

**ICAO***International Civil Aviation Organization***Twelfth Meeting of the Common aeRonautical Virtual Private Network Operations Group (CRV OG/12)***Denarau Island, Fiji, 23-26 January 2024*

Agenda Item 7: CRV contract management
– Contract Extension/renewal

NEED FOR REQUEST FOR INFORMATION (RFI) FOR A POSSIBLE NEW-CRV

(Presented by Singapore/ Civil Aviation Authority of Singapore)

SUMMARY

This Working Paper discusses on the need for a Request For Information (RFI) of a possible NEW-CRV and scope of the proposed RFI.

1. INTRODUCTION

1.1 The existing Asia Pacific Common aeRonautical Virtual Private Network (CRV) contract expiry date with PCCW Global is 31 December 2028. This contract expiry date which was extended from the original contract expiry date on 31 December 2027 for an additional one (1) year was endorsed by CNS SG/26 meeting, i.e. Conclusion CNS/SG/26/02.

1.2 With less than five (5) years away from the CRV contract expiry date on 31 December 2028, the CRV Operations Group (OG) needs to decide if a Request For Proposal (RFP) is required for a possible NEW-CRV or to extend the existing CRV contract beyond 31 December 2028 to continue data and/ or voice exchange between States/ Administrations over a common network.

1.3 This Working Paper also discusses on the scope for the proposed RFI which includes the RFI preparation works and its structure and content.

2. DISCUSSION**Request For Information (RFI)**

2.1 The CRV OG requires information on a possible NEW-CRV to decide the procurement approach to ensure that data and/ or voice exchange between States/ Administrations over a common network can continue beyond 31 December 2028.

2.2 Hence, there is a need to issue a RFI for a possible NEW-CRV for Communication Service Providers (CSP) to provide possible/ alternate solutions and/ or new technologies to fulfil States/ Administrations' requirements on a common network for data and/ or voice exchange.

Scope of the RFI

2.3 The scope of RFI includes RFI preparation works and its structure and content.

RFI Preparation Works

2.4 Before the RFI is issued, RFI preparation works could include the following:

- a) Establish who will be issuing the RFI (e.g. ICAO Asia and Pacific Office or CRV OG);
- b) Establish who will be preparing the RFI document which includes the existing Concept of Operations (ConOps), new technical requirements from States/ Administrations, etc.;
- c) Research on potential CSP;
- d) Research on new network technologies;
- e) Gather new requirements from States/ Administrations;
- f) Perform risk assessment for the implementation of a possible NEW-CRV;
- g) Prepare implementation schedule and cutover period for a possible NEW-CRV;
- h) Prepare technical requirements, including interface requirements, cybersecurity measures, network performance, etc., for a possible NEW-CRV; and
- i) Any other RFI preparation works that should be included.

Structure and Content of the RFI

2.5 The structure and content of the RFI could have the following sections so that information received from CSP can be evaluated in systematic and efficient manner.

- a) Introduction to the RFI
 - i) Title of the RFI
 - ii) Issuing and closing date of the RFI
 - iii) Agency or Organisation which issued the RFI (e.g. ICAO Asia and Pacific Office or CRV OG)
 - iv) Background of the RFI
 - v) Instruction for submission of the RFI
- b) Existing CRV ConOps
- c) Existing limitation and challenges of the CRV which CSP could address
- d) Questionnaire to gather information if new requirements/ technologies can be met by CSP
- e) Proposal template

- f) Non-Disclosure Agreement, if required
- g) Any other sections deemed necessary for a complete RFI

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) discuss on the need for a RFI for a possible NEW-CRV;
- b) discuss on the scope of the RFI, including RFI preparation works and its structure and content; and
- c) discuss any relevant matter as appropriate
