**In total the completed form should not exceed 20 pages (together with tables).**

**Annex 1.**

***Form of opening (renewal) for Theme /***

***Large Research Infrastructure Project***

 **APPROVED**

 **JINR Vice-Director**

 **/**

 **" " 202 г.**

**THEME PROPOSAL FORM**

**Opening/renewal of a theme/large research infrastructure project within the Topical plan of JINR**

**1. General information on the theme / large research infrastructure project (hereinafter LRIP)**

**1.1. Theme code / LRIP** (for extended themes) *–* *the theme code includes the opening date, the closing date is not given, as it is determined by the completion dates of the projects in the theme.*

**1.2. Laboratory**

**1.3. Scientific field**

**1.4.** **The title of the Theme / LRIP**

**1.5. Theme / LRIP Leader(s)**

**1.6. Theme / LRIP Deputy Leader(s)**

**2. Scientific case and theme organization**

**2.1. Annotation**

**2.2. Projects in the Theme / LRIP subprojects**

**2.3. Scientific case** (no more than 20 pages)

(aim, relevance and scientific novelty, methods and approaches, techniques, expected results, risks).

**2.4. Participating JINR laboratories**

**2.5. Participating countries, scientific and educational organisations:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Organization** | **Country** | **City** | **Participants** | **Type** **of agreement** |
|  |  |  |  |  |
|  |  |  |  |  |

**2.6. Key partners** *(those collaborators whose financial, infrastructural participation is substantial for the implementation of the research program on the theme. Example – JINR participation in the LHC experiments at CERN).*

**3. Manpower**

**3.1. Manpower needs in the first year of implementation**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Personnel category** | **JINR staff,** **FTE amount** | **JINR associated personnel,****FTE amount** |
| 1. | research scientists |  |  |
| 2. | engineers |  |  |
| 3. | specialists |  |  |
|  | **Total:** |  |  |

**3.2. Available manpower**

**3.2.1. JINR staff** (total number of participants)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Personnel category**  | **Division** | **Position** | **Amount** **FTE** |
| 1. | research scientists |  |  |  |
| 2. | engineers |  |  |  |
| 3. | specialists |  |  |  |
|  | **Total:** |  |  |  |

**3.2.2. JINR associated personnel**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Personnel category**  | **Partner organization** | **Amount of FTE** |
| 1. | research scientists |  |  |
| 2. | engineers |  |  |
|  | **Total:** |  |  |

**4. Financing**

**4.1. Total estimated cost of the theme / LRIP**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Items of expenditure** | **Cost** | **Expenditure per year****(thousands of the US dollars)** |
| 1st year | 2nd year | 3rd year... |
| 1. | International cooperation |  |  |  |  |
| 2. | Materials  |  |  |  |  |
| 3. | Equipment, Third-party company services |  |  |  |  |
| 4. | Commissioning |  |  |  |  |
| 5. | R&D contracts with other research organizations  |  |  |  |  |
| 6. | Software purchasing |  |  |  |  |
| 7. | Design/construction |  |  |  |  |
| 8. | Service costs (*planned in case of direct affiliation)* |  |  |  |  |
| **TOTAL:** |  |  |  |  |

**4.2. Extra funding sources**

Expected extra funding from partners/customers (total for all projects).

**AGREED:**

**Chief Scientific Secretary Laboratory Director**

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**" " 202\_г. " " 202\_г.**

**Head of BEPD Scientific Secretary of the Laboratory**

 **/\_\_\_\_\_\_\_ / /\_\_\_\_ /**

**" " 202\_г. " " 202\_г.**

**Head of DSOA Laboratory Economist**

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**" " 202\_ г. " " 202\_г.**

**Head of HRRMD Theme leader**

 **/\_\_\_\_\_\_\_ / /\_\_\_\_ /**

**" " 202\_г. " " 202\_г.**

**Project leader (project code) /**

**(LRIP subproject code)**

 **/ /**

 **“ “ 202\_г.**

**Project leader (project code) /**

**(LRIP subproject code)**

 **/ /**

 **“ “ 202\_г.**

***Annex 2.***

***Theme / Large Research Infrastructure Project Form***

 **APPROVED**

 **Director of Laboratory**

 **/ /**

 **" " 202 г.**

**REPORT ON THEME / LARGE RESEARCH INFRASTRUCTURE PROJECT**

**1. General information on the Theme / LRIP**

**1.1. Theme / LRIP code**

**1.2. Laboratory**

**1.3. Scientific field**

**1.4. Title of the Theme / LRIP**

**1.5. Theme / LRIP Leader**

**1.6. Projects in the Theme / LRIP subprojects**

**2. Scientific report on the Theme / LRIP**

**2.1. Annotation**

**2.2. A detailed scientific report**

2.2.1. A description of the work carried out and the results obtained for all projects and activities of the theme.

2.2.2. Key publications (list of bibliographic references).

2.2.3. A complete list of publications on the theme (electronic annex).

2.2.4. List of talks presented at international conferences and meetings (electronic annex).

2.2.5. Patent activity (if any).

**2.3 Results of related activities**

2.3.1. Scientific and educational activities. List of theses defended.

2.3.2. JINR grants (scholarships) received.

2.3.3. Awards and prizes.

2.3.4. Other results (expert investigations, organizational, outreach activities).

**3. International scientific and technical cooperation**

The countries, institutions and organizations actually involved.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Organization** | **Country** | **City** | **Participants** | **Type** **of agreement** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**4. Analysis of planed vs actually used resources: manpower (including associated personnel), financial, IT, infrastructure**

**4** **.1. Manpower (actual at the time of reporting)**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Personnel category** | **JINR staff,****FTE amount** | **JINR associated personnel,****FTE amount** |
| 1. | research scientists |  |  |
| 2. | engineers |  |  |
| 3. | specialists |  |  |
|  | **Total:** |  |  |

**4.2. Actual cost of the Theme / LRIP**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Items of expenditure** | **Full cost****(thousands of US** **dollars)** | **Expenditure for the last year,****(thousands of US dollars)** |
| 1. | International cooperation |  |  |
| 2. | Materials  |  |  |
| 3. | Equipment, Third-party company services |  |  |
| 4. | Commissioning |  |  |
| 5. | R&D contracts with other research organizations  |  |  |
| 6. | Software purchasing |  |  |
| 7. | Design/construction |  |  |
| 8. | Service costs (*planned in case of direct project affiliation)* |  |  |
| **TOTAL:** |  |  |

**4.3. Other resources**

**5. Conclusion**

**6. Proposed reviewers**

**Theme leader**

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**" " 202\_г.**

**Project /LRIP subproject leader (project code)**

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**" " 202\_г.**

**Project / LRIP subproject leader (project code)**

(in case of several projects)

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**" " 202\_г.**

**Laboratory Economist**

 **/\_\_\_\_\_\_\_\_\_\_ \_/**

**" " 202\_ г.**