

**UBND TỈNH BẮC GIANG  
BAN QUẢN LÝ CÁC KCN**

**CỘNG HOÀ XÃ HỘI CHỦ NGHĨA VIỆT NAM  
Độc lập - Tự do - Hạnh phúc**

Số **370**/KCN-DN

Bắc Giang, ngày **31** tháng 7 năm 2019

V/v: Đăng ký chương trình R&D hợp tác  
với Hàn Quốc năm 2019

Kính gửi: Các doanh nghiệp trong các Khu công nghiệp

Thực hiện Công văn số 357/CN-CNHT ngày 25/7/2019 của Cục Công nghiệp, Bộ Công thương về việc đăng ký chương trình R&D hợp tác với Hàn Quốc năm 2019; để tạo điều kiện cho các doanh nghiệp trong KCN tiếp cận công nghệ tiên tiến, theo Chương trình hỗ trợ nghiên cứu và phát triển (R&D) giữa doanh nghiệp công nghiệp hỗ trợ Hàn Quốc và doanh nghiệp công nghiệp hỗ trợ Việt Nam trong 04 lĩnh vực Cơ khí chế tạo – Luyện kim; Điện – Điện tử; Ô tô; Dệt may – Da giày.

Ban Quản lý các KCN tỉnh Bắc Giang thông báo đến các doanh nghiệp công nghiệp hỗ trợ trong 04 lĩnh vực nêu trên để đăng ký tham gia Chương trình (Theo mẫu đăng ký đính kèm). Công văn đăng ký đề nghị gửi về Ban Quản lý các KCN trước ngày 08 tháng 8 năm 2019.

Thông tin liên hệ:

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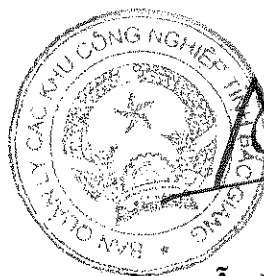
**Nơi nhận:**

- Lưu VT.

**Bản điện tử:**

- Như kính gửi;
- Lãnh đạo Ban;
- Phòng QLDN.

**KT. TRƯỞNG BAN  
PHÓ TRƯỞNG BAN**



**Nguyễn Xuân Ngọc**

## Survey Questionnaire for Joint R&D

1. Name of Company		Vietnam- Hungari electric machinery manufacturing joint stock company (VIHEM.,JSC)
2. Homepage/website Address		<a href="http://www.vihem.com.vn/">http://www.vihem.com.vn/</a>
3. Address	Main Office (Headquarters)	24, Dong Anh Town, Dong Anh district, Hanoi.
	Factory	24, Dong Anh Town, Dong Anh district, Hanoi.
4. Year of Establishment		1978
5. Overview of Company		
<p>Stock companies manufacturing power in Vietnam - Hungary is a member of the Corporation Electrical Vietnam under the Ministry of Industry and Trade of the state holding dominant shares; was established April 12, 1978. Now equitized 100%.</p> <p>*/ Business areas of the company</p> <ol style="list-style-type: none"> <li>1. Design, manufacture electric motors and generators of all kinds</li> <li>2. Production, sales repair machinery equipment electrical engineering, electrical engineering in industry</li> <li>3. Installation works of electrical equipment to 35kV</li> <li>4. Dealers were more of materials, electrical equipment and spare parts, metals,</li> <li>5. Consulting, technology transfer manufacturing power.</li> </ol> <p>*/ Products manufacturing companies</p> <ol style="list-style-type: none"> <li>1. Electric motor 1 phase AC voltage 220V capacity from 0.2 to 3kW;</li> <li>2. AC electric motor 3Pha levels of speed, capacity from 0.125 to 2500 kW (with the power supply voltage 6000V, 10000V);</li> <li>3. Types of special electric motors: engine mounted from brake, engine and intelligent engine coupling</li> <li>4. Industrial fans of all kinds;</li> <li>5. Balast fluorescent lamps (neon light tubes) 40W, 20W</li> </ol> <p>*/ Technology</p> <p>Since its establishment, the company was state-Hungary provides complete equipment and production. After nearly 31 years, the company has equipped with more advanced equipment, expand production. Company is applying more advanced technical means for business management and design, manufacturing network, computer network industry data transmission from room design to the machine processing all motor of British SPEED dedicated.</p> <p>*/ Product quality</p> <p>The company's products are manufactured according to IEC 60034 diagnostic targets, TCVN 1987-19</p> <ol style="list-style-type: none"> <li>1. The company is applying quality management system standard ISO 9001:2000.</li> <li>2. This product companies to get 54 gold medals, 14 gold cup quality</li> <li>3. Products company was selected as consumer products preferred by consumers for many years.</li> <li>4. The General Department of Quality Measurement of State certified quality domestic production to</li> </ol> <p>*/ Achievements</p> <ul style="list-style-type: none"> <li>- The company was awarded the State: Independent Order of Second class, Ba, Labor Medal rank first, second, Ba. Medal victories and third merit another.</li> <li>- General Confederation of Labor is donated flags "unit leading quality products"</li> </ul> <p>With staff of experienced, highly qualified professionals, VIHEM ready to meet all the needs of customers</p>		
6. Ownership	<input checked="" type="checkbox"/> Government owned company <input type="checkbox"/> Private owned <input type="checkbox"/> Joint Stock Company with foreign entity <input type="checkbox"/> etc.	

