



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

Bid Receiving - PWGSC / Réception des
soumissions - TPSGC
11 Laurier St./ 11 rue, Laurier
Place du Portage, Phase III
Core 0B2 / Noyau 0B2
Gatineau, Québec K1A 0S5
Bid Fax: (819) 997-9776

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

**Proposal To: Public Works and Government
Services Canada**

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: Travaux Publics et Services
Gouvernementaux 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 annexes
ci-jointes, les biens, services et construction énumérés
ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaires

Vendor/Firm Name and Address

**Raison sociale et adresse du
fournisseur/de l'entrepreneur**

Issuing Office - Bureau de distribution

Scientific, Medical and Photographic Division / Division de
l'équipement scientifique, des produits photographiques et
pharmaceutiques
L'Esplanade Laurier
140 O'Connor Street,
East Tower, 7th Floor
Ottawa
Ontario
K1A 0S5

Title - Sujet 3D Visualization System	
Solicitation No. - N° de l'invitation 23240-200521/A	Date 2019-11-26
Client Reference No. - N° de référence du client 23240-200521	
GETS Reference No. - N° de référence de SEAG PW-\$\$PV-904-78090	
File No. - N° de dossier pv904.23240-200521	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-01-06	Time Zone Fuseau horaire Eastern Standard Time EST
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: Frigon, Francine	Buyer Id - Id de l'acheteur pv904
Telephone No. - N° de téléphone (819) 743-4279 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Natural Resources Canada 601 Booth Street, Room 1-111 Ottawa, Ontario K1A 0E8	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée See Herein	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

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PART 1 - GENERAL INFORMATION

1.1 Security Requirements

There is no security requirement applicable to the Contract.

1.2 Requirement

The requirement is detailed under Annex A.

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 Trade Agreements

The requirement is subject to the provisions of the North American Free Trade Agreement (NAFTA), the Canada-European Union Comprehensive Economic and Trade Agreement (CETA), and the Canadian Free Trade Agreement (CFTA).

1.5 epost Connect service

This bid solicitation allows bidders to use 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.

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.

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 (2019-03-04) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of 2003, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days

Insert: 90 days

2.1.1 **SACC Manual Clauses**

SACC Manual clause **B1000T** (2014-06-26) Condition of Material

2.2 **Submission of Bids**

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit at the location specified below, by the date, time and place indicated on page 1 of the bid solicitation.

Bid Receiving - PWGSC

Place du Portage, Phase III, Tower B
11 Laurier Street
Gatineau, Quebec
For couriers: J8X 4A6
For regular mail: K1A 0S5

Telephone: (819) 420-7201

Note: For bidders choosing to submit using epost Connect for bids closing at the Bid Receiving Unit in the National Capital Region (NCR) the email address is:

tpsgc.dgareceptiondessoumissions-abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca

Note: Bids will not be accepted if emailed directly to this email address. This email address is to be used to open an epost Connect conversation, as detailed in Standard Instructions **2003**, or to send bids through an epost Connect message if the bidder is using its own licensing agreement for epost Connect.

The above address is for the sole purpose of bid submission. No other communications are to be forwarded to this address.

No proposal shall be sent directly to the PWGSC Contracting Authority.

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

2.3 **Enquiries - Bid Solicitation**

All enquiries must be submitted in writing to the Contracting Authority no later than ten (10) 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 the province of Ontario.

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.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

If the Bidder chooses to submit its bid electronically, Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions. Bidders must provide their bid in a single transmission. The epost Connect service has the capacity to receive multiple documents, up to 1GB per individual attachment.

The bid must be gathered per section and separated as follows:

Section I: Technical Bid

Section II: Financial Bid

Section III: Certifications

If the Bidder chooses to submit its bid in hard copies, Canada requests that the Bidder submits its bid in separately bound sections as follows:

Section I: Technical Bid (2 hard copies)

Section II: Financial Bid (1 hard copy)

Section III: Certifications (2 hard copies)

If the Bidder is simultaneously providing copies of its bid using multiple acceptable delivery methods, and if there is a discrepancy between the wording of any of these copies and the electronic copy provided through epost Connect service, the wording of the electronic copy provided through epost Connect service will have priority over the wording of the other copies.

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](https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573) (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). 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 demonstrate their understanding of the requirements contained in the bid solicitation and explain how they will meet these requirements. Bidders should demonstrate their capability in a thorough, concise and clear manner for carrying out the work.

The technical bid should address clearly and in sufficient depth the points that are subject to the evaluation criteria against which the bid will be evaluated. Simply repeating the statement contained in the bid solicitation is not sufficient. In order to facilitate the evaluation of the bid, Canada requests that Bidders address and present topics in the order of the evaluation criteria under the same headings. To avoid duplication, Bidders may refer to different sections of their bids by identifying the specific paragraph and page number where the subject topic has already been addressed.

