**IEEE P802.15**

**Wireless Specialty Networks**

|  |  |  |  |
| --- | --- | --- | --- |
| Project | IEEE P802.15 Working Group for Wireless Specialty Networks (WSN) | | |
| Title | IEEE P802.15.4w Low Power Wide Area Call for Proposals | | |
| Date Submitted | March 2018 | | |
| Source | Joerg ROBERT | | E-mail: joerg.robert@fau.de |
| Re: | |  | |
| Abstract | Draft 802.15.4w Low Power Wide Area (LPWA) Call for Proposals | | |
| Purpose | When issued this is intended to announce the Call for Proposals and to motivate constructive proposal contributions toward a LPWA standard. | | |
| Notice | This document has been prepared to assist the IEEE P802.15. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein. | | |
| Release | The contributor acknowledges and accepts that this contribution becomes the property of IEEE and may be made publicly available by P802.15. | | |

**RELEASE DATE: March 08, 2018**

Candidate Technical proposals are requested for the IEEE P802.15.4w Low Power Wide Area in Wireless Specialty Networks (WSN). This document describes the process and requirements for responding to this Call.

**SUBMISSION OF PRELIMINARY PROPOSALS: (Due July 6, 2018 11:59 PM EDT)**

The submission of preliminary proposals is a process to allow the members of TG4w to review the TGD for correctness. **YOU MUST PRESENT YOUR PROPOSAL AT THE JULY MEETING TO THE MEMBERSHIP OF TG4w IF YOU INTEND TO SUBMIT A FINAL PROPOSAL IN SEPTEMBER.** Your presentation may be in a preliminary version in Powerpoint or MS word format. For complete proposals, the preliminary version shall address all the items in the evaluation criteria in the 802.15.4w Technical Guidance Document (TGD). Partial proposals are allowed at this stage, provided they identify which evaluation criteria are satisfied**. WE STRONGLY ENCOURAGE TO UPLOAD THE PRESENTATIONS TO MENTOR ON OR BEFORE JULY 6, 2018 11:59 PM EDT.**

**SUBMISSION OF FINAL PROPOSALS: (Due September 7, 2018 11:59 PM EDT)**

The proposal must be submitted in two styles: one in MS word format describing the changes to IEEE Std 802.15.4 current revision on a section by section basis, and a separate supporting document explaining how your proposal satisfies all the items in the evaluation criteria in TGD. **YOUR PROPOSAL MUST BE UPLOADED TO MENTOR ON OR BEFORE SEPTEMBER 7, 2018 11:59 PM EDT TO BE CONSIDERED AS A CANDIDATE.**

The IEEE 802.15 Task Group 4w is chartered to develop an IEEE Standard 802.15.4w based on its Project Authorization Request (PAR) and Criteria for Standards Development (CSD). The P802.15.4w PAR, which describes the Scope and Purpose of the project and the CSD (document IEEE P802.15), can be found on the 802.15 Working Group web page at: <http://ieee802.org/15/par.html> . The related documents for TG4w CFP can be found on mentor at: <http://mentor.ieee.org/802.15/documents> .

**PROCESS:**

All submissions to the CFP shall be formatted to include the IEEE 802.15 format with cover page. The cover page releases the submission for public use by the IEEE. Rules for IEEE submissions and formats for Microsoft Word and Power Point documents can be found at: <http://ieee802.org/15/pub/Submission.html>

For procedural help with your submission, or to ask general questions please see the contacts listed at the end of this document. All contributions should be submitted to the TG4w Chair and the 802.15 WG chair for process backup.

The TG4w Technical Guidance Document (TGD): IEEE P802.15-18/93 (latest revision), shall be used to evaluate the proposals. It is expected that each presentation will be one hour maximum in length including time for questions. The actual time provided may be rescheduled according to the number of submissions. The final submission in September shall contain supporting documents.

General communications, including posting of Conference Call meetings, will be done via the [stds-802-15-lpwa@listserv.ieee.org](mailto:stds-802-15-3e@listserv.ieee.org) mailing list. To sign up to that mailing list, follow the directions at:  [http://ieee802.org/15/pub/Subscribe.html](file:///C:\Users\maekawa\Desktop\AppData\Local\Temp\AppData\Local\Microsoft\Windows\Local%20Settings\Temp\AppData\Local\Temp\72CC8DD\%20http:\grouper.ieee802.org\groups\802\15\pub\Subscribe.html)

The project timeline for the work of TG4w is found in the groups meeting minutes.

All submissions and questions should be forwarded to the TG4w Chair and the 802.15 WG chair.

**TG4w:  
Chairman: Joerg Robert (**[**joerg.robert@fau.de**](mailto:joerg.robert@fau.de)**)**

**WG 802.15:**

**Chairman: Bob Heile (bheile@ieee.org)**