

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Bid Receiving Public Works & Government Services
Canada/Réception des soumissions Travaux publics et
Services gouvernementaux Canada
1713 Bedford Row
Halifax, N.S./Halifax, (N.E.)
B3J 1T3
Halifax
Bid Fax: (902) 496-5016

SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION

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

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

Comments - Commentaires

Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution
Atlantic Region Acquisitions/Région de l'Atlantique
Acquisitions
1713 Bedford Row
Halifax, N.S./Halifax, (N.E.)
B3J 3C9
Halifax
Nova Scot

Title - Sujet Demolition Services -Argo Bldg, BIO	
Solicitation No. - N° de l'invitation EB144-152031/A	Amendment No. - N° modif. 003
Client Reference No. - N° de référence du client EB144-15-2031	Date 2015-02-13
GETS Reference No. - N° de référence de SEAG PW-\$PWA-123-5198	
File No. - N° de dossier PWA-4-72084 (123)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-02-20	
Time Zone Fuseau horaire Atlantic Standard Time AST	
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: Lockyer (PWA), Jeff	Buyer Id - Id de l'acheteur pwa123
Telephone No. - N° de téléphone (902) 496-5636 ()	FAX No. - N° de FAX (902) 496-5016
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

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

** Remarque: En raison de la nature technique de cette modification, il sera fourni en anglais seulement.

(Due to the technical nature the question will only be provided in English)

Solicitation amendment 003 is being created for the following:

1) Asbestos Abatement – changes to specifications

a. In the specifications; delete “Section 02 82 00.03 Asbestos Abatement- Maximum Precautions” and replace with the attached specification: “Section 01 35 28 Health and Safety for Contaminated Sites”.

2) Asbestos Abatement – clarification

a. PWGSC has identified renovations that were completed in 2007. See attached drawing.

b. The renovations replaced existing interior wall board and flooring materials with new materials that do not contain asbestos. All other areas and all systems may contain contaminated materials as referred to in the Hazardous Material Environmental Management Plan, Page 33, Appendix A of the specifications.

c. Contractors are responsible to determine areas and quantities of hazardous materials to be removed and disposed of. Sketch SK1 is provided as a rough estimate and is by no means intended to provide an estimate of quantities. Refer to specifications for additional instruction.

3) Air Monitoring: Contractor is responsible for air monitoring during the destruction phase of the demolition work. Refer to “Section 01 35 28 Health and Safety for Contaminated Sites” for contractor requirements.

4) On completion of the contract PWGSC shall provide any additional monitoring it deems required .

*** All other terms and conditions remain the same.**

PART 1 - GENERAL

1.1 REFERENCES

- .1 Canadian Standards Association (CSA): Canada
 - .1 CSA-S350-M1980(R2003), Code of Practice for Safety in Demolition of Structures.
- .2 National Building Code 2010 (NBC):
 - .1 NBC 2010, Division B, Part 8 Safety Measures at Construction and Demolition Sites.
- .3 National Fire Code 2010 (NFC):
 - .1 NFC 2010, Division B, Part 2 Emergency Planning, subsection 2.8.2 Fire Safety Plan.
- .4 Province of Nova Scotia:
 - .1 Occupational Health and Safety Act including latest revisions.
 - .2 Workplace Safety and Insurance Act, 1997.
 - .3 Municipal statutes and authorities.

1.2 SUBMITTALS

- .1 Make submittals in accordance with Section 01 33 00.
- .2 Submit site-specific Health and Safety Plan, within 7 days after date of Notice to Proceed and prior to mobilization to site. Address following items:
- .3 Safety and health risk or hazard analysis for each site task and operation found in work plan.
- .4 Develop checklist for items to be inspected on a daily basis. Document actions taken.
- .5 Personnel training requirements including:
 - .1 Names of personnel and alternates responsible for site safety and health, hazards present on site, and use of personal protective equipment.
 - .2 Work practices by which personnel can minimize risks from hazards, safe use of engineering controls and equipment on site, medical surveillance requirements, including recognition of symptoms and signs which might indicate overexposure to hazards, and elements of site-specific Health and Safety Plan.
- .6 Personal protective equipment (PPE) program addressing:
 - .1 Donning and doffing procedures.
 - .2 PPE selection based upon site hazards.
 - .3 PPE use and limitations of equipment.
 - .4 Work mission duration, PPE maintenance and storage.
 - .5 PPE decontamination and disposal.
 - .6 PPE inspection procedures prior to, during, and after use.
 - .7 Evaluation of effectiveness of PPE program, and limitations during temperature extremes, and other appropriate medical considerations.
 - .8 Medical surveillance requirements for personnel assigned to work at site.
 - .9 Frequency and types of air monitoring, personnel monitoring, and