The technical bid consists of the following:

- (a) **Supporting Technical documentation:** Technical brochures or technical data to demonstrate compliancy to the requirement as described in Annex A.
- (b) **List of Products:** Bidders must include a complete product list identifying: the product name; the name of manufacturer; the model and part number of each component which make up the system. Bidders must also state the point of manufacture and shipping of goods or where service is to be performed: The bidder is requested to use the form provided in Annex "C".
- (c) **Installation Plan:** Bidders should include an installation plan (including the installation schedule), which must demonstrate that the Bidder's installation plan meets all the mandatory requirements for installation described Annex "A".
- (d) **Training Plan:** Bidders should include a training plan, which must demonstrate that the Bidder's training plan meets all the mandatory requirements for training described in Annex "A". The training plan must include, at a minimum, a description of the course materials that will be provided to participants; the training schedule; and the duration of the training.
- (e) **Description of the Bidder's Warranty including Maintenance and Support Services:** Bidders should include a description of its Warranty including Maintenance and Support Services, which must be consistent with all the requirements described in Annex "A". At a minimum, Bidders should include the following:
 - (i) Location of available service facilities (after sales service and repair). List the service facilities closest to the destination.
 - (ii) Locations of available replacement parts from consumables to major components.
 - (iii) Response time re: service calls, and escalation schedule, i.e. (how many days with no resolution to a problem until a more experienced person is called in, and from which location).
 - (iv) List the frequency of routine maintenance visits provided by a qualified service technician during the warranty period, if applicable and included in the price.

Section II: Financial Bid

- (a) **Pricing:** Bidders must submit their financial bid in accordance with the Basis of Payment including Annex "B" – Basis of Payment.
- (b) **All Costs to be Included:** The financial bid must include all costs for the requirement described in the bid solicitation for the entire Contract Period, including any option years. The identification of all necessary equipment, software, peripherals, cabling and components required to meet the requirements of the bid solicitation and the associated costs of these items is the sole responsibility of the Bidder.
- (c) **Blank Prices:** Bidders are requested to insert "\$0.00" for any item for which it does not intend to charge or for items that are already included in other prices set out in the tables. If the Bidder leaves any price blank, Canada will treat the price as "\$0.00" for evaluation purposes and may request that the Bidder confirm that the price is, in fact, \$0.00. No bidder will be permitted to add or change a price as part of this confirmation. Any bidder who does not confirm that the price for a blank item is \$0.00 will be declared non-responsive.

3.1.1 Electronic Payment of Invoices – Bid

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Annex "E" Electronic Payment Instruments, to identify which ones are accepted.

If Annex "E" Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

3.1.2 Exchange Rate Fluctuation

SACC Manual clause [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 Evaluation Criteria

The mandatory technical evaluation criteria are detailed in Annex "A", Part 2.1.

4.1.1.2 Point Rated Technical Evaluation Criteria

The point rated technical evaluation criteria are detailed in Annex "A", Part 2.2. The mandatory technical evaluation criteria are detailed in Annex "A", Part 2.1.

4.1.2 Financial Evaluation

The financial evaluation will be conducted by calculating the Total Aggregated Bid Price in accordance with the pricing tables provided in Annex "B" – Basis of Payment.

Evaluation of Price - Bid

The price of the bid will be evaluated in Canadian dollars, Applicable Taxes excluded, DDP Ottawa, Ontario Incoterms® 2010, Canadian customs duties and excise taxes included.

Unless the bid solicitation specifically requires bids to be submitted in Canadian currency, bids submitted in foreign currency will be converted to Canadian currency for evaluation purposes. The rate given by the Bank of Canada in effect on the bid solicitation closing date, or on another date specified in the bid solicitation, will be applied as a conversion factor to the bids submitted in foreign currency.

4.2 Basis of Selection

4.2.1 Basis of Selection - Highest Combined Rating of Technical Merit and Price

4.2.1.1 To be declared responsive, a bid must:

- a) comply with all the requirements of the bid solicitation; and
 - b) meet all mandatory criteria; and
 - c) obtain the required minimum of 0 points overall for the technical evaluation criteria which are subject to point rating.
- The rating is performed on a scale of 56 points.

4.2.1.2 Bids not meeting (a), (b) or (c) will be declared non-responsive.

4.2.1.3 The selection will be based on the highest responsive combined rating of technical merit and price. The ratio will be 70% for the technical merit and 30% for the price.

4.2.1.4 To establish the technical merit score, the overall technical score for each responsive bid will be determined as follows: total number of points obtained / maximum number of points available multiplied by the ratio of 70%.

4.2.1.5 To establish the pricing score, each responsive bid will be prorated against the lowest evaluated price and the ratio of 30%.

4.2.1.6 For each responsive bid, the technical merit score and the pricing score will be added to determine its combined rating.

4.2.1.7 Neither the responsive bid obtaining the highest technical score nor the one with the lowest evaluated price will necessarily be accepted. The responsive bid with the highest combined rating of technical merit and price will be recommended for award of a contract.

The table below illustrates an example where all three bids are responsive and the selection of the contractor is determined by a 70/30 ratio of technical merit and price, respectively. The total available points equals 56 and the lowest evaluated price is \$340,000.00.

Basis of Selection - Highest Combined Rating Technical Merit (70%) and Price (30%)				
		Bidder 1	Bidder 2	Bidder 3
Overall Technical Score		46/56	38/56	30/56
Bid Total Evaluated Bid Price		\$400,000.00	\$375,000.00	\$340,000.00
Calculations	Technical Merit Score	$46/56 \times 70 = 57.5$	$38/56 \times 70 = 47.5$	$30/56 \times 70 = 37.5$
	Pricing Score	$340/400 \times 30 = 25.5$	$340/375 \times 30 = 27.2$	$340/340 \times 30 = 30$
Combined Rating		83	74.7	67.5
Overall Rating		1st	2 nd	3 rd

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 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.

5.1.2.1 Product Conformance

The Bidder certifies that all goods proposed conform, and will continue to conform throughout the period of the contract, to the requirement detailed under Annex A.

