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| --- | --- |
| **creen Shot 2016-03-16 at 10.58.22.png** |  |
| Software Defined Networks and Network Function Virtualization Testbed within FIRE+ |
| **Open Call 1**First SoftFIRE Open Call for Experiments and Extensions |
| Full Title of your proposalAcronym of your proposal (optional) |
| Main target of proposal | “Scientific Excellence” or “Industrial Innovation”  |
| Date of preparation of your proposal: | xx/yy/2016  |
| Version number (optional): |  |
| SoftFIRE Objective addressed | Objective1/Objective2 or Both |
| Your organisation(s) name(s): | Your organisation(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 Project Summary

*(Maximum 300 words – summary of the proposed work)*

*Remark: The information in this section may be used in public documents and reports by the SoftFIRE consortium. Please indicate the SoftFIRE objective you are addressing.*

# Section B Detailed description and expected results

*(minimum 4 to maximum 7 pages)*

*This section describes the details on the planned experiment and/or extension: what does the experimenter hope to obtain, how, why is it relevant? This section should also include all information with respect to the State-of-the-Art or a comparison to competing commercial solutions in case of experiments targeting ‘industrial innovation’ to show the innovative character of the experiment and/or extension, and the expected scientific or business impact.*

## Technical and Innovation Value

*Describe the specific objectives of the proposed experiment and/or extension, which should be clear, measurable, realistic and achievable within the duration of the experiment and/or extension (not through subsequent development). Show how they relate to the topic(s) addressed by the competitive call and how/why SoftFIRE is needed for realizing them. These objectives will be scrutinized at the final review of the experiment*

*Describe and explain the overall concept that forms the basis for your experiment and/or extension. Describe the main ideas, models or assumptions involved.*

*Emphasize the Multidisciplinary contribution*

*Provide hints on how to achieve interoperability, what programmability levels will be achieved and security aspects. Indicate if new tools new interfaces, new functionalities will be provided and implemented*

*Describe originality and innovative value of the Proposal and its relation to the status of the art of the research NFV/SDN and 5G.*

## Technical Soundness

***Provide a proposal description in order to evaluate the feasibility of the project***

***Provide evidence of the research and innovation experience of the proposing group****<This section describes the proposer and includes an overview of the activities, the proposer’s qualifications, technical expertise and other information to allow the reviewers to judge the proposer’s ability to carry out the experiment.*

***Practical arrangements of the proposal for the implementation and the management of the experiment itself***

## Expected Contribution to the European Ecosystem

***Describe the potential of the proposal to increase Knowledge/Knowhow at the European level and differentiate the proposition***

***Put in evidence the Technological benefits for an European Ecosystem***

***Emphasize possible or expected contributions to standards or open interfaces.***

## Business Impact and considerations

***Describe the possibility to create long term collaborations and mutually beneficial cooperation between actors in the NFV/SDN/5G ecosystem, in particular with SoftFIRE, H2020 projects and the 5g and FIRE communities.***

***Describe the possibility to have a quick deployment and time to market.***

***Describe how the proposal could achieve a long term self sustainability***

***Indicate whether the proposal can be instrumental to create new activities/startup/business*** ***endeavors***

## Methodology and associated work plan

*Provide a work plan. Provide clear goals and verifiable results, and also a clear timing. Specify the milestones and the final report deliverable.*

*The work plan involves the phases indicated below. Please keep in mind that each experiment lasts maximum three months.*

1. *Design, implementation or consolidation of experiment and/or extension*
2. *Executing the experiment and/or tuneup/improvement of the experiment*
3. *Analysis & feedback*
* *Analysis of the results of the experiment and/or extension*
1. *Final report, and documentation*

*Final report (M3)*

*Feedback report on the platform (M3)*

# Section C Requested SoftFIRE Resources

*(maximum 1 page)*

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

|  |  |
| --- | --- |
| **Resources**  | **Required (Yes/No) Number of Resources requested** |
| Virtual CPUs |  |
| RAM |  |
| Block Storage Volume |  |
| IP Addresses to be used |  |
| Number of VLANs support |  |
| EPC slices |  |
| Average and Max Bandwidth |  |
| Needed RAN |  |
| Type of End Points (fixed, wireless, cellular) |  |
| *Specify any other resources requested*  |  |
|  |  |

# Section D Expected feedback to the SoftFIRE Consortium

*(maximum 1 page)*

*This section contains valuable information for the SoftFIRE consortium and should indicate the expected feedback the SoftFIRE consortium can expect from the use of its platform after carrying out the experiment and/or extension. This information is essential in view of further improving the SoftFIRE platform. Note that providing this feedback is one of the key motivations for the existence of the SoftFIRE open calls.*

# Section E Requested funding

*(maximum 1 page)*

*This section provides an overview of the budgeted costs and the requested funding. A split is made in personnel costs, other direct costs (travel, equipment, etc.), subcontracting and indirect costs~~.~~*

*Besides the table below, extra information can be provided to support the requested funding and which may help to judge the cost to the SoftFIRE project.*

*In case you need to subcontract some tasks please note that subcontracting costs should be exceptional, well justified and will require the prior written consent of the Cascade funding partner. You will also have to ensure that the subcontractor will comply with all obligations – especially coming from the contract that you will sign with the Cascade Funding partner, if successful.*

*Please show your figures in euros (not thousands of euros).*

|  |  |  |
| --- | --- | --- |
|  | **Total PM** | **Cost (**€**)** |
| 1. Direct Personnel costs |  |  |
| 2. Other direct costs |  |
| 3. Subcontracting |  |
| 4. Total direct costs (sum of row 1,2 and 3) |  |
| 5. Indirect costs (25% of row 1+2) |  |
| 6. Total costs (sum of row 4 and row 5) |  |
| 7. Requested funding (up to 50.000 EUR) |  |

*In row 1, insert your personnel costs for the work involved.*

*In row 2, insert any other costs, for example equipment costs for HW extension or travel costs. Please allocate sufficient budget for visit(s) to SoftFIRE events and workshops (Hackathons and Challenges).*

*In row 3, insert costs for “Subcontracting” in case you will need subcontractors.*

*In row 4 calculate the sum of your personnel, other direct costs and subcontracting.*

*In row 5, calculate the indirect costs that is 25% of the personnel costs (row 1) and other direct costs (row 2). Indirect costs are all those eligible costs which cannot be identified by the participant as being directly attributed to the project but which can be identified and justified by its accounting system as being incurred in direct relationship with the eligible direct costs attributed to the project. You should use a uniform 25% flat-rate of your eligible direct costs.*

*In row 6, calculate the total costs as sum of total direct and indirect costs.*

*In row 7, indicate the requested funding. You may request up to the total amount allowed by this call for EC contribution for industrial experiments which is 50.000€.*

*If applicable, please provide here sufficient justification on what and why you need to subcontract some of your tasks:*

# Section F 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, C 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 first open call. 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, C 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 first open call.  | Yes  |
| Furthermore, I allow that the other parts 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 information of this proposal confidentially. Any use of this information will be discussed and agreed upon with the proposers.  | Yes  | No  |

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