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| **creen Shot 2016-03-16 at 10.58.22.png** |  |
| Software Defined Networks and Network Function Virtualization Testbed within FIRE+ |
| **SoftFIRE Challenge**SoftFIRE Open Call for Challengers to the Federated Testbed |
| Full Title of your proposalAcronym of your proposal (optional) |
| SoftFIRE Objectives addressed | * Interworking
* Programmability
* Security
 |
| Date of preparation of your proposal: | dd/mm/2017  |
| Version number (optional): |  |
| Your organization(s) name(s): | Your organization(s) name(s) |
| Name of the coordinating person: | Name of the coordinating person |
| Coordinator telephone number: | Coordinator telephone number |
| Coordinator email:[This is the email address to which the Acknowledgment of receipt will be sent] | Coordinator email |

Note: Grey highlighted areas needs to be filled. Word template can be downloaded from SoftFIRE project website (see <http://www.softfire.eu/open-calls>)

# Section A Challenge Summary

*(Maximum 100 words – Summary of the proposal)*

*Remark: The information in this section may be used in public documents and reports by the SoftFIRE consortium.*

# Section B Eligibility requirements for participation

*(Select tick the appropriate option (s) from the table and note that the option-1 is mandatory)*

|  |  |  |
| --- | --- | --- |
| Sr-no | Requirements | Select option |
| 1 | The theme of the proposal should be in line with the SoftFIRE Final Challenge scope: * Interworking
* Programmability
* Security
 | Mandatory*
*
*
 |
| 2 | Use of SoftFIRE facilities  | *<please indicate the number of testbeds that should be involved in the demo, remember that SoftFIRE aims at federation of different testbeds. At least two should be indicated. The SoftFIRE consortium will take care of the allocation of resources in available Testbeds>* |
| 3 | Use of SoftFIRE Middleware (at least two SoftFIRE managers should be involved) | * SDN Manager
* Monitoring Manager
* NFV Manager
* Security Manager
* Physical Device Manager
 |

Details of the SoftFIRE Resources can be found in the Challenge Document <ref>, and in the SoftFIRE available resource pages at <http://docs.softfire.eu/softfire-available-resources/>. The latest is updated to the last version and availability of the testbeds.

# Section C Demo description

*(maximum 2 pages for the detailed description of the demo)*

C.1 Demo concept

*(Describe here:*

* *the brief concept of the demo;*
* *the relation with the SoftFIRE topics;*
* *the intended scope and goal of the demo.*

C.2 Novelty

*(Describe the novelty of the demo)*

C.3 What will be demonstrated?

# Section D Requested SoftFIRE Resources

*(maximum 1 page)*

*Please check SoftFIRE resources**that will be required for your experiment.*

|  |  |
| --- | --- |
| **Resources** Demos should not exceed these max values in allocation resources* RAM (MB) 20480
* Instances 10
* VCPUs 10
* Networks 10

We believe that this is sufficient for the majority of the most complex experiments. Of course, by request, we could increase the limits per specific experiment. But it requires a valid motivation | **Required (Yes/No) Number of Resources requested** |
| Virtual CPUs |  |
| RAM |  |
| Block Storage Volume |  |
| IP Addresses to be used |  |
| EPC slices |  |
| Average and Max Bandwidth |  |
| Needed RAN |  |
| Type of End Points (fixed, wireless, cellular) |  |
| *Specify any other resources requested* |  |
| **Capabilities** | **Specify what is being asked for (write a summary statement or a reference to specific section of present doc)** |
| *Specify any other requirements requested for your experiment* |  |

# Section E Use of proposal information

*In this section, the proposing party is asked to include some statements related to sharing information of his proposal within the SoftFIRE consortium.*

*Proposals are treated in a confidential way, meaning that only successful proposals must be disclosed to the SoftFIRE consortium. Open calls previously organized by other FIRE projects were very successful and have revealed that many submitted non-granted proposals also contain very interesting and valuable information that could be used for setting up collaborations or to extract ideas for further improving the federated test infrastructures. Therefore, the SoftFIRE project would like to have the opportunity to collect more detailed information and further use this information, also if the proposal is not selected for funding. In any case, the SoftFIRE consortium will treat all information of a proposal confidentially.*

*Two types of information usage are envisaged:*

* *Information which is part of the Sections A, B, and D will be used within the SoftFIRE project as input for tasks related to platform optimizations, sustainability studies, etc. The same information can also be used in an anonymous way to create statistics and reports about this Final Challenge. All proposals submitted to this competitive open call are obliged to allow this form of information access and usage.*
* *Other information belonging to this proposal might also be accessed by the SoftFIRE consortium, if allowed by the corresponding proposer. Any use of such information will be discussed and agreed upon with the proposers. Proposers have the freedom to select if they wish to support this kind of information usage.*

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|  |  |
| --- | --- |
| I allow that the material provided in Sections A, B and D of this proposal may be accessed by the SoftFIRE consortium, also if the proposal is not selected for funding. In any case, the SoftFIRE consortium will treat all this information confidentially. It will be used within the SoftFIRE project as input for tasks related to testbed and software platform optimizations, sustainability studies, etc. The same information can also be used in an anonymous way to create statistics and reports about this Third open call.  | Yes  |
| Furthermore, I allow that the other parts of this proposal (if present) may be accessed by the SoftFIRE consortium, also if the proposal is not selected for funding. In any case, the SoftFIRE consortium will treat all information of this proposal confidentially. Any use of this information will be discussed and agreed upon with the proposers.  | Yes  | No  |

# Section F Involvement in FIRE-projects (incl. SoftFIRE)

In this section, proposers are requested to list their involvement in FIRE-projects, either as full partner or as successful proposer in Open Calls from FIRE-projects. The defined representative of company is responsible to provide the correct information.

Proposals originating from new players in the FIRE community will be positively discriminated and will receive a higher score.

**Please** note that parties having been selected and funded in previous SoftFIRE Open Calls are not eligible to participate again.

|  |  |  |  |
| --- | --- | --- | --- |
| Q 1.1 | Have you submitted any proposal to the previous SoftFIRE Open Call(s)? | Yes  | No  |
| Q 1.2 | If you answered YES to Q 1.1, please indicate name of the proposal. |  |
| Q 2.1 | Have you been previously involved in other FIRE projects? | Yes  | No  |
| Q 2.2 | If you answered YES to Q 2.1, please indicate for each project the name of the project and, if possible, the website: |  |

*Provide here additional notes about your previous involvements in FIRE projects and community (if needed, 1 page maximum)*