



June 4, 2024

ADDENDUM No. 2

Invitation to Quote PS-24-05 COMMUNICATION TOWER INSPECTIONS

*The addendum is being issued prior to the closing of the Invitation to Quote (ITQ) to provide further information, make changes to, or to clarify the ITQ Documents and is to be read, interpreted and coordinated with all other parts of the ITQ Documents. In the case of a conflict with the balance of the documents, this Addendum shall govern. **Bidders shall attach a signed copy of this addendum to their bid submission, failure to do so may result in a non-compliant bid.** This addendum shall form part of the Contract Documents.*

This addendum is being provided in clarification to ITQ PS-24-05 released May 28, 2024.

Question 1: For the antenna inventory and location in the inspection report, would an antenna list be sufficient (antenna #, model, elevation, azimuth, tx-line, tower leg and owner?)

Answer 1: Yes, an antenna list will be sufficient.

Question 2: Do you have an expected delivery date for the inspection and report?

Answer 2: Completion of inspections of the communication towers should be approximately October 15th, 2024, prior to snowfall. Completion of the report should be 30 days after the tower inspections are complete.

Question 3: Do you require the audit reports to be stamped by an engineer?

Answer 3: At this time, the Regional District does not require Communication Tower Inspection reports to be stamped by an engineer.

Question 4: Are there any site access issues? How will keys be provided for compound access and/or the anti-climb if applicable? Is access to the sites be dependant on a 3rd party or can we go unescorted on our own schedule?

Answer 4: There are currently no access issues to the communication sites. Depending on availability, if one of the 3 Regional District radio technicians is available, they will accompany and assist with accessing the sites, however, if there is a conflict with scheduling and a technician is not available, keys for the sites will have to be picked up at the Regional District main office prior to commencing with the inspections.

Question 5: Can you clarify that the ITQ is purely inspection work only, with no remedial work?

Answer 5: Yes, inspections only. However, if something is found during the inspection that is potentially affecting the service, the Regional District would expect that a phone call would be made to one of the three radio technicians to advise of the issue and potential remediation measures to fix the issue and at what cost.

Question 6: Do you have pulse charts for the guyed towers and/or the initial tensions from construction?

Answer 6: We have tensions from 2012. See below.



FOOTHILLS RPT

Date: Oct 29, 2012

Weather: -4 °C, Wind: 10 km/h

(* Recommended Tolerance is +/- 10%)

Guy Elev ft. (m)	Anc	Diameter (in.)	Guy Type	Measured 3 Pulse (sec.)	Initial Tension (Kips)	Required Tension (Kips)	Measured Tension (Kips)	Tension Deviation * (%)
51.5 (15.7)	1A	5/16	GS	2.76	1.1	1.37	1.53	12
51.5 (15.7)	2A	5/16	GS	2.8	1.1	1.36	1.57	15
51.5 (15.7)	3A	5/16	GS	2.83	1.1	1.37	1.49	9
100.7 (30.7)	1A	3/8	GS	3.94	1.35	1.58	1.5	-5
100.7 (30.7)	2A	3/8	GS	3.85	1.35	1.58	1.66	5
100.7 (30.7)	3A	3/8	GS	4.02	1.35	1.59	1.44	-10
136.2 (41.5) (L)	1A	3/8	GS	4.75	1.35	1.51	1.48	-2
136.2 (41.5) (R)	1A	3/8	GS	5.13	1.35	1.51	1.27	-16
136.2 (41.5) (L)	2A	3/8	GS	5.25	1.35	1.52	1.28	-16
136.2 (41.5) (R)	2A	3/8	GS	5.02	1.35	1.52	1.4	-8
136.2 (41.5) (L)	3A	3/8	GS	4.62	1.35	1.52	1.55	2
136.2 (41.5) (R)	3A	3/8	GS	5.25	1.35	1.52	1.2	-21