To be completed by the bidder

Bidder's authorized representative signature

Date

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 provided 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.

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 There is no security requirement applicable to the Contract.

6.2 Requirement

6.2.1 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) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

6.3.1 General Conditions

2010A (2018-06-21), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

The 2010A (2018-06-21), General Conditions - Goods (Medium Complexity) is appended with Section 32 - Intellectual Property Infringement and Royalties, as follows:

- 1) The Contractor represents and warrants that, to the best of its knowledge, neither it nor Canada will infringe any third party's intellectual property rights in performing or using the Work, and that Canada will have no obligation to pay royalties of any kind to anyone in connection with the Work.
- 2) If anyone makes a claim against Canada or the Contractor concerning intellectual property infringement or royalties related to the Work, that Party agrees to notify the other Party in writing immediately. If anyone brings a claim against Canada, according to Department of Justice Act, R.S. 1985, c. J-2, the Attorney General of Canada must have the regulation and conduct of all litigation for or against Canada, but the Attorney General may request that the Contractor defend Canada against the claim. In either case, the Contractor agrees to participate fully in the defence and any settlement negotiations and to pay all costs, damages and legal costs incurred or payable as a result of the claim, including the amount of any settlement. Both Parties agree not to settle any claim unless the other Party first approves the settlement in writing.
- 3) The Contractor has no obligation regarding claims that were only made because:
 - (a) Canada modified the Work or part of the Work without the Contractor's consent or used the Work or part of the Work without following a requirement of the Contract; or
 - (b) Canada used the Work or part of the Work with a product that the Contractor did not supply under the Contract (unless that use is described in the Contract or the manufacturer's specifications); or
 - (c) the Contractor used equipment, drawings, specifications or other information supplied to the Contractor by Canada (or by someone authorized by Canada); or
 - (d) the Contractor used a specific item of equipment or software that it obtained because of specific instructions from the Contracting Authority; however, this exception only applies if the Contractor has included the following language in its own contract with the supplier of that equipment or software: "[Supplier name]

acknowledges that the purchased items will be used by the Government of Canada. If a third party claims that equipment or software supplied under this contract infringes any intellectual property right, [supplier name], if requested to do so by either [Contractor name] or Canada, will defend both [Contractor name] and Canada against that claim at its own expense and will pay all costs, damages and legal fees payable as a result of that infringement." Obtaining this protection from the supplier is the Contractor's responsibility and, if the Contractor does not do so, it will be responsible to Canada for the claim.

- 4) If anyone claims that, as a result of the Work, the Contractor or Canada is infringing its intellectual property rights, the Contractor must immediately do one of the following:
- (a) take whatever steps are necessary to allow Canada to continue to use the allegedly infringing part of the Work; or
 - (b) modify or replace the Work to avoid intellectual property infringement, while ensuring that the Work continues to meet all the requirements of the Contract; or
 - (c) take back the Work and refund any part of the Contract Price that Canada has already paid.

If the Contractor determines that none of these alternatives can reasonably be achieved, or if the Contractor fails to take any of these steps within a reasonable amount of time, Canada may choose either to require the Contractor to do (c), or to take whatever steps are necessary to acquire the rights to use the allegedly infringing part(s) of the Work itself, in which case the Contractor must reimburse Canada for all the costs it incurs to do so.

6.3.2 Additional General Conditions

6.3.2.1 Conduct of the Work

- 1) The Contractor represents and warrants that:
- a. it is competent to perform the Work;
 - b. it has everything necessary to perform the Work, including the resources, facilities, labour, technology, equipment, and materials; and
 - c. it has the necessary qualifications, including knowledge, skill, know-how and experience, and the ability to use them effectively to perform the Work.
- 2) The Contractor must:
- a. perform the Work diligently and efficiently;
 - b. except for Government Property, supply everything necessary to perform the Work;
 - c. use, as a minimum, quality assurance procedures, inspections and controls generally used and recognized by the industry to ensure the degree of quality required by the Contract;
 - d. select and employ a sufficient number of qualified people;
 - e. perform the Work in accordance with standards of quality acceptable to Canada and in full conformity with the specifications and all the requirements of the Contract;
 - f. provide effective and efficient supervision to ensure that the quality of workmanship meets the requirements of the Contract.

6.3.2.2 Subcontracts

The Contractor may subcontract the supply of goods or services that are customarily subcontracted by the Contractor. Subcontracting does not relieve the Contractor from any of its obligations under the Contract or impose any liability upon Canada to a subcontractor. In any subcontract, the Contractor

agrees to bind the subcontractor by the same conditions by which the Contractor is bound under the Contract, unless the Contracting Authority agrees otherwise, with the exception of requirements under the Federal Contractors Program for employment equity which only apply to the Contractor.

6.3.2.2 Harassment in the workplace

- 1) The Contractor acknowledges the responsibility of Canada to ensure, for its employees, a healthy work environment, free of harassment. A copy of the [Policy on Harassment Prevention and Resolution](#), which is also applicable to the Contractor, is available on the Treasury Board Web site.
- 2) The Contractor must not, either as an individual, or as a corporate or unincorporated entity, through its employees or subcontractors, harass, abuse, threaten, discriminate against or intimidate any employee, contractor or other individual employed by, or under contract with Canada. The Contractor will be advised in writing of any complaint and will have the right to respond in writing. Upon receipt of the Contractor's response, the Contracting Authority will, at its entire discretion, determine if the complaint is founded and decide on any action to be taken.