7. Contact Point	Name: Vu Quoc Thong		Position: Technicial Manager
	Office Tel / Mobile Tel:0912608987		
	e-Mail: quochongvu@gmail.com		
8. Number of Employees	Management :23 Administration/clerical/sales etc :20 Engineers :60 R&D personnel :12 Production line / manual workers :420 Others :50 Total :542		
9. Sales Revenue (VND)	2014	2015	2016
	140.456.847.000	160,968,847.000	171,160.990.145

10. What are the main products of your company?

1. Electric motor 1 phase AC voltage 220V capacity from 0.2 to 3kW;
2. AC electric motor 3Pha levels of speed, capacity from 0.125 to 2500 kW (with the power supply voltage: 110V, 220V, 380V, 660V, 3300V, 6000V, 10000V);
3. Types of special electric motors: engine mounted from brake, engine and Intelligent engine coupling from (VS);
4. Industrial fans of all kinds;
5. Balast fluorescent lamps (neon light tubes) 40W, 20W

11. What is the main business area?

1. Design, manufacture electric motors and generators of all kinds
2. Production, sales repair machinery equipment electrical engineering, electrical engineering in industrial and civil.
3. Installation works of electrical equipment to 35kV
4. Dealers were more of materials, electrical equipment and spare parts, metals,
5. Consulting, technology transfer manufacturing power.

12. What R&D subject does you company want for the Joint R&D with Korea?

- To develop manufacturing technology of high Line Start Permanent Magnet Motor-LSPM with high efficiency of iE 3,4

13. What kind of Korean partners does your company want to cooperate with for the Joint R&D project?

Industrial companies who are manufacturing Line Start Permanent Magnet Motor-LSPM with Korea technologies

14. What is the purpose of the Joint R&D? What products does your company plan to

produce through Joint R&D?

- To develop and create good-quality electric motor products, reduce and optimize cost.
- VIHEM focuses on researching and developing high effective electric motors and saving energy.

15. Please describe R&D capability of your company. (R&D equipment, researchers, Intellectual properties, etc)

1. R&D human resource

- Using simulation software CAD for Electric motor design
- Silicon steel and Magnetic material technologies
- Quality control and test.

2. R&D infrastructure resource

- Stamping machines, CNC and Wire cutting Machines
- Aluminum Die casting machines
- Auto winding machines for mass production

3. Intellectual properties

- Industrial design of electric motors from 1kW to 90 kW
- Some specific motor designs for Petro& Oil Technologies

16. Main Business relationships

1) Customers (List your main customers of your company)

- Ansaldo Sistemi Industriali
- VEM
- ABB
- Siemens
- Nippon Steel
- Schneