These do not need to be visible to the operators. The PDU and associated power outlets must all be secured to the console with fastening hardware (no double sided tape permitted).



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- There must be no possibility of a half seated transformer plug energizing the metallic or non-metallic components of the console. All metallic components of the console must be grounded. Each PDU must have a 15 amp breaker that requires manual reset.
- c. The PDU must meet or exceed CSA22.2 NO.203.01 or UL 183 Standard for Safety and be UL listed as a "Manufactured Wiring System" which allows the end user to disconnect and reconnect pre-manufactured products.
6. I/O Distribution Panel
- a. The table must provide eight concealed pop-up grommets (one at each workstation). The compartment must lay flush to the table when not in use. Within the compartment there must be three USB 3.0/2.0 compatible slots, one to each computer below and another as a power source. There must also be a button to activate a KVM switch to toggle the computer monitor, keyboard, and mouse between two computers housed below. There must also be an A/C power outlet. Cabling for the hubs must be integrated into the table cable management system.
 - b. There must be a ninth concealed pop-up grommet at the end of the table. This compartment must also lay flush with the table. Within the compartment there must be two female HDMI connectors, two female Ethernet connects, and two A/C plugs.

A.4 Installation/Design Services

1. Installation services at the locations noted must be included.
2. Installation of table is taking place in an operational environment care must be taken to control noise and provide minimum impact to operation of the centre. This additional effort is expected to reduce the efficiency of the work.
3. Receive, unload, store and transport all products and accessories to the staging and installation site.
4. Unpack and inspect all products and accessories for shipping damage.
5. Make any minor repairs as necessary on site including touching up all minor nicks and scratches that may have occurred during shipping and installation.
6. Install all products and accessories as per the manufacturer's specifications, including any required adjustments, alignments, or programming.
7. Fully clean the product.
8. Clean up the installation site including removing and debris and shipping materials. The installation site must be maintained in a neat, orderly and workmanlike appearance at all times during the installation process.
9. Design layout – The Contractor must work with the Project Authority to design a layout and provide a 2D floor plan and a 3D rendering for review prior to installation.



ANNEX "B"
Basis of Payment

A) Supply, Design, Deliver and Install Technology Table

Line	Description	Quantity	Price (GST extra)
1	Supply, Design, Deliver and Install Technology Table as described in Annex "A"	1	\$

B)
Optional Services

Description	Firm Labour Cost in Year 1	Firm Labour Cost in Year 2	Firm Labour Cost in Year 3
Table take down and set up after initial installation			



ANNEX "C" Security Requirements Checklist

N 2017 1111 3069

Government of Canada / Gouvernement du Canada

Contract Number / Numéro du contrat
Security Classification / Classification de sécurité

SECURITY REQUIREMENTS CHECK LIST (SRCL)
LISTE DE VÉRIFICATION DES EXIGENCES RELATIVES À LA SÉCURITÉ (LVERS)

PART A - CONTRACT INFORMATION / PARTIE A - INFORMATION CONTRACTUELLE		
1. Originating Government Department or Organization / Ministère ou organisme gouvernemental d'origine	RCMP	2. Branch or Directorate / Direction générale ou Direction Federal Policing - BIOC
3. a) Subcontract Number / Numéro du contrat de sous-traitance	3. b) Name and Address of Subcontractor / Nom et adresse du sous-traitant RFP	
4. Brief Description of Work / Brève description du travail RFP for the supply of a technology table for the BIOC. Contractor will require facilities access(escorted by RCMP employees to the BIOC is E-Division headquartes Green Timbers.		
5. a) Will the supplier require access to Controlled Goods? Le fournisseur aura-t-il accès à des marchandises contrôlées?		<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui
5. b) Will the supplier require access to unclassified military technical data subject to the provisions of the Technical Data Control Regulations? Le fournisseur aura-t-il accès à des données techniques militaires non classifiées qui sont assujetties aux dispositions du Règlement sur le contrôle des données techniques?		<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui
6. Indicate the type of access required / Indiquer le type d'accès requis		
6. a) Will the supplier and its employees require access to PROTECTED and/or CLASSIFIED information or assets? Le fournisseur ainsi que les employés auront-ils accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS? (Specify the level of access using the chart in Question 7. c) (Préciser le niveau d'accès en utilisant le tableau qui se trouve à la question 7. c)		<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui
6. b) Will the supplier and its employees (e.g. cleaners, maintenance personnel) require access to restricted access areas? No access to PROTECTED and/or CLASSIFIED information or assets is permitted. Le fournisseur et ses employés (p. ex. nettoyeurs, personnel d'entretien) auront-ils accès à des zones d'accès restreintes? L'accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS n'est pas autorisé.		<input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui
6. c) Is this a commercial courier or delivery requirement with no overnight storage? S'agit-il d'un contrat de messagerie ou de livraison commerciale sans entreposage de nuit?		<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui
7. a) Indicate the type of information that the supplier will be required to access / Indiquer le type d'information auquel le fournisseur devra avoir accès		
Canada <input type="checkbox"/>	NATO / OTAN <input type="checkbox"/>	Foreign / Étranger <input type="checkbox"/>
7. b) Release restrictions / Restrictions relatives à la diffusion		
No release restrictions Aucune restriction relative à la diffusion <input type="checkbox"/>	All NATO countries Tous les pays de l'OTAN <input type="checkbox"/>	No release restrictions Aucune restriction relative à la diffusion <input type="checkbox"/>
Not releasable À ne pas diffuser <input type="checkbox"/>	Restricted to: / Limité à: <input type="checkbox"/>	Restricted to: / Limité à: <input type="checkbox"/>
Specify country(ies): / Préciser le(s) pays:	Specify country(ies): / Préciser le(s) pays:	Specify country(ies): / Préciser le(s) pays:
7. c) Level of information / Niveau d'information		
PROTECTED A PROTÉGÉ A <input type="checkbox"/>	NATO UNCLASSIFIED NATO NON CLASSIFIÉ <input type="checkbox"/>	PROTECTED A PROTÉGÉ A <input type="checkbox"/>
PROTECTED B PROTÉGÉ B <input type="checkbox"/>	NATO RESTRICTED NATO DIFFUSION RESTREINTE <input type="checkbox"/>	PROTECTED B PROTÉGÉ B <input type="checkbox"/>
PROTECTED C PROTÉGÉ C <input type="checkbox"/>	NATO CONFIDENTIAL NATO CONFIDENTIEL <input type="checkbox"/>	PROTECTED C PROTÉGÉ C <input type="checkbox"/>
CONFIDENTIAL CONFIDENTIEL <input type="checkbox"/>	NATO SECRET NATO SECRET <input type="checkbox"/>	CONFIDENTIAL CONFIDENTIEL <input type="checkbox"/>
SECRET SECRET <input type="checkbox"/>	COSMIC TOP SECRET COSMIC TRÈS SECRET <input type="checkbox"/>	SECRET SECRET <input type="checkbox"/>
TOP SECRET TRÈS SECRET <input type="checkbox"/>		TOP SECRET TRÈS SECRET <input type="checkbox"/>
TOP SECRET (SIGINT) TRÈS SECRET (SIGINT) <input type="checkbox"/>		TOP SECRET (SIGINT) TRÈS SECRET (SIGINT) <input type="checkbox"/>

TBS/SCT 350-103(2004/12)

Security Classification / Classification de sécurité





Contract Number / Numéro du contrat

Security Classification / Classification de sécurité

PART A (continued) / PARTIE A (suite)

8. Will the supplier require access to PROTECTED and/or CLASSIFIED COMSEC information or assets?
Le fournisseur aura-t-il accès à des renseignements ou à des biens COMSEC désignés PROTÉGÉS et/ou CLASSIFIÉS? No Yes
Non Oui
If Yes, indicate the level of sensitivity:
Dans l'affirmative, indiquer le niveau de sensibilité :

9. Will the supplier require access to extremely sensitive INFOSEC information or assets?
Le fournisseur aura-t-il accès à des renseignements ou à des biens INFOSEC de nature extrêmement délicate? No Yes
Non Oui

Short Title(s) of material / Titre(s) abrégé(s) du matériel :
Document Number / Numéro du document :

PART B - PERSONNEL (SUPPLIER) / PARTIE B - PERSONNEL (FOURNISSEUR)

10. a) Personnel security screening level required / Niveau de contrôle de la sécurité du personnel requis

<input type="checkbox"/> RELIABILITY STATUS COTE DE FIABILITÉ	<input type="checkbox"/> CONFIDENTIAL CONFIDENTIEL	<input type="checkbox"/> SECRET SECRET	<input type="checkbox"/> TOP SECRET TRÈS SECRET
<input type="checkbox"/> TOP SECRET- SIGINT TRÈS SECRET - SIGINT	<input type="checkbox"/> NATO CONFIDENTIAL NATO CONFIDENTIEL	<input type="checkbox"/> NATO SECRET NATO SECRET	<input type="checkbox"/> COSMIC TOP SECRET COSMIC TRÈS SECRET
<input checked="" type="checkbox"/> SITE ACCESS ACCÈS AUX EMPLACEMENTS			

Special comments:
Commentaires spéciaux : _____

NOTE: If multiple levels of screening are identified, a Security Classification Guide must be provided.
REMARQUE : Si plusieurs niveaux de contrôle de sécurité sont requis, un guide de classification de la sécurité doit être fourni.

10. b) May unscreened personnel be used for portions of the work?
Du personnel sans autorisation sécuritaire peut-il se voir confier des parties du travail? No Yes
Non Oui
If Yes, will unscreened personnel be escorted?
Dans l'affirmative, le personnel en question sera-t-il escorté? No Yes
Non Oui

PART C - SAFEGUARDS (SUPPLIER) / PARTIE C - MESURES DE PROTECTION (FOURNISSEUR)

INFORMATION / ASSETS / RENSEIGNEMENTS / BIENS

11. a) Will the supplier be required to receive and store PROTECTED and/or CLASSIFIED information or assets on its site or premises?
Le fournisseur sera-t-il tenu de recevoir et d'entreposer sur place des renseignements ou des biens PROTÉGÉS et/ou CLASSIFIÉS? No Yes
Non Oui

11. b) Will the supplier be required to safeguard COMSEC information or assets?
Le fournisseur sera-t-il tenu de protéger des renseignements ou des biens COMSEC? No Yes
Non Oui

PRODUCTION

11. c) Will the production (manufacture, and/or repair and/or modification) of PROTECTED and/or CLASSIFIED material or equipment occur at the supplier's site or premises?
Les installations du fournisseur serviront-elles à la production (fabrication et/ou réparation et/ou modification) de matériel PROTÉGÉ et/ou CLASSIFIÉ? No Yes
Non Oui

INFORMATION TECHNOLOGY (IT) MEDIA / SUPPORT RELATIF À LA TECHNOLOGIE DE L'INFORMATION (TI)

11. d) Will the supplier be required to use its IT systems to electronically process, produce or store PROTECTED and/or CLASSIFIED information or data?
Le fournisseur sera-t-il tenu d'utiliser ses propres systèmes informatiques pour traiter, produire ou stocker électroniquement des renseignements ou des données PROTÉGÉS et/ou CLASSIFIÉS? No Yes
Non Oui

11. e) Will there be an electronic link between the supplier's IT systems and the government department or agency?
Disposera-t-on d'un lien électronique entre le système informatique du fournisseur et celui du ministère ou de l'agence gouvernementale? No Yes
Non Oui



Contract Number / Numéro du contrat
Security Classification / Classification de sécurité

PART C - (continued) / PARTIE C - (suite)

For users completing the form **manually** use the summary chart below to indicate the category(ies) and level(s) of safeguarding required at the supplier's site(s) or premises.
 Les utilisateurs qui remplissent le formulaire **manuellement** doivent utiliser le tableau récapitulatif ci-dessous pour indiquer, pour chaque catégorie, les niveaux de sauvegarde requis aux installations du fournisseur.

For users completing the form **online** (via the Internet), the summary chart is automatically populated by your responses to previous questions.
 Dans le cas des utilisateurs qui remplissent le formulaire **en ligne** (par Internet), les réponses aux questions précédentes sont automatiquement saisies dans le tableau récapitulatif.

SUMMARY CHART / TABLEAU RÉCAPITULATIF

Category / Catégorie	PROTECTED / PROTÉGÉ			CLASSIFIED / CLASSIFIÉ			NATO				COMSEC					
	A	B	C	CONFIDENTIAL / CONFIDENTIEL	SECRET	TOP SECRET / TRÈS SECRET	NATO RESTRICTED / NATO DIFFUSION RESTREINTE	NATO CONFIDENTIAL / NATO CONFIDENTIEL	NATO SECRET	COSMIC TOP SECRET / COSMIC TRÈS SECRET	PROTECTED / PROTÉGÉ			CONFIDENTIAL	SECRET	TOP SECRET / TRÈS SECRET
											A	B	C			
Information / Assets / Renseignements / Biens / Production																
IT Media / Support TI / IT Link / Lien électronique																

12. a) Is the description of the work contained within this SRCL PROTECTED and/or CLASSIFIED?
 La description du travail visé par la présente LVERS est-elle de nature PROTÉGÉE et/ou CLASSIFIÉE? No / Non Yes / Oui

If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification".
 Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée « Classification de sécurité » au haut et au bas du formulaire.

12. b) Will the documentation attached to this SRCL be PROTECTED and/or CLASSIFIED?
 La documentation associée à la présente LVERS sera-t-elle PROTÉGÉE et/ou CLASSIFIÉE? No / Non Yes / Oui

If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification" and indicate with attachments (e.g. SECRET with Attachments).
 Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée « Classification de sécurité » au haut et au bas du formulaire et indiquez qu'il y a des pièces jointes (p. ex. SECRET avec des pièces jointes).



ANNEX "D"
Technical Evaluation

Bidders should fill out this table with their bid. The Bidder should include substantiating documentation such as copies of drawings, specification sheets, or certifications that meet each criterion.

Mandatory Criteria

Line	Criterion	Yes or No	In Bid on Page
1	Technology table must be 15'-16' in length, and 8.5'-9' at one end coming to 7' at the other end		
2	Table will accommodate multiple computers, monitors, keyboards, telephone sets and other technology		
3	Table must be constructed in such a way as to allow the unit to transform from a purely flat table surface to have 8 independent left sections for equipment to raise and lower electronically		
4	There must be 4 stations on each side of the table spaced evenly apart, and none at the ends		
5	Surface, trim, and panels to match Wilsonart Studio Teak 7960K-18 to match existing furniture		
6	All supplied equipment must meet the following standards as applicable: Canadian Standards Association (CSA): Canadian Electrical Code Part I CSA C22.1		
7	All supplied equipment must meet the following standards as applicable: American National Standards Institute (ANSI) Business and International Furniture Manufacture Association (BIFMA) ANSI / BIFMA X5.5 – Desk Product		
8	All supplied equipment must meet the following standards as applicable: American Society for Testing and Materials (ASTM). ASTM, ANSI / NEM A LD-3, CGSB testing of coating, surface finishes, adhesive. D523 – Test Method for Specula Gloss D3359 – Standard Test Method for Measuring Adhesion by Tape Test D3363 – Standard Test Method for File Hardness by Pencil Test D4060 – 01 Standard Test Method for Abrasion Resistance of Organic Coating by the Taber Abraser.		
9	All horizontal work surfaces must be made of matching high density particle board (45 lbs / sq. inch) and covered with high pressure laminate with a minimum of 2.5mm PVC edging.		
10	Horizontal Laminated: Gloss- the 60 degree specular gloss of work surfaces must not be more than 45 units when tested in accordance with ASTM D 523. Abrasion Resistance - The loss of finish must not exceed 0.0209 per 500 cycles using a CS-10 wheel, with a 1000g load when tested in accordance with ASTM D 4060-01. Colour Stability - The finish, after exposure, when tested in accordance with ANSI/NEMA LD3, section 3, must not show a		



	<p>change in colour greater than grey scale 4 contrasts by reference to AATCC EP 1.</p> <p>Impact Resistance - There must be no cracking when tested in accordance with ANSI/NEMA LD3, with the following exceptions: The ball drop height must be 762mm (30 inch); the test substrate must be the material to be used for the manufacturers work surfaces; and Trim and edging that may project onto the work surface are exempt from these requirements</p>		
11	<p>Other Laminates:</p> <p>Gloss - The 60 degree specular gloss of other surfaces must not be more than 45 units when tested in accordance with ASTM D 523.</p> <p>Abrasion Resistance - The loss of finish must not exceed 0.0409 per 500 cycles using a CS-10 wheel, with a 1000g load when tested in accordance with ASTM D 4060-01.</p> <p>Colour Stability- The finish, after exposure, when tested in accordance with ANSI/NEMA LD3, section 3, must not show a change in colour greater than grey scale 4 contrasts by reference to AATGC EP 1.</p> <p>Impact Resistance - Impact resistance, when tested in accordance with ANSI/NEMA LD 3, shall comply with the specified requirement, with the following exceptions: The test substrate shall be the material to be used for the manufacture/s work surfaces; Trim and edging that may project onto the work surface are exempt from these requirements</p>		
12	<p>Other Surfaces – Painted (Non-Wood):</p> <p>Gloss- the 60 degree specular gloss of other painted surfaces must not be more than 45 units when tested in accordance with ASTM D 523.</p> <p>Abrasion Resistance - The loss of finish must not exceed 0.0409 per 500 cycles using a CS-10 wheel, with a 1000 g load when tested in accordance with ASTM D 4060-01.</p> <p>Colour Stability- The finish, after exposure, when tested in accordance with ANSI/NEMA LD3, section 3, must not show a change in colour greater than grey scale 4 contrasts by reference to AATCC EP 1.</p> <p>Finish Hardness - The finish must be not less than H, when tested in accordance with ASTM D336305, "scratch hardness" method.</p> <p>Paint Adhesion - The adhesion rating of the painted finish must be at least 48, when tested in accordance with ASTM D 335402, Method B</p>		
13	All metal / steel surfaces must be finished with an epoxy powder coat finish		
14	The table must have a minimum 27 inches of knee well space		
15	All equipment housing areas must be accessible from the front removable panel		
16	<p>Frame System</p> <p>The table frame must be of steel and aluminum construction using a combination of minimum 14-gauge sheet metal and formed in such a way as to provide maximum buckling and torsion resistance. The surface ribbing (Extrusions) must be constructed of thick wall, extruded aluminum. In the course of</p>		



	<p>usage; drop on the unsupported ends must not be more than 10mm.</p> <p>The frame must have eight “pop up” compartments These lifting portions must be raised using a linear drive lifting mechanism, which must be anchored to the base frame structure.</p> <p>The actuator mechanisms must be electronically controlled by an integrated control panel that allows the operator to rise and lower independently keyboard and monitor compartment. The controller must have an electronic numeric height indicator display for each platform to allow the operator to easily remember preferred operating positions.</p> <p>The use of an electric drive system is required; physical demands must not be placed on the end-user when using the “pop up” compartment function.</p> <p>All lift motors must have an overload protection equipped with selectable manual/automatic reset.</p> <p>The lift system must compensate for differential loads from side to side, preventing racking or damage to the structure. Noise level while actuator mechanisms are activated must not exceed 50 dBA</p> <p>Design of the lift system must ensure that if synchronization is lost between the co-operating actuator mechanisms that the lift surface shall not bind (in other words the lift system must be self-healing).</p> <p>Surfaces moving speed must be a minimum of 10 mm/s (.39 in/s)</p> <p>The frame structure must have fully integrated cable management. The base structure must have a minimum of two lateral raceways; the transition from the base to the pop up compartment must have a minimum of one vertical raceway</p>		
17	<p>Console Cladding</p> <p>Table enclosure panels must be fabricated from ¾ inch composite solid core with faces in good new condition (both sides). Panel cladding edges to receive post applied PVC edging in matching or complementary colors.</p> <p>All panels must be attached to the frame via concealed means.</p> <p>Table's panels must be removable and replaceable without the use of tools. The end gables must be constructed of a minimum 1 inch Particle Board covered by plastic laminate and use a mechanical fastening system</p>		
18	<p>Work Surfaces</p> <p>Deflection: The work surface must deflect no more than its overall length divided by 180 (L / 180) when tested in accordance with CAN/CGSB M.227-2008.</p> <p>The core of the work surfaces must be constructed using a minimum 1 inch particleboard (wheat chaff not acceptable) and shall have High Pressure Laminate (HPL) on both topside of the work surface.</p> <p>The work surface must be able to sustain a minimum loading in accordance to BIFMA x5.5.</p> <p>The work surface must be supported by an independent steel frame structure.</p> <p>All operators' interfacing edges of the work surface must be designed with soft material nosing to limit work surface pressure</p>		



	on the arms. The nosing must be replaceable on site if damaged		
19	<p>Equipment Mounting The table equipment mounting system must consist of eight trays and able to accommodate 16 full size computer towers (two for each workstation/pop up compartment). Both equipment mounting systems must sit within the base of the table raised above the floor. The equipment housing areas must provide passive air circulation. Monitors must be mounted onto the pop up compartments, compartments must accommodate a 22-24" inch LCD monitor, keyboard and mouse The table must have two small holes at each workstation for two ethernet cables to connect to a table top phone.</p>		
20	<p>Power Distribution System Panel The power distribution system (PDS) must supply 8 independent 120 volts AC PDUs at 15 Amps each. Each circuit must be capable of supplying power from an independent source via a minimum 20 foot long power cord with NEMA 5-15 plug. The outlets must be of type NEMA 5-15R receptacles. The PDU must have a minimum of eight receptacles. Each PDU must have an independent volt/current display. These do not need to be visible to the operators. The PDU and associated power outlets must all be secured to the console with fastening hardware (no double sided tape permitted). There must be no possibility of a half seated transformer plug energizing the metallic or non-metallic components of the console. All metallic components of the console must be grounded. Each PDU must have a 15 amp breaker that requires manual reset. The PDU must meet or exceed CSA22.2 NO.203.01 or UL 183 Standard for Safety and be UL listed as a "Manufactured Wiring System" which allows the end user to disconnect and reconnect pre-manufactured products.</p>		
21	<p>I/O Distribution Panel The table must provide eight concealed pop-up grommets (one at each workstation). The compartment must lay flush to the table when not in use. Within the compartment there must be three USB 3.0/2.0 compatible slots, one to each computer below and another as a power source. There must also be a button to activate a KVM switch to toggle the computer monitor, keyboard, and mouse between two computers housed below. There must also be an A/C power outlet. Cabling for the hubs must be integrated into the table cable management system. There must be a ninth concealed pop-up grommet at the end of the table. This compartment must also lay flush with the table. Within the compartment there must be two female HDMI connectors, two female Ethernet connects, and two A/C plugs.</p>		