6.3.2.4 Access to information

Records created by the Contractor, and under the control of Canada, are subject to the [Access to Information Act](#). The Contractor acknowledges the responsibilities of Canada under the [Access to Information Act](#) and must, to the extent possible, assist Canada in discharging these responsibilities. Furthermore, the Contractor acknowledges that section 67.1 of the [Access to Information Act](#) provides that any person, who destroys, alters, falsifies or conceals a record, or directs anyone to do so, with the intent of obstructing the right of access that is provided by the [Access to Information Act](#) is guilty of an offence and is liable to imprisonment or a fine, or both.

6.3.3 Supplemental General Conditions

- | | |
|-------------------|---|
| 4001 (2015-04-01) | Hardware Purchase, Lease and Maintenance, |
| 4003 (2010-08-16) | Licensed Software, and |
| 4004 (2013-04-25) | Maintenance and Support Services for Licensed Software. |

apply to and form part of the Contract.

6.4 Term of Contract

6.4.1 Period of the Contract

The period of the Contract is from March 31, 2020 to March 30, 2026 inclusive.

6.4.2 Delivery Date

All the deliverables must be received and completed on or before March 31, 2020.

6.4.3 Delivery Points

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

Solicitation No. - N° de l'invitation
23240-200521/A
Client Ref. No. - N° de réf. du client
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6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Francine Frigon
Supply Specialist

Public Works and Government Services Canada
Commercial Consumer Products Directorate
140 O'Connor Street, 7th floor
L'Esplanade Laurier (LEL), East Tower
Ottawa, Ontario, K1A 0R5

Telephone: 819-743-4279
E-mail address: francine.frigon@pwgsc-tpsgc.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 Technical Authority *(to be filled in only at contract award)*

The Technical Authority for the Contract is: *(to be filled in only at contract award)*

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

Telephone: _____
E-mail address: _____

The Technical Authority named above 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 Technical Authority, however the Technical 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 Accounts Payable Contact *(to be filled in only at contract award)*

Name:
Telephone:
E-mail address:

6.5.4 Contractor's Representative *(to be completed by the bidder)*

The telephone number (with extension if applicable) of the person responsible for:

General enquiries

Name: _____

Tel. No. _____ ext: _____

E-mail address: _____

Delivery Follow-up

Name: _____

Tel. No. _____ ext: _____

E-mail address: _____

6.6 Payment

6.6.1 Basis of Payment

Table 1 - Initial Requirement

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

Table 2 - Extended Warranty including Maintenance and Support Services

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm lot price, quarterly in arrears. The payment amount will be calculated by dividing the annual firm lot price, as specified under ANNEX B, by four. 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 SACC Manual clause

SACC Manual clause H1001C (2008-05-12) Multiple Payment

6.6.3 Electronic Payment of Invoices – Contract

The Contractor accepts to be paid using any of the following Electronic Payment Instrument(s):

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;
- c. Direct Deposit (Domestic and International);
- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only);
- f. Large Value Transfer System (LVTS) (Over \$25M)

6.7 Invoicing Instructions

6.7.1 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.

6.7.2 Invoices must be distributed as follows:

- (a) The original and one (1) copy must be forwarded to the following address for certification and payment. *(to be filled in at contract award)*

- (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 Ontario.

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 supplemental general conditions:
 - i. 4001, Hardware Purchase, Lease and Maintenance;
 - ii. 4003, Licensed Software;
 - iii. 4004, Maintenance and Support Services for Licensed Software;
- (c) the general conditions 2010A General Conditions - Goods (Medium Complexity);
- (d) Annex A, Requirement;
- (e) Annex "C", List of Products;
- (f) Annex "B", Basis of Payments; and
- (g) the Contractor's bid dated _____ (*insert date of bid*).

6.11 SACC Manual Clauses

SACC Manual clause G1005C (2016-01-28) Insurance
SACC Manual clause B1501C (2018-06-21) Electrical Equipment
SACC Manual clause A2000C (2006-06-16) Foreign Nationals (Canadian Contractor)
SACC Manual clause A2001C (2006-06-16) Foreign Nationals (Foreign Contractor)
SACC Manual clause A9068C (2010-01-11) Government Site Regulations

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6.12 Shipping Instructions

6.12.1 Shipping Instructions - Delivery at Destination

6.12.1.1 Goods must be consigned to the destination specified in the Contract and delivered:

Delivered Duty Paid (DDP) Ottawa, Ontario Incoterms® 2010 for shipments from a commercial contractor.

6.12.1.2 The Contractor will be responsible for all delivery charges, administration, costs and risk of transport and customs clearance, including the payment of customs duties and taxes.

ANNEX A

Part 1 - REQUIREMENT

1. The Geological Survey of Canada at the Lands and Minerals Sector has a requirement for a 3D stereoscopic visualization system for researchers to work collaboratively in exploring, analyzing, and building 3D geological models. The system must meet all of the mandatory technical requirements as specified below and the mandatory evaluation criteria as specified at Part 2.1 – Mandatory Technical Evaluation Criteria. In addition, all bids passing the mandatory technical evaluation criteria will be ranked using point-rated technical criteria at Part 2.2.

The 3D visualization system must meet the following requirements:

1. Size considerations of system

Must be suitable for audiences up to 20 people

Note: Physical dimensions, potential restrictions, and other sizing considerations of location where system will be installed can be found on the attached .pdf's and .jpg's in Annex A - Part 3.

