**** 

**Metallurgy Europe Call-03-2019**

**Project Outline Proposal (POP)**

**(Confidential)**

**Call Identifier Code: Met-Euro-Call-03-2019**

**Full Title of Project: XXXX**

**Acronym/Short Name: XXXX**

**Submission Date: DD-MM-2019**

**Coordinating Organisation: XXXX (XX)**

**Technical Coordinator’s Signature:**

**Contents Page**

 Page #

**1) Short Abstract x**

**2) Project Features x**

**3) Coordinator Details x**

**4) Proposed Consortium x**

**5) Product Description x**

**6) Market Outline x**

**7) Patent Status x**

**8) Value Chain x**

**9) Project Objectives x**

**10) Technical Strategy x**

**11) Work-Package Breakdown x**

**12) Cost Estimates per Partner x**

**13) Impact on Society x**

**14) References x**

**15) Annex – Evaluation Criteria for Stage 1 x**

**Proposal Overview**

**1) Short Abstract:**

**Please describe your project proposal in this box (maximum ½ page):**

XXXX

**Please describe the relevance of your proposal to Metallurgy Europe and its roadmap:**

XXXX

**2) Project Features:**

**Estimated total budget (M€):** XX

**Estimated person years:** XX

**Full duration of project (yrs):** X

**Number of partners in team:** XX

**Number of countries involved§:** XX

§ minimum two different Eureka member states

**3) Coordinator Details:**

**Full Name of Technical Coordinator:** XXXX

**Organisation Name:** XXXX

**Organisation Address:** XXXX

**Email Address:** XXXX

**Telephone Number:** XXXX

**Website:** XXXX

**4) Proposed Consortium:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **#** | **Partner Organisation** | **Country** | **Industry / Gov. R&D / University** | **Company Size****(Large or SME?)** | **Technical Representative** |
| **Full Name** | **Short Name** |
| **1** |  |  |  |  |  |  |
| **2** |  |  |  |  |  |  |
| **3** |  |  |  |  |  |  |
| **4** |  |  |  |  |  |  |
| **5** |  |  |  |  |  |  |
| **6** |  |  |  |  |  |  |
| **7** |  |  |  |  |  |  |
| **8** |  |  |  |  |  |  |
| **9** |  |  |  |  |  |  |
| **10** |  |  |  |  |  |  |
| **11** |  |  |  |  |  |  |
| **12** |  |  |  |  |  |  |
| **13** |  |  |  |  |  |  |
| **14** |  |  |  |  |  |  |
| **15** |  |  |  |  |  |  |
| **16** |  |  |  |  |  |  |
| **17** |  |  |  |  |  |  |
| **18** |  |  |  |  |  |  |
| **19** |  |  |  |  |  |  |
| **20** |  |  |  |  |  |  |
| **21** |  |  |  |  |  |  |
| **22** |  |  |  |  |  |  |
| **23** |  |  |  |  |  |  |
| **24** |  |  |  |  |  |  |
| **25** |  |  |  |  |  |  |
| **26** |  |  |  |  |  |  |
| **27** |  |  |  |  |  |  |
| **28** |  |  |  |  |  |  |
| **29** |  |  |  |  |  |  |
| **30** |  |  |  |  |  |  |

**5) Product Description:**

*Max. 1 page*

Please describe the new industrial product(s) that this proposal is attempting to deliver.

Please emphasise:

(i) why this new product is needed,

(ii) what technical and societal problems it solves, and

(iii) how it is different to the state-of-the-art technology used today.

**6) Market Outline:**

*Max. 1 page*

Please describe the market status in this particular technical field.

Please identify:

1. who the competitors are around the world,
2. how big is the world market for this type of product, and what is the current European share (in %),
3. what is the expected increase in turnover of the European partners, if the product is successfully developed and industrialised,
4. why this proposal offers a competitive edge, from a global perspective.

**7) Patent Status:**

*Max. ½ page*

Please provide a general overview of the patent status and proprietary know-how in this field.

Please identify Europe’s position with respect to this IP.

**8) Value Chain:**

*Max. ½ page*

Please provide a schematic diagram of the value chain.

**9) Project Objectives:**

*Max. ½ page*

Please list in bullet-points the main technical objectives of your proposal.

Please ensure your objectives are clear and quantifiable.

* Xxx
* Xxx
* Xxx
* Xxx
* Xxx
* Xxx
* Xxx

**10) Technical Strategy:**

*Max. 2 pages*

Please describe the technical strategy and general planning of your proposal.

Please identify any particular phases of work, as well as the main hardware/software deliverables.

Please identify any linkages with other *Metallurgy Europe* projects/proposals.

**11) Work-Package Breakdown:**

*Max.2 pages*

Please provide a list of the different workpackages (e.g. WP1…WP10)

Please provide a *pictorial* description of the workpackages and how they link together.

