



## **ADDENDUM # 2**

*Solicitation Number: 19-1267*

*Title: Asbestos Remediation – Building 20 - CEF, Ottawa*

*Date: March 6<sup>th</sup>, 2020*

The following supplements and/or supersedes the Invitation to Tender documents issued on February 21<sup>st</sup>, 2020. This addendum forms part of the contract documents and is to be read, interpreted, and coordinated with all other parts. Any change to the cost of the work as a result of this addendum is to be included in the price proposal. The following revisions supersede the information contained in the original Invitation to Tender Package for the above-mentioned project to the extent referenced and shall become part thereof.

### **QUESTIONS AND ANSWERS (Q & A)**

**Q 1. After reviewing the tender documents, we understand that the works must be carried out in a single intervention / mobilization "continuous work, from the start to the end of the project ...".**

**a) However, we would like to know if any building sectors will be in operation during the works (if so, which ones?).**

**b) Also, would it be possible to obtain some photographs of the interior of the building? Is the material substance report available?**

A 1. a) The building is occupied and will be fully operational during the execution of this project. Areas will be made available to facilitate the work.

b) See provided photos below. The DSR will be provided to the winning bidder.

**Q 2. The spreadsheet comments and precautionary measures indicate a mix risk level and abatement method for the pipechase items. Many are identified as moderate and moderate glove-bag with some high risk (debris).**

**Our abatement approach would be to use glove bag method with floor poly for all items. Is this acceptable to the consultant ?**

A 2. The work is to be performed in accordance with the specification.

**Q 3. How many access points / doors are there for the pipechase areas within each floor ?**

A3. There are 44 access points/doors leading into the pipechases per floor.

**ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.**

End of Addendum #2

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**Canadian Experimental Farm: Building 20**  
**Photographs of Representative Damaged Asbestos-Containing Materials**

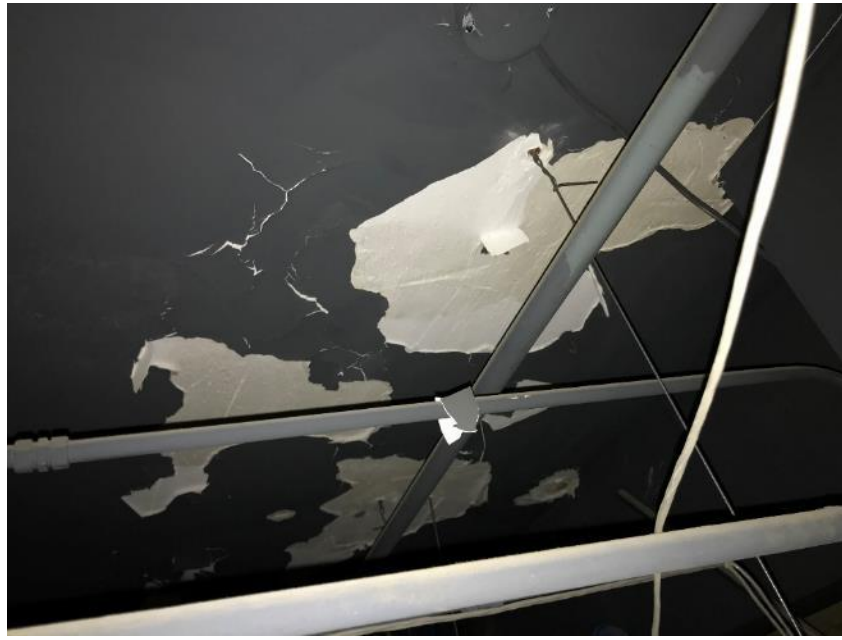


**Photo 1:** Room B-48, above ceiling tiles, Poor Condition Plaster and Debris



**Photos 2 & 3:** Rooms B577-B59, above ceiling tiles, Poor Condition Plaster and Debris

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**Photo 4:** Room B58, Poor Condition Plaster above ceiling tiles