PILOT MOUNTAIN

Date: Oct 28, 2012

Weather: -9°C, Wind: Calm

(* Recommended Tolerance is +/- 10%)

Guy Elev ft. (m)	Anc	Diameter (in.)	Guy Type	Measured 3 Pulse (sec.)	Initial Tension (Kips)	Required Tension (Kips)	Measured Tension (Kips)	Tension Deviation * (%)
66.44 (20.3)	1B	7/16	GS	1.67	1.95	2.39	2.11	-12
66.44 (20.3)	2B	7/16	GS	1.97	1.95	2.39	2.02	-16
66.44 (20.3)	3B	7/16	GS	1.72	1.95	2.33	2.24	-4
135.33 (41.3)	1A	7/16	GS	2.51	1.95	2.22	2.19	-1
135.33 (41.3)	2A	7/16	GS	2.95	1.95	2.23	1.84	-18
135.33 (41.3)	3A	7/16	GS	2.75	1.95	2.21	2.09	-5

HIXON OVERLOOK

Date: Oct 27, 2012

Weather: -4 °C, Wind: Calm

(* Recommended Tolerance is +/- 10%)

Guy Elev ft. (m)	Anc	Diameter (in.)	Guy Type	Measured 3 Pulse (sec.)	Initial Tension (Kips)	Required Tension (Kips)	Measured Tension (Kips)	Tension Deviation * (%)
27.07 (8.3)	1A	3/8	GS	2.33	1.35	1.61	1.6	-1
27.07 (8.3)	2A	3/8	GS	2.16	1.35	1.63	1.82	11
27.07 (8.3)	3A	3/8	GS	2.19	1.35	1.61	1.85	15
76.28 (23.3)	1A	3/8	GS	3.07	1.35	1.5	1.64	9
76.28 (23.3)	2A	3/8	GS	3.03	1.35	1.52	1.67	10
76.28 (23.3)	3A	3/8	GS	3.14	1.35	1.5	1.63	8
115.65 (35.3)	1A	3/8	GS	4.13	1.35	1.45	1.47	2
115.65 (35.3)	2A	3/8	GS	4.11	1.35	1.46	1.48	1
115.65 (35.3)	3A	3/8	GS	4.08	1.35	1.45	1.56	8

Question 7: Are we to verify the tensions of guy wires when present?

Answer 7: Please See Question 6.

Question 8: Do you require us to measure and document all tower members or just a visual inspection?

Answer 8: The Regional District does require all antenna's documented but not Tower structures.

Question 9: The PSOB tower does not seem to have the correct address. Is it possible to get the GPS coordinates?

Answer 9: The Public Safety Operations Building has 2 address points, 3790 Opie Crescent and 2259 Quinn Street, both are correct. This tower is in the City limits of Prince George behind E.B. Horseman Supplier and the GPS coordinates are 53°54'6.39"N 122°47'40.44"W .

Question 10: Is there to be an engineer on site to complete the inspection? If not, is an engineer on site needed to review the documents and stamp them?