- environmental sampling techniques and instrumentation to be used, including methods of maintenance and calibration of monitoring and sampling equipment.
- .10 Site control measures employed at site including site map, site work zones, use of 'buddy system', site communications including site security, alerting means for emergencies, standard operating procedures or safe work practices, and identification of nearest medical assistance.
 - .11 Decontamination procedures for both personnel and equipment.
 - .12 Emergency response requirements addressing: pre-emergency planning, personnel roles, lines of authority and communication, emergency recognition and prevention, safe distances and places of refuge, site security and control, evacuation routes and procedures, decontamination procedures not covered under decontamination section, emergency medical treatment and first aid, emergency alerting and response procedures, critique of response and follow-up, PPE and emergency equipment, site topography, layout, prevailing weather conditions, and procedures for reporting incidents to local, provincial, or federal agencies.
 - .13 Written respiratory protection program for project activities.
 - .14 Procedures dealing with heat and/or cold stress.
 - .15 Spill containment program if drummed waste material is generated, excavated, stored, or managed on site.
- .7 Departmental Representative will review Contractor's site-specific Health and Safety Plan and provide comments to Contractor within 5 days after receipt of plan. Revise plan as appropriate and resubmit plan to Departmental Representative within 2 days after receipt of comments from Departmental Representative.
 - .8 Medical Surveillance: submit certification of medical surveillance for site personnel, within 7 days after date of Notice to Proceed and prior to mobilization to site. Submit additional certifications as personnel are sent to site.
 - .9 Respirator Fit Testing: submit proof of respirator fit testing for site personnel, within 7 days after date of Notice to Proceed and prior to mobilization to site.
 - .10 On-site Contingency and Emergency Response Plan: address standard operating procedures to be implemented during emergency situations.
 - .11 Off-site Contingency and Emergency Response Plan:
 - .1 Prior to commencing Work involving handling of hazardous materials, develop off-site Contingency and Emergency Response Plan.
 - .2 Plan must provide immediate response to serious site occurrence such as explosion, fire, or migration of significant quantities of toxic or hazardous material from site.

1.3 REGULATORY REQUIREMENTS

- .1 Comply with Acts and regulations of the Province of Nova Scotia.
- .2 Comply with specified standards and regulations to ensure safe operations at site.
- .3 In event of conflict between any provisions of specified standards and regulations, the most stringent provision governs.

1.4 SITE CONDITIONS

- .1 Work at site will involve contact with:
 - .1 Asbestos containing materials.
 - .2 PCB's.

1.5 GENERAL REQUIREMENTS

- .1 Develop written site-specific Health and Safety Plan prior to commencing site Work and continue to implement, maintain, and enforce plan until final demobilization from site. Health and Safety Plan must address project specifications.
- .2 Ensure Health and Safety guidelines provide for safe and minimal risk working environment for site personnel and minimize impact of activities involving contact with hazardous materials or hazardous wastes on general public and surrounding environment.
- .3 Relief from or substitution for portion or provision of minimum Health and Safety Guidelines specified or reviewed site-specific Health and Safety Plan must be submitted to Departmental Representative in writing. Departmental Representative will respond in writing, either accepting or requesting improvements.

1.6 RESPONSIBILITY

- .1 Be responsible for safety of persons and property on site and for protection of persons off site and environment to extent that they may be affected by conduct of Work.
- .2 Comply with and enforce compliance by employees with safety requirements of Contract Documents, applicable federal, provincial, and local statutes, regulations, and ordinances, and with site-specific Health and Safety Plan.
- .3 Where applicable the Contractor shall be designated "Constructor", as defined by Provincial Act.