**Photo 5:** Room B58, Plaster Debris located on Ceiling tiles and lights



**Photo 6:** Room B61 Poor Condition Wall Plaster and Debris



**Photo 7:** Room B71 and B71A Poor Condition Plaster and Debris located above and on Ceiling tiles



**Photo 8:** Room B71 and B71A Poor Condition Plaster and Debris located above and on Ceiling tiles



**Photo 9:** Room B84 Poor Condition Plaster and Debris located on Ceiling Tiles



**Photo 10:** Room B85 Poor Condition Plaster and Debris located on Ceiling Tiles.



**Photo 11:** Room B86A Poor Condition Wall Plaster and Debris



**Photo 12:** Corridor B85-B90 Poor Condition Vinyl Floor Tile



**Photo 13:** Room B87 Poor Condition Ceiling Plaster



**Photo 14:** Pipe chase 1007-1009 Poor Condition Pipe Fitting and Aircell Pipe Insulation



**Photo 15:** Pipe chase 1020-1022 Poor Condition Pipe Fittings and Debris





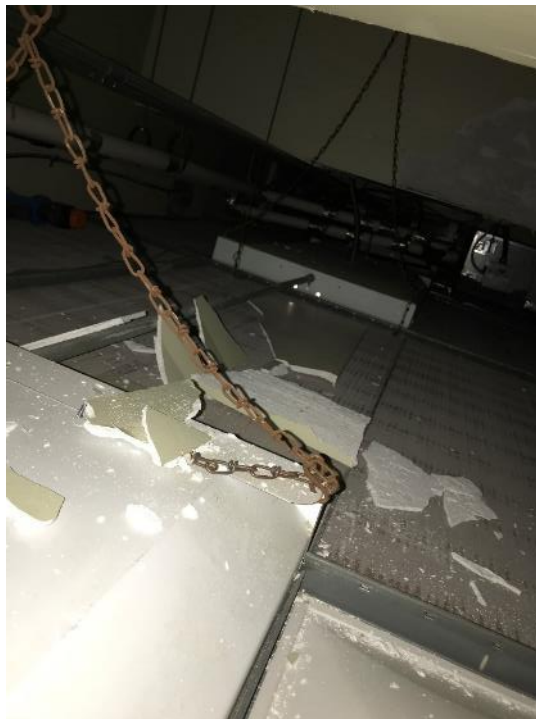
**Photo 16:** Pipe chase 1022-1024 Poor Condition Pipe Fittings



**Photo 17:** Pipe chase 1022-1024 Poor Condition Pipe Fittings and Aircell Pipe Insulation



**Photo 18:** Pipe chase 1043-1045 Poor Condition Aircell Pipe Insulation



**Photo 19:** Room 1059, Poor Condition Ceiling Plaster and Plaster Debris located on Ceiling Tiles



**Photo 20:** Room 1061A, Poor Condition Ceiling Plaster and Plaster Debris



**Photo 21:** Room 1061A, Poor Condition Ceiling Plaster and Plaster Debris



**Photo 22:** Room 1065A, Poor Condition Ceiling Plaster



**Photo 23:** Room 1065B, Poor Condition Ceiling Plaster



**Photos 24 & 25:** Room 1079, Poor Condition Ceiling Plaster and Plaster Debris



**Photo 26:** Room 1081, Poor Condition Ceiling Plaster and Plaster Debris Located on Ceiling Tiles



**Photo 27:** Room 1103, Poor Condition Ceiling Plaster and Plaster Debris



**Photo 28:** Room 1103A, Poor Condition Ceiling Plaster and Plaster Debris located on Ceiling Tiles



**Photo 29:** Room 1105, Poor Condition Ceiling Plaster and Plaster Debris located on Ceiling Tiles and Light fixtures.



**Photo 30:** Room 1117, Poor Condition Ceiling Plaster located above Ceiling Tiles



**Photo 31:** Room 1120, Poor Condition Ceiling Plaster located above Ceiling Plaster



**Photo 32:** Room 1121A, Poor Condition Ceiling Plaster and Plaster Debris located on and above Ceiling Tiles





**Photo 33:** Room 1139, Poor Condition Ceiling Plaster and Plaster Debris located on and above Ceiling tiles/Light fixtures



**Photo 34:** Pipe chase 2001-Stairwell, Poor Condition Pipe Fitting located below floor grate



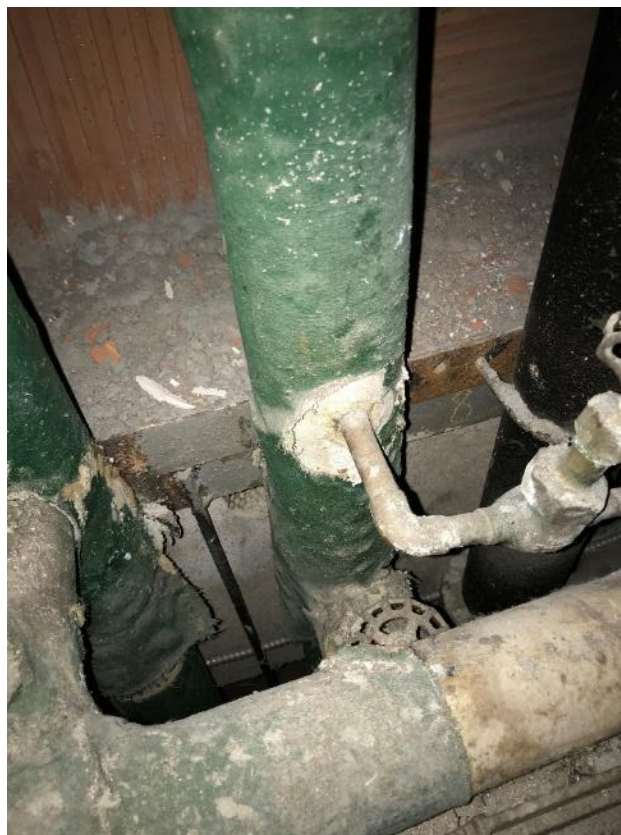
**Photo 35:** Pipe chase 2012-2014, Poor Condition Pipe Fitting and Aircell Pipe Insulation



**Photo 36:** Pipe chase 2018-2020, Poor Condition Pipe Fittings



**Photo 37:** Pipe chase 2020-2022, Poor Condition Pipe Fitting located at floor grate



**Photo 38:** Pipe chase 2020-2022, Poor Condition Pipe Fittings and Aircell Pipe Insulation with Debris



**Photo 39:** Pipe chase 2022-2024, Poor Condition Pipe Fittings and Aircell Pipe Insulation located at floor grate



**Photo 40:** Pipe chase 2026-2028, Poor Condition Pipe Fitting and Aircell Pipe Insulation with Debris



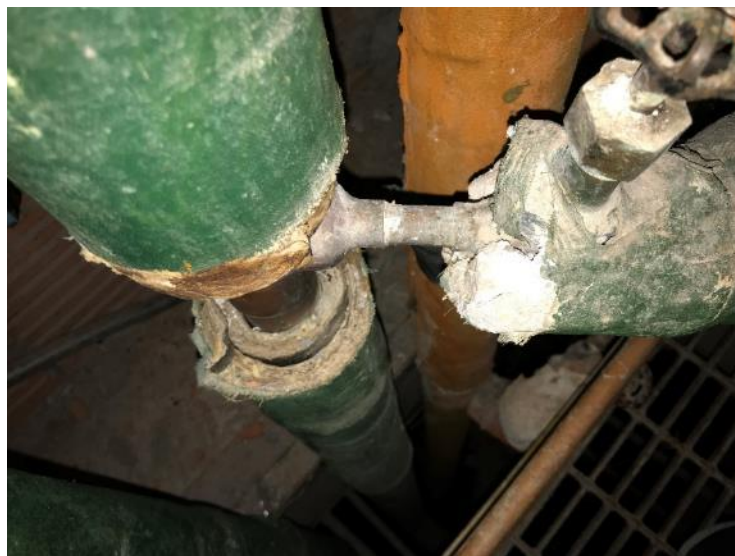
**Photo 41 & 42:** Pipe chase 2028-2030, Poor Condition Pipe Fittings with Poor Condition Aircell Pipe Insulation and Debris



**Photo 43 & 44:** Pipe chase 2043-2045, Poor Condition Pipe Fittings and Aircell Pipe Insulation



**Photo 45:** Pipe chase 2044-2046, Poor Condition Aircell Pipe Insulation



**Photo 46:** Pipe chase 2046-2048, Poor Condition Pipe Fittings and Aircell Pipe Insulation



**Photo 47:** Room 2057, Poor Condition Ceiling Plaster and Plaster Debris located on and above Ceiling tiles



**Photo 48:** Room 2067, Poor Condition Ceiling Plaster and Plaster Debris located on and above Ceiling Tiles



**Photo 50:** Room 2087, Poor Condition Ceiling Plaster and Plaster Debris located on and above the Ceiling Tiles



**Photo 51:** Room 2090, Poor Condition Ceiling Plaster and Plaster Debris located on and above the ceiling tiles.





**Photo 52:** Room 2109, Poor Condition Wall and Ceiling Plaster located above ceiling tiles



**Photo 53:** Room 2117, Poor Condition Ceiling Plaster and Plaster Debris located on and above ceiling tiles



**Photo 54:** Room 2119, Poor Condition Ceiling Plaster and Plaster Debris located on and above ceiling tiles and light fixtures.



