## 6. New Growth Engine Equipment Competitiveness Strengthening Project

### 1. Summary

- Promote the balanced growth of the demand industry and the equipment industry, as well as strengthen the competitiveness of the ecosystem by developing a demand-tailored type of manufacturing equipment and a demand-creation type of service equipment that supports the early mass-production of new growth engine product groups to secure the competitiveness of the future national industry.

### 2. Support area

- Equipment commercialization technology development for the localization of strategic items in the seven biggest areas of new growth engine (semiconductor, display, LED, green transportation, bio, medical, and broadcasting equipment) and support of the common core technology development

- Equipment commercialization technology development: equipment commercialization technology development in the seven biggest areas of the new growth engine
  - (Demand-tailored type) Mass production equipment that can be purchased by domestic enterprises with global competitiveness
  - (Demand-creation type) The equipment that has a great possibility of market domination in the future

- Common core technology development: development of the core technology with the world’s best level, which can be commonly used for the equipment in more than two areas

### 3. Qualified applicants

- Enterprise, university, governmental contribution research center, national and public research institute, specialized production technology research center, research association, business association, society, and other institutions that conduct industrial technology development projects under the 「Industrial Technology Innovation Promotional Act」

※ In principle, the leading agency in the equipment commercialization technology development is an enterprise. Universities and research centers can participate in this project.
※ The qualification in the common core technology development area can be limited depending on the tasks.

4. Support contents

○ Support period: equipment commercialization technology development - within 3 years; common core technology development - within 5 years

○ Support amount: about KRW 1 billion/year
※ The support period and the support amount are subject to change depending on the technology development tasks.

5. Promotional system and procedure

○ Same as the promotional system and procedure for the industrial core technology development project

6. Promotional schedule

<table>
<thead>
<tr>
<th>Demand survey and task planning</th>
<th>Support task announcement and receipt</th>
<th>Selection evaluation for each task</th>
<th>Agreement conclusion and payment of project cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015.02 – 2015.06</td>
<td>2015.07-08</td>
<td>2015.09</td>
<td>2015.10</td>
</tr>
</tbody>
</table>

※ The support scale for new and continued tasks is subject to change depending on the task planning.

7. Support scale: KRW 33.25 billion (new: KRW 6.75 billion, continued: KRW 26.5 billion)

※ The support scale for new and continued tasks is subject to change depending on the task planning.

8. Concentrated promotional items

○ Develop and provide concentrated support to the equipment in new growth engine area, where there is much demand for equipment localization and trial product development cost is also greatly required.

○ Construct the shared growth R & D system and promote the commercialization results through a technology development cooperation between the equipment industry (small- and medium-sized enterprise) and demand industry (large enterprise).
9. New application competition rate for the past three years

<table>
<thead>
<tr>
<th>Year</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Competition rate</td>
<td>2.8:1</td>
<td>3.1:1</td>
<td>3.0:1</td>
</tr>
</tbody>
</table>

10. The first-year average governmental contribution to new support tasks for the past three years

(Unit: KRW 1 million)

<table>
<thead>
<tr>
<th>Year</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Governmental contribution</td>
<td>930</td>
<td>900</td>
<td>894</td>
</tr>
</tbody>
</table>

11. Inquiry

- MOTIE, Machinery Robot Dept.: ☎ 044-203-4316 (www.motie.go.kr)
- KEIT, Machinery Robot Evaluation Team: ☎ 053-718-8313 (www.keit.re.kr)

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