1.7 HAZARD COMMUNICATION REQUIREMENTS

- .1 Comply with Workplace Hazardous Materials Information System (WHMIS) Regulation, R.R.O.
- .2 Comply with Canada Labour Code, Canada Occupational Safety and Health Regulations, Part X - Hazardous Substances.
- .3 Provide Departmental Representative with Material Safety Data Sheets (MSDS) and documentation on any "hazardous" chemical that Contractor or Contractor Representatives plan to bring onto site.

1.8 WORK STOPPAGE

- .1 Give precedence to safety and health of public and site personnel and protection of environment over cost and schedule considerations for Work.

- .2 Assign responsibility and obligation to Health and Safety Officer where required to stop or start Work when, at Health and Safety Officer's discretion, it is necessary or advisable for reasons of health or safety. Departmental Representative may also stop Work for health and safety considerations.

1.9 UNFORESEEN HAZARDS

- .1 Should unforeseen or peculiar safety-related factor, hazard, or condition become evident during performance of Work, stop work and immediately advise Departmental Representative verbally and in writing.
- .2 Follow procedures in place for Employees Right to Refuse Work as specified in the Act for the Province of Nova Scotia.

1.10 PERSONNEL HEALTH, SAFETY, AND HYGIENE

- .1 Medical Surveillance:
 - .1 Conduct medical surveillance of personnel as required by specified regulations.
- .2 Training: ensure personnel entering site are trained in accordance with specified personnel training requirements. Training session must be completed by Health and Safety Officer.
- .3 Levels of Protection: establish levels of protection for each Work area based on planned activity and location of activity. Minimum PPE required for each level of protection as follows:
- .4 Level C:
 - .1 Respiratory: full-face respirator, Cartridge - MSA GME-H (GME-P100) halfmask, Cartridge - MSA GME-H (GME-P100).
 - .2 Head, Eye, Ear Protection: hard hat, goggles, safety glasses with sideshields, face shield, chemical goggles, ear muffs or plugs.
 - .3 Hand Protection: gloves, undergloves and /or overgloves.
 - .4 Foot Protection: safety shoes, disposable overboots.
 - .5 Clothing: chemically resistant coverall.
- .6 Level D:
 - .1 Head, Eye, Ear Protection: hard hat, goggles or safety glasses with sideshields, ear muffs or plugs, face mask, respirator.
 - .2 Clothing: standard work uniform.
- .7 Anticipated levels of personal protection based on work activity are as follows:

Work Activity	Anticipated Level of Personal Protection
Asbestos removal	Level C
Demolition	Level D

- .8 Personal Protective Equipment:
 - .1 Furnish site personnel with appropriate PPE as specified above. Ensure that safety equipment and protective clothing is kept clean and maintained.
- .9 Develop protective equipment usage procedures and ensure that procedures are strictly followed by site personnel; include following procedures as minimum:
 - .1 Ensure prescription eyeglasses worn are safety glasses and do not permit

contact lenses on site within work zones.

.2 Ensure footwear is steel-toed safety shoes or boots and is covered by rubber overshoes when entering or working in potentially contaminated work areas.

.3 Dispose of or decontaminate PPE worn on site at end of each workday.

.4 Decontaminate reusable PPE before reissuing.

.5 Ensure site personnel have passed respirator fit test prior to entering potentially contaminated work areas.

.6 Ensure facial hair does not interfere with proper respirator fit.

.10 Respiratory Protection:

.1 Provide site personnel with extensive training in usage and limitations of, and qualitative fit testing for, air purifying and supplied-air respirators in accordance with specified regulations.

.2 Develop, implement, and maintain respirator program.

.3 Monitor, evaluate, and provide respiratory protection for site personnel.

.4 Ensure levels of protection as listed have been chosen consistent with site-specific potential airborne hazards associated with major contaminants identified on site.

.5 In absence of additional air monitoring information or substance identification, minimum levels of respiratory protection will be required as per .7 above.

.6 Immediately notify Departmental Representative when level of respiratory protection required increases.

.7 Ensure appropriate respiratory protection during work activities. As minimum requirement, ensure that persons entering potentially contaminated work areas are supplied with and use appropriate respiratory protection.