2. Visualization requirements:

- a) Active stereoscopic display.
- b) No perceptible ghosting in 3D.
- c) Enhanced sense of depth.

3. System input and Control

- a) Support inputs from DVI-D, HDMI, DisplayPort, Thunderbolt, USB-C sources
 - i. If some of these can't be directly supported dongle/conversion devices must be provided.
- b) Tablet-based or other source input control device for configuring multiple screen outputs

4. Accessories

3D glasses for 20 people, and all of the necessary equipment required for their operation

5. Delivery and Installation

Must be completed on or before March 31, 2020

6. Installation

On-site installation of the 3D stereoscopic visualization system and related software are the responsibility of the contractor and must be performed by the contractor factory-trained, certified technical representative.

3D stereoscopic functionality must be operational within the client stereo-capable software; Gocad and Paraview.

User's Guide or documentation: Must include a user guide/documentation in English of all publications pertaining to technical specifications, installation requirements and operating instructions.

The Contractor must deliver, install, integrate, and configure all deliverables at the location specified in the Contract.

The Contractor must unpack, assemble, and install the deliverables at the site. If applicable, this includes but is not limited to the provision of required moving and installation resources, packing material, vehicles, cranes, personnel, and floor protection panels.

The Contractor must supply all associated materials required to effect complete installation, integration and configuration of the deliverables at the site. This must include but not be limited to such things as all the required power connectors, cables, and any other accessories required to install, integrate and configure the deliverables.

Upon successful completion of the installation, integration and configuration of the deliverables, the Contractor must provide the Technical Authority with written notification that the deliverables are ready for testing.

The Contractor must maintain all work areas at the installation site(s) in a clean and tidy condition on completion of each day's work and on completion of acceptance, including the removal and disposal of all related packing material.

8. Warranty, Maintenance and Support Services - Table 1

Includes:

- a) Warranty
- b) Travel costs, Labor and Parts
- c) Software updates if applicable
- d) Provide Maintenance and Support Services of the system in accordance with supplemental general conditions 4001 (2015-04-01), Hardware Purchase, Lease and Maintenance.

9. Support Services

The Contractor must provide unlimited technical support, technical phone support, support via the Internet and email support during regular business hours from the delivery of the systems until the end of the contract.

The Contractor must acknowledge a request for service by phone or by email within 24 hours.

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10. Extended Warranty, Maintenance and Support Services for a five-year period – Table 2.

Includes:

- a) Warranty
- b) Travel costs, Labor and Parts
- c) Software updates if applicable
- d) Provide Maintenance and Support Services of the system in accordance with supplemental general conditions 4001 (2015-04-01), Hardware Purchase, Lease and Maintenance.

The requirement must work and operate at all times in accordance with the mandatory technical requirements and the mandatory evaluation criteria as specified below at Part 2.1 - Mandatory Technical Evaluation Criteria.

Part 2 – TECHNICAL EVALUATION

Part 2.1 - MANDATORY TECHNICAL EVALUATION CRITERIA

The following requirements are the mandatory technical evaluation criteria which will be evaluated during the Bid Evaluation. In addition the Contractor will be required to meet all of the mandatory technical requirements for the duration of the Contract

Bidders are requested to cross reference the mandatory technical criteria in a concise format by using page, paragraph(s) & sub-paragraphs as applicable to their supporting technical documentation.

ITEM	MANDATORY CRITERIA (PASS/FAIL)	REFERENCE TO SUBSTANTIATION IN THE TECHNICAL BID.
1	The screen width must exceeds 7.5 feet; and The screen height must exceeds 4.4 feet.	
2	Must provide a minimum of one reference from other client utilizing the 3D stereoscopic functionalities of the display.	
3	The system must include 20 pairs of 3D glasses and any associated hardware required such as emitters for their operation	
4	The system must include hardware to control multiple source of inputs (e.g. laptops, workstations) to display	

Part 2.2 – POINT-RATED TECHNICAL CRITERIA

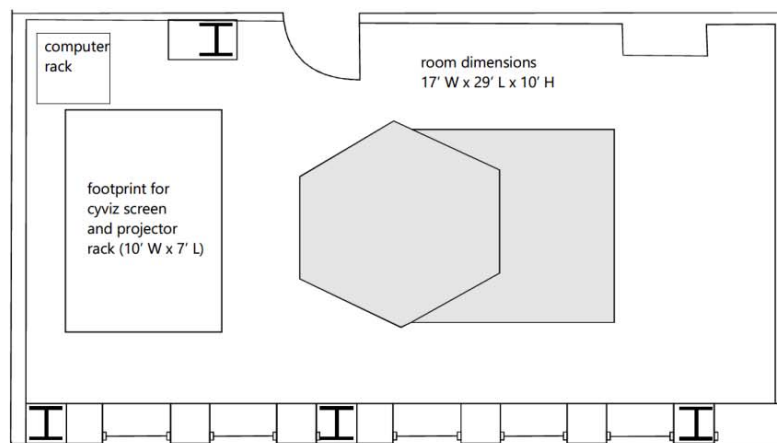
The following are the point-rated technical criteria, which will be evaluated during the Bid Evaluation if all the mandatory technical evaluation criteria (Part 2.1) are satisfied.

Bidders are requested to cross-reference the point-rated technical criteria to be evaluated against in a concise format by using page, paragraph(s) & sub-paragraphs as applicable to their supporting technical documentation.

