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| **Subject** | Future of the Contest Robot – outcome of the requirement document. |
| **Society** | IARU Region 1 | **Country:** | N/A |
| **Committee:** | C2 -C5 | **Paper number:** | NS20\_C5\_28 |
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# Introduction

This paper is an annex from paper NS20\_C5\_12, which describes some of the issues with the current arrangements for the VHF Contest Robot. This new paper contains the answers to the request for quotations sent to the different MS and Indiware, the author of the current contest robot.

During the virtual EC meeting in 2020 the decision was made to contact other MS about their possible involvement in the development of the contest robot. A statement of requirements document was prepared, and MS who have already a contest robot were contacted and asked for a quote (see annex 1).

# Actions

We made a requirement text based on the first one made by Robi, S53WW. This new text was approved by the working group and send out to the different MS who have an own contest robot: RSGB, VERON, NAC (Nordic countries), PZK, REF, ZRS and of course also Indiware, who is writing the software for IARU-R1, DARC and OeVSV.

We received answers of:

* VERON: interested in this project and send in a proposal on 31/08/2020 (see annex 5)
* RSGB: not interested
* NAC: want to cooperate, but their software is not suitable
* From the other MS I did not receive an answer.
* From Indiware I received 2 quotes: one about hosting and one about the required changes. (see annex 2 and 3)
* From ZRS (S52AA) we got positive reaction with a quote (see annex 4)

The deadline for answering was 31 August 2020.

# Key points and proposal

Seen that there are now 3 alternatives, C5 needs to advice the EC with whom we will work together in the future. If we cannot decide during the VGC the task will be delegated to a working group with IT specialists and members of the contest working group.

Therefore we need an own financial plan to be elaborated and approved by C2.

We also need to see whether sponsorship can be considered and the conditions of eventual sponsorship.

# Recommendation:

1. **The VGC agrees that we need a contest robot under our own control.**
2. **That the EC can decide about which with party we will work together to achieve this goal, taking in consideration the financial consequences.**
3. **The C5 committee advises to work with…. (to be discussed)\***
4. **The EC will confirm a project manager to manage this project on a non-payed base. This person will be the SPOC between the IARU-R1 and the software developer and will be member of the contest working group.**

# Financial Implications

See the details of the quotes received in annex 2 to 5

## Summary

All prices are exclusive VAT.

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| **Name** | **Indiware** | **ZRS \*** | **VERON** |
| Hosting Configuration | € 550  | ? | Own environment |
| Hosting rent/year | € 600  | € 120 | Own environment |
| Changes as ask in the requirement text | € 1785 | €1600 estimated | ? |
| Hourly rate for changes | € 85 | € 30 | ? |

\* VAT: Prices are without VAT included, because Reverse Charge - VAT exempt under Article 44 Directive

# Names of the annexes

* Annex 1: Quote contest robotv2.doc
* Annex 2: Angebot\_IAR\_20200716.pdf
* Annex 3: Angebot\_IAR\_20200827.pdf
* Annex 4: contest robot\_ZRS.pdf
* Annex 5: contest robot\_VERON.pdf