**Photo 55:** Room 2130, Poor Condition Ceiling Plaster and Plaster Debris located on and above ceiling tiles



**Photo 56:** Room 3098, Poor Condition Ceiling Plaster and Plaster Debris located above ceiling tiles



**Photo 57:** Common room of rooms 3109-3113, Poor Condition Poor Ceiling and Wall Plaster



**Photo 58:** Room 3115-3117, Poor Condition Pipe Fitting and Ceiling Plaster



**Photo 59:** Room 3119, Poor Condition Wall Plaster and Debris located on Windowsill



**Photo 60:** Room 3121-311A, Poor Condition Wall Plaster located on ceiling



**Photo 61:** Room 3135, Poor Condition Ceiling Plaster on I-beam



**Photo 62:** Room 3135B, Poor Condition Wall Plaster and Debris located on windowsill



**Photo 63:** Room 3135E, Poor Condition Ceiling Plaster



**Photo 64:** Room 3135G, Poor Condition Ceiling Plaster and Debris located above Ceiling Tiles



**Photo 65:** Room 3135H, Poor Condition Ceiling Plaster and Debris located above Ceiling Tiles



**Photo 66:** Pipe chase 4001-Stairwell, Poor Condition Aircell Pipe Insulation



**Photo 67:** Pipe chase 4001-4003, Poor Condition Pipe Fittings and Aircell Pipe Insulation





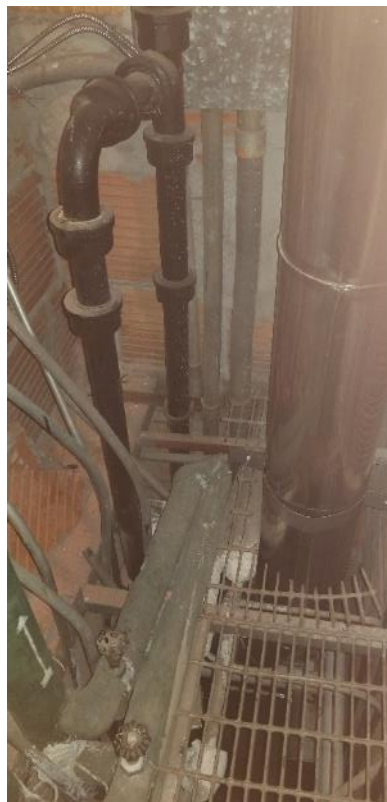
**Photo 68:** Pipe chase 4002-4004, Poor Condition Aircell Pipe Insulation and Debris



**Photo 69:** Pipe chase 4003-4005, Poor Condition Aircell Pipe Insulation and Debris



**Photo 70:** Pipe chase 4035-4037, Poor Condition Aircell Pipe Insulation and Debris located on floor grate



**Photo 71:** Pipe chase 4035-Elevator, Poor Condition Pipe Fittings and Aircell Pipe Insulation located below floor grate



**Photo 72:** Pipe chase 4037-4039, Poor Condition Pipe Fitting



**Photo 73:** Pipe chase 4037-4039, Poor Condition Aircell Pipe Insulation and Pipe Fitting



**Photo 74:** Pipe chase 4041-4043, Poor Condition Aircell Pipe Insulation



**Photo 75:** Pipe chase 4049-Stairwell, Poor Condition Aircell Pipe Insulation



**Photo 76:** Room 4090, Poor Condition Ceiling Plaster and Debris located above and on ceiling tiles



**Photo 77:** Room 4091, Poor Condition Ceiling Plaster and Plaster Debris located on and above ceiling tiles and on light fixtures



**Photo 78:** Room 4093, Poor Condition Ceiling Plaster located above ceiling tiles



**Photo 79:** Room 4097, Poor Condition Ceiling Plaster and Ceiling Plaster Debris located above and on ceiling tiles



**Photo 80:** Room 4102, Poor Condition Ceiling Plaster and Plaster Debris located above Ceiling Tiles



**Photo 81:** Room 4107, Poor Condition Ceiling Plaster and Plaster Debris located on and above ceiling tiles



**Photo 82:** Room 4109, Poor Condition Ceiling Plaster and Plaster Debris located on and above ceiling tiles and light fixtures



**Photo 83:** Room 4111, Poor Condition Ceiling Plaster and Plaster Debris located on and above ceiling tiles and light fixtures





**Photo 84:** Room 4115, Poor Condition Ceiling Plaster and Plaster Debris located on and above ceiling tiles and light fixtures