ITEM	POINT RATED CRITERIA	REFERENCE TO SUBSTANTIATION IN THE TECHNICAL BID.
	<p>Note: linear pro-rating for point allocation applies to all min-max point ranges. For example, if the range of a metric were min = 1 (min_pts=2 pts) and max = 5 (max_points=6 pts) and bid had a metric value of 2 then 3 pts would be awarded.</p> <p>Calc. award points = (min_pts*(max – metric_value) + max_pts(metric_value - min))/(max - min)</p>	
1	<p>Screen Size (up to 4 pts): Every 6 square feet above the minimum (33 square feet) is 1 pt, maximum 10 feet x 5.5 feet.</p>	
2	<p>Visualization metrics (up to 32 pts): PB: Projector-based, TB: Tile/Panel-based</p> <ul style="list-style-type: none"> i. Screen resolution (3 pts) <ul style="list-style-type: none"> a. PB – Minimum: 2560x1440 (1 pts), Maximum: 3840x2160 (3 pts); or b. TB – Minimum: 1920x1080 (1 pts), 0.5 pt for every additional 300x300 increase in resolution ii. Brightness (lumens) (8 pts) <ul style="list-style-type: none"> a. PB – Minimum: 5000 lumens (1 pt), Maximum: 50,000 lumens (8 pts); or b. TB – Minimum: 300 nits (1 pt), Maximum: 1000 nits (8 pts) iii. Viewing angle (7 pts) <ul style="list-style-type: none"> a. PB – Minimum: 30° (1 pt), Maximum: 180° (7 pts); or b. TB – Minimum: 90° (1 pt), Maximum: 180° (7 pts) iv. Contrast (7 pts) <ul style="list-style-type: none"> a. PB – Minimum: 1000:1 (1 pt), Maximum: 6000:1 (7 pts); or b. TB – Minimum: 1000:1 (1 pt), Maximum: 1,000,000:1 (7pts) 	

	<p>v. Lifetime of projector (hours) (4)</p> <p>a. PB – Minimum: 20,000 hours (2 pt), Maximum: 30,000 (4 pts); or</p> <p>b. TB – Minimum: 20,000 hours (2 pt), Maximum: 80,000 (4pts)</p> <p>vi. Frame rates (2)</p> <p>Minimum: 60 hz (1 pt), Maximum: 120 hz (2 pts)</p>	
3	<p>System input and Control (up to 10 pts):</p> <p>i. Ease of use and innovative factors of controlling input and output sources. Innovative factors could be but not limited to ease of integrating video meetings (e.g., via skype, or google hangouts or other), how input sources can be dynamically arranged on the screen.</p> <ul style="list-style-type: none"> - video meeting integration: 5 points - dynamic controls of inputs on screen: 5 points 	
4	<p>Optional VR/AR Feature (up to 10 pts):</p> <p>i. Any solution, which could include software or hardware elements, permitting simultaneous streaming of content on 3D visualization system to a VR and/or AR device would be a bonus.</p> <p>AR solution – 5 pts VR solution – 5 pts</p>	

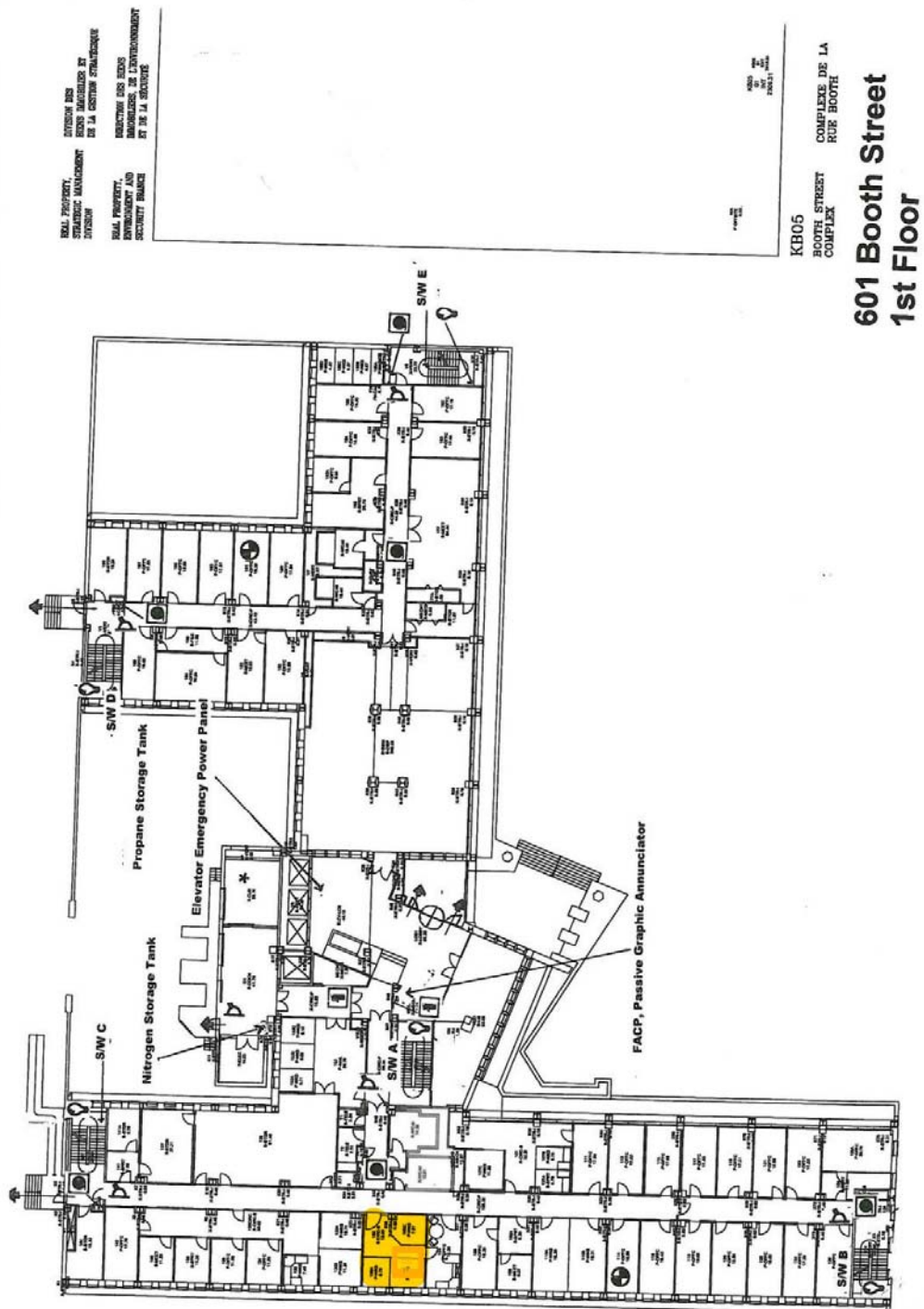
Part 3 - Attachments
Physical dimensions, potential restrictions, and other sizing considerations