.8 Assess ability for site personnel to wear respiratory protection.

.9 Ensure site personnel are able to pass respirator fit test prior to entering potentially contaminated work areas.

.11 Personnel Hygiene and Personnel Decontamination Procedures. Provide minimum as follows:

.1 Suitable containers for storage and disposal of used disposable PPE.

.2 Potable water and suitable sanitation facility.

.13 Emergency and First-Aid Equipment:

.1 Locate and maintain emergency and first-aid equipment in appropriate location on site including first-aid kit to accommodate number of site personnel; portable emergency eye wash; two 9 kg ABC type dry chemical fire extinguishers.

.14 Site Communications:

.1 Post emergency numbers near site telephones.

.2 Ensure personnel use of "buddy" system and develop hand signal system appropriate for site activities.

.3 Provide employee alarm system to notify employees of site emergency situations or to stop Work activities if necessary.

.4 Safety Meetings: conduct mandatory daily safety meetings for personnel, and additionally as required by special or work-related conditions; include refresher training for existing equipment and protocols, review ongoing safety issues and protocols, and examine new site conditions as encountered. Hold additional safety meetings on as-needed basis.

1.12 AIR MONITORING

- .1 Air Monitoring Program:
 - .1 Develop air monitoring program meeting specified requirements.
 - .2 During progress of work activities, monitor air quality in and around work zones. Conduct monitoring on regular periodic basis, and additionally as required by special or work-related conditions. Report departures from general background to Departmental Representative who will, in conjunction with Health and Safety Officer, determine when operations should be shut down and restarted.
 - .4 Operate air monitoring equipment with personnel trained in equipment provided.
 - .5 Conduct air monitoring on routine basis around active work locations. Perform hourly monitoring minimum and additionally as dictated by site activities.
- .2 Air Monitoring Reporting: report air monitoring results daily to Departmental Representative on separate form.

1.13 CONTINGENCY AND EMERGENCY RESPONSE

- .1 Meet specified requirements.
- .2 Arrange and attend co-ordination meeting held with appropriate authorities including City, Fire, Hospital, Provincial and City Police, Ministry of Transportation, Ministry of Health, and Community Emergency Co-ordinator; meeting will identify off-site Emergency Response Co-ordinator through whom information and co-ordination will occur in event of incident.

1.14 SITE CONTROL

- .1 Meet specified requirements.

PART 2 - PRODUCTS

2.1 NOT USED

- .1 Not Used.

PART 3 - EXECUTION

3.1 NOT USED

- .1 Not Used.

LEGEND.