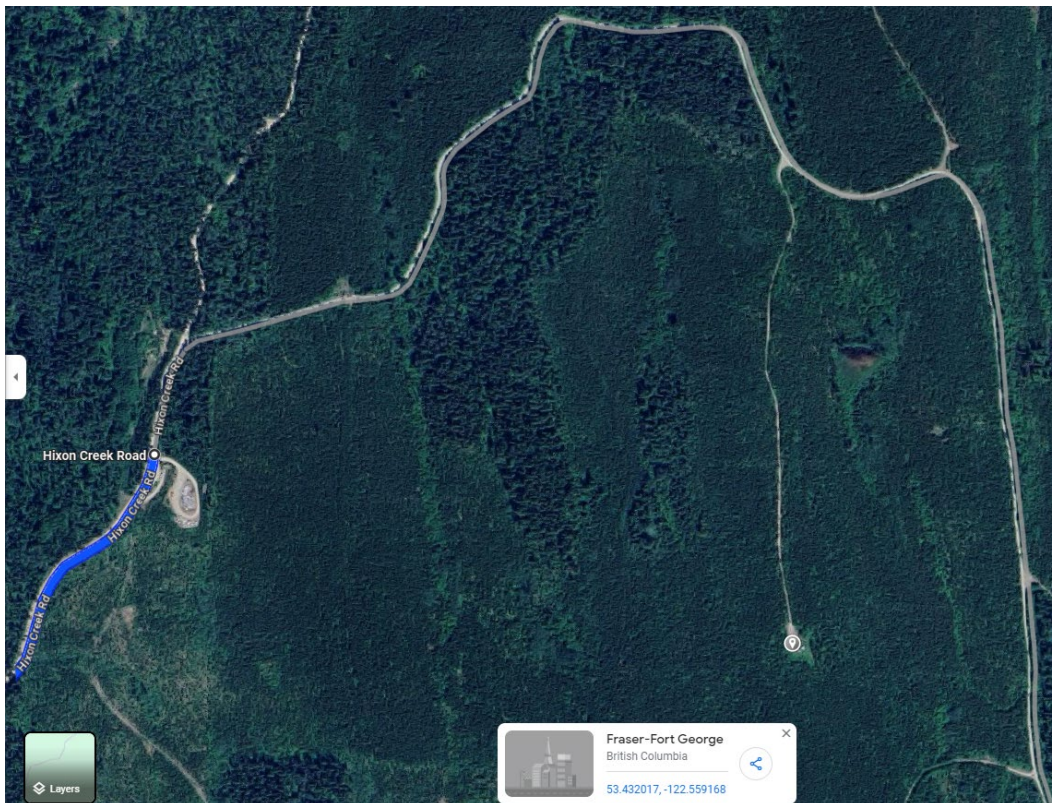
Answer 10: Please see Question 3 for the answer.

Question 11: Is it possible to confirm the coordinates for the Hixon Overlook Tower? The address given is the road address for the Hixon Regional Transfer Station, and I don't actually see a tower anywhere on the satellite view at that address – 505 Hixon Creek Road.

I think it might actually be at this spot: 53.432184, -122.559120

If this is the case, do you if that road is truck + towable trailer worthy?

In my backroad BC experience, some of the logging roads are not so well maintained.





Answer 11: The Regional District apologizes for the incorrect address. The updated GPS coordinates are 53.432184, -122.559120. All roads are in decent shape and there should be no issue with towing a trailer into the site.

Question 12: May we have an example of an old maintenance inspection report?

Answer 12: At this time the Regional District will not share a copy of an old maintenance inspection report. The reports are kept confidential.

Question 13: Do you have any additional drawings that will be provided? To have more details about the structures like design of the steel or the design of the guy wires?

Answer 13: Some of the sites do have a few more detailed drawings that can be provided to the successful bidder.

Question 14: Must check or inspect equipment shelters?

Answer 14: The Regional District would like all cable entrances to be inspected but the buildings themselves do not need to be inspected during this process.

Question 15: Are all tours accessible by vehicle?

Answer 15: Please see Question 4 and Question 11 for the answer.

Question 16: Do you have sites with RF equipment that require additional cuts or protections for inspectors?

Answer 16: No, all the sites are VHF/UHF 139 mhz to 900mhz

Question 17: Will all (8) inspection sites be jointly awarded, and can the site inspections be completed concurrently in one group?

Answer 17: Yes, this is a package bid. All (8) sites will be awarded to the same contractor and inspections can be done in one trip or multiple trips, that will be up to the successful bidder.

I/We hereby verify that we have considered this addendum in our proposal submission.

Proponent's Signature

Date

All inquiries relating to ITQ PS-24-05 must be emailed to:
Bonnie Seitz, Community Services Leader, bseitz@rdffg.bc.ca