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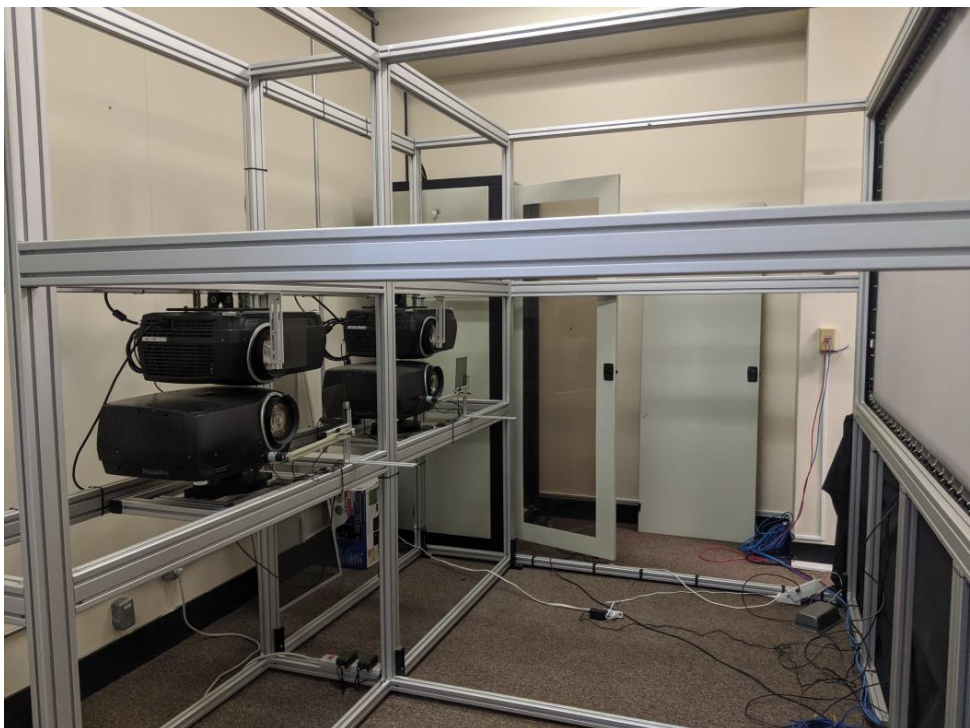
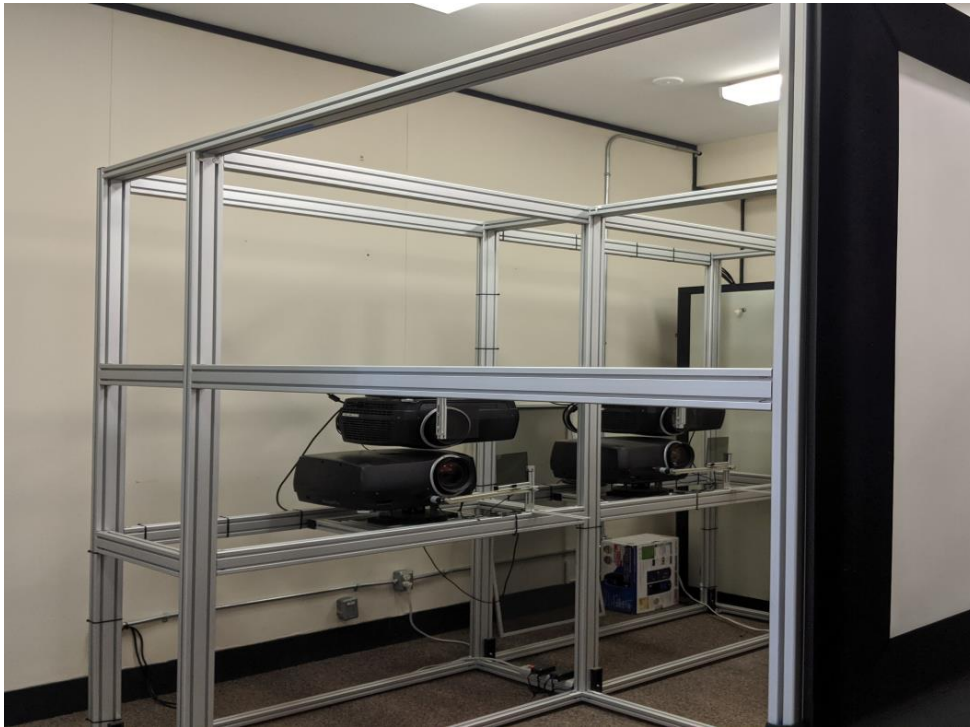
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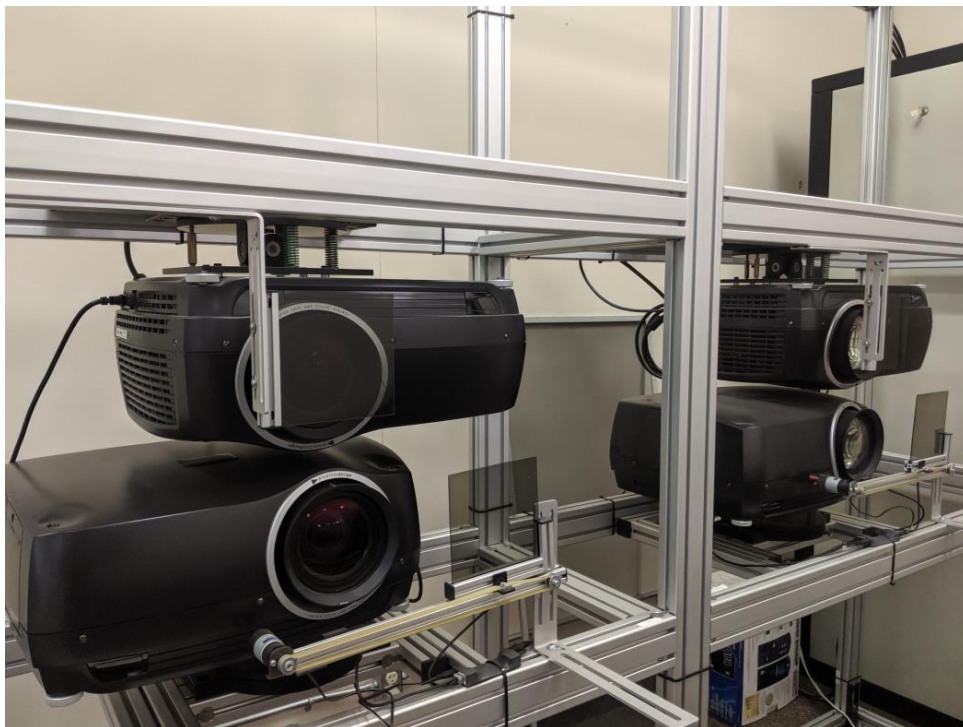
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ANNEX B