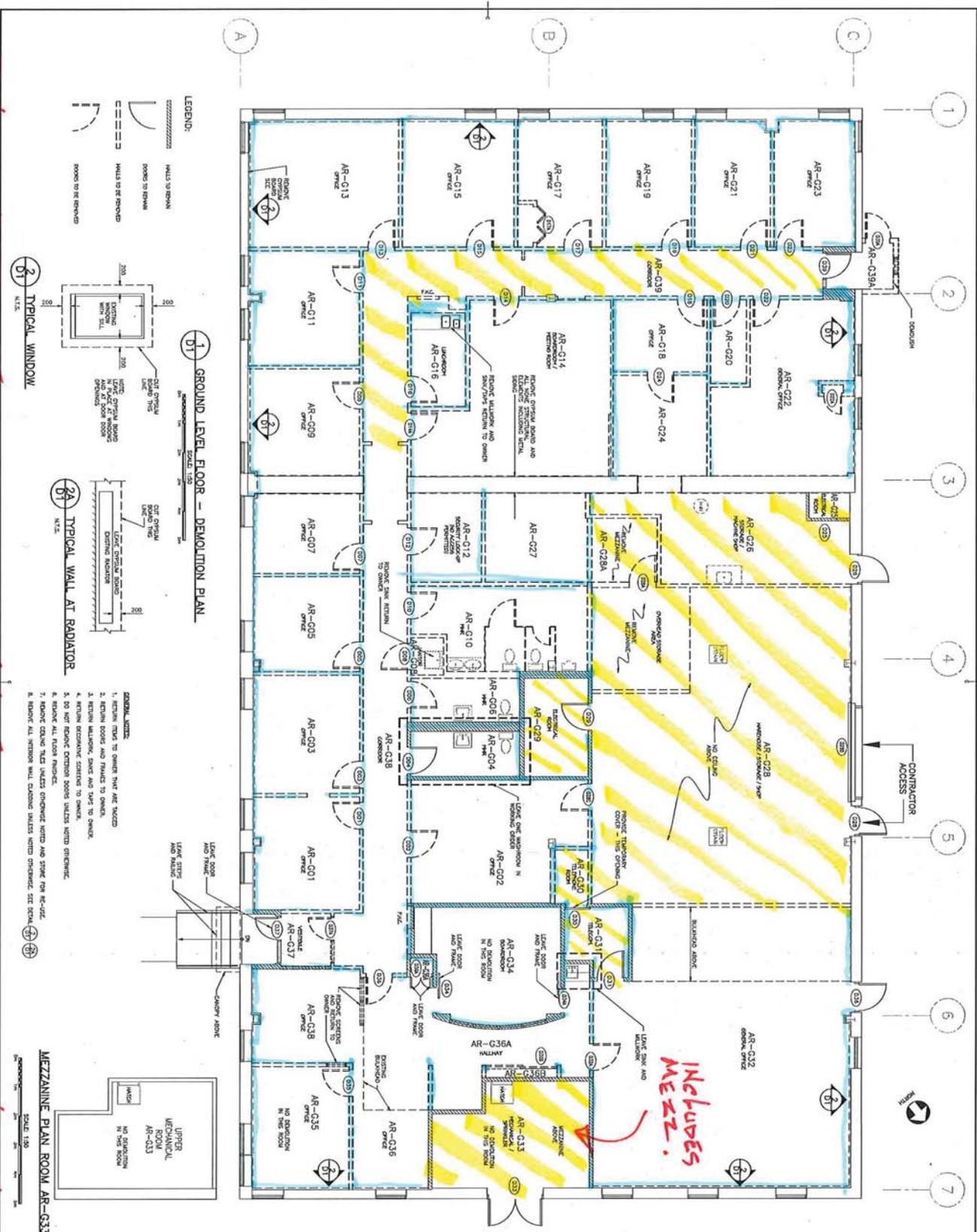
NEW
 CONST.
 2007

EXIST'G.
 CONST.
 PRE-
 2007

ARGO BUILDING
 BEDFORD INSTITUTE OF
 OCEANOGRAPHY
 DARTMOUTH, NS

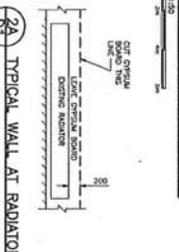
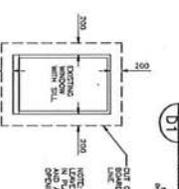
DEMOLITION
 FLOOR PLAN

Project Name	ARGO BUILDING
Project No.	2015-01
Revision	01
Date	2015-01
Author	1010 Main
Checker	1010 Main
Scale	AS SHOWN
Sheet No.	D1 OF 3
Project No.	R.069793.001



LEGEND:

- MAINT. TO REMAIN
- MAINT. TO BE DEMOL.
- MAINT. TO BE REPAIR
- MAINT. TO BE REPAIR
- MAINT. TO BE REPAIR



- GENERAL NOTES:
- REMOVE WALLS TO EXPOSE THE AIR TRACES.
 - REMOVE DOORS AND FRAMES TO EXPOSE.
 - REMOVE WALLS, SLABS AND PARTS TO EXPOSE.
 - REMOVE CEILING SYSTEMS TO EXPOSE.
 - DO NOT REMOVE EXISTING DOORS UNLESS NOTED OTHERWISE.
 - REMOVE ALL FLOOR FINISHES.
 - REMOVE CEILING TRAYS UNLESS OTHERWISE NOTED AND STORE FOR RE-USE.
 - REMOVE ALL WINDOW WALL CLADDING UNLESS NOTED OTHERWISE. SEE SCALE 1/8"=1'-0".



RUCSC ESTIMATE OF EXCESS OF 2007

ISSUED WITH ADDENDUM ONE - FEB. 13, 15