Please fill out the WP/partner matrix overleaf (i.e. who does what?)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Short Name** | **WP1** | **WP2** | **WP3** | **WP4** | **WP5** | **WP6** | **WP7** | **WP8** | **WP9** | **WP10** | **WP11** | **WP12** |
| Xxx | Xxx | Xxx | Xxx | Xxx | Xxx | Xxx | Xxx | Xxx | Xxx | Xxx | Xxx |
| **1** |  |  | **✓** | **✓** |  | **✓** |  | **✓** |  | **✓** |  |  |  |
| **2** |  | **✓** |  |  | **✓** |  | **✓** |  | **✓** |  |  |  |  |
| **3** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **4** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **5** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **6** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **7** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **8** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **9** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **10** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **11** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **12** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **13** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **14** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **15** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **16** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **17** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **18** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **19** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **20** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **21** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **22** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **23** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **24** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **25** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **26** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **27** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **28** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **29** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **30** |  |  |  |  |  |  |  |  |  |  |  |  |  |

**12) Cost Estimates per Partner:**

Please provide estimates of resources per partner, for the full duration of the project.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Short Name** | **Number of person years** | **Labour costs****(k€)** | **Materials costs****(k€)** | **Equipment costs****(k€)** | **Total costs****(k€)** | **Public coverage rate****(%)** | **§ Have the NCP been contacted yet?****(y/n)** |
| **1** |  |  |  |  |  |  |  |  |
| **2** |  |  |  |  |  |  |  |  |
| **3** |  |  |  |  |  |  |  |  |
| **4** |  |  |  |  |  |  |  |  |
| **5** |  |  |  |  |  |  |  |  |
| **6** |  |  |  |  |  |  |  |  |
| **7** |  |  |  |  |  |  |  |  |
| **8** |  |  |  |  |  |  |  |  |
| **9** |  |  |  |  |  |  |  |  |
| **10** |  |  |  |  |  |  |  |  |
| **11** |  |  |  |  |  |  |  |  |
| **12** |  |  |  |  |  |  |  |  |
| **13** |  |  |  |  |  |  |  |  |
| **14** |  |  |  |  |  |  |  |  |
| **15** |  |  |  |  |  |  |  |  |
| **16** |  |  |  |  |  |  |  |  |
| **17** |  |  |  |  |  |  |  |  |
| **18** |  |  |  |  |  |  |  |  |
| **19** |  |  |  |  |  |  |  |  |
| **20** |  |  |  |  |  |  |  |  |
| **21** |  |  |  |  |  |  |  |  |
| **22** |  |  |  |  |  |  |  |  |
| **23** |  |  |  |  |  |  |  |  |
| **24** |  |  |  |  |  |  |  |  |
| **25** |  |  |  |  |  |  |  |  |
| **26** |  |  |  |  |  |  |  |  |
| **27** |  |  |  |  |  |  |  |  |
| **28** |  |  |  |  |  |  |  |  |
| **29** |  |  |  |  |  |  |  |  |
| **30** |  |  |  |  |  |  |  |  |

**§** web-link for National Project Coordinators (NPC): <http://www.eurekanetwork.org/eureka-countries>

**13) Impact on Society:**

*Max. 1 page*

Please provide a layman’s description of how this proposal can bring benefits to the average person in society (e.g. less pollution, fuel savings, better healthcare, cheaper products etc.).

*N.B.* This non-confidential text will be published on the *Metallurgy Europe* website, at a later date.

Please describe any public engagement activities that are planned (e.g. open days, lectures, public talks, trade-fairs etc.)

**14) References:**

*Max. ½ page*

Please provide any references, relevant web-links or background information here.

**15) Annex – Evaluation Criteria for Stage-1**

For clarity, the evaluation criteria for the stage-1 Project Outline Proposals (POP) are highlighted in bold green below. N.B. The remaining criteria (in black) will be judged later at the stage-2 evaluation of the Full Project Proposals (FPP).

**1) Scientific & Technical Quality (10 points)**

* **relevance to the specific call and the Metallurgy Europe roadmap**
* **clarity of project objectives, in a quantified way**
* **overall novelty, creativity and originality, beyond the state-of-the-art**
* soundness and coherency of scientific/technical work-plan
* clarity of start and end TRLs

**2) Quality of Partnership (10 points)**

* **quality of individual partners, and quality of team as a whole**
* **European dimension, namely minimum 2 different EMSs**
* **appropriate balance between multinationals, SMEs and academic support**
* technical complementarity and integration between different partners
* good market opportunities for each partner in the value chain

**3) Industrial Impact (10 points)**

* **level of industrial ambition, as well as end-user pull**
* **relevance of project to global market needs**
* **likelihood of making a positive contribution to Europe's GDP**
* speed at which the new product can be brought to the market
* development of a European-autonomous supply chain
* efforts towards normalisation and standardisation (ISO, CEN, ASTM)

**4) Societal Impact & Engagement (10 points)**

* **impact on society and the quality of life of the average citizen**
* **level of public engagement (open days, lectures, trade fairs)**
* PR and communication of results
* training of apprentices and technicians
* company work placements for students and interns

**5) Management Approach (5 points)**

* **clarity and coherency of workpackages, incl. realistic manpower allocation per partner**
* appropriateness of management structure and governance
* management of intellectual property and research data
* risk analysis table
* robustness, in case of partners' withdrawal

**6) Appropriateness of Budget (5 points)**

* **reasonable budget split between partners and tasks**
* **good overall value-for-money**
* **have the National Project Coordinators (NPC) already been contacted?**
* appropriate listing of major cost items (>50k€)
* budget allocation for patenting, design rights and trademarks