BASIS OF PAYMENT

The Bidder must provide all of the pricing requested in the following Tables in accordance with **Article 6.6.1 - Basis of Payment**.

Table 1: Initial Requirement:

Item	Description	Number of Units	Unit of Issue	Firm all inclusive Lot Price	Extended Price (Number of Units X Firm all inclusive Lot Price)
1	A 3D stereoscopic visualization system in accordance with Annex A.	1	Lot	\$	\$
2	Installation in accordance with Annex A	1	Lot	\$	\$
	Evaluated Price (Sum of Items 1 to 2)				\$

Table 2: Extended Warranty including Maintenance and Support Services

Option Year	Description	Unit of Issue	Firm All Inclusive Annual Lot Price
1	Extended Warranty including Maintenance and Support Services in accordance with Annex A.	Annual	\$
2	Extended Warranty including Maintenance and Support Services in accordance with Annex A.	Annual	\$
3	Extended Warranty including Maintenance and Support Services in accordance with Annex A.	Annual	\$
4	Extended Warranty including Maintenance and Support Services in accordance with Annex A.	Annual	\$
5	Extended Warranty including Maintenance and Support Services in accordance with Annex A.	Annual	\$
	Evaluated Price (Sum of Year 1 to Year 5)		\$

Table 3: Total Aggregated Bid Price:

Item	Description	Evaluated Price
1	Table 1: Initial Requirement	As per Evaluated Price from Table 1
2	Table 2: Extended Warranty, Maintenance and Support Services	As per Evaluated Price from Table 2
3	Total Aggregated Bid Price	Sum of Tables 1 and 2

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ANNEX C
LIST OF PRODUCTS

Product Name	Model/Part Number	Name of Manufacture		

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ANNEX D
COMPLETE LIST OF DIRECTORS
(As per Standard Instructions, Clauses and Conditions Part 2)

Name	Position
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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ANNEX E

ELECTRONIC PAYMENT INSTRUMENTS

As indicated in Part 3, clause 3.1.1, the Bidder must identify which electronic payment instruments they are willing to accept for payment of invoices.

The Bidder accepts any of the following Electronic Payment Instrument(s):

- ☐ VISA Acquisition Card;
- ☐ MasterCard Acquisition Card;
- ☐ Direct Deposit (Domestic and International);
- ☐ Electronic Data Interchange (EDI);
- ☐ Wire Transfer (International Only);
- ☐ Large Value Transfer System (LVTS) (Over \$25M)