



Project: 821255 – Dispatch Systems (CAD, RMS, Radio) – Iqaluit Radio Communication Tower - RFT No.: 2022-RFT-0032

Addendum No. 02 **No. of Pages: 2**

Date: May 31, 2022 **Doc. No.: P7201-2049695664-103 (1.0)**

The following change(s) in the Request for Tender Documents No. 2022-RFT-0032 are effective immediately.

This Addendum forms part of the Contract Documents.

ITEM	DESCRIPTION	ACTION
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Question 1:

Antenna Loading – Antenna models, elevations, azimuths, coax type, size and quantity?

Response 1:

From the Draft tower spec. The City of Iqaluit is not aware of the azimuths for the panel antennas – those are the RCMP’s and the azimuth does not materially affect loading – it’s the angle of elevation.

Antenna Manufacturer	Model No.	TX-LINE	Elevation
Sinclair	SD212	LDF5	33.0M
Comprod	872F-70TM	LDF5	33.0M
Cambium Networks	650 Panel	CAT6-OSP	33.0M
Sinclair	SD212	LDF5	29.0M
Cambium Networks	650 Panel	CAT6-OSP	28.0M
Sinclair	SD312HF2P	LDF5	26.5M
Sinclair	SC442D-HF1LDF	LDF5	25M

Question 2:

Please provide Wind data. Site specific from Environment Canada. This would be good to order if it hasn’t been.

Response 2:

The City of Iqaluit assumes the design of the tower should include specific wind speeds for the area and that the tower designer would provide the details used to design the tower. Credible wind data for Iqaluit is readily available on the Internet.

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Question 3:

Please provide Geotechnical information specific to the tower location.

Response 3:

Geotechnical Information can be found in Attachment A under “Design Criteria” Section 2.3.1 B.

Question 4:

Lighting / paint requirement. Should it be supported by a Transport Canada application or specified by the client?

Response 4:

Lighting information is available in Attachment A under “Lighting System and Control” Section 2.3.5 A.

Question 5:

Foundation type – Any preference? Geo report may answer this question.

Response 5:

Geotechnical Information is available in Attachment A under “Design Criteria” Section 2.3.1 B.

Question 6:

Is there any limitation on the tower footprint/face it will take up?

Response 6:

No, there's no limitation.

Question 7:

Any specific grounding requirement?

Response 7:

Grounding requirements can be found in Attachment A under “Grounding” Section 2.4.3 A through G.

Question 8:

Please provide lat/long of tower location.

Response 8:

Tower's location is available in Attachment A under “Site Locations” Section 2.1

Site Name	Lat	Long
Iqaluit Fire Training Centre	63.735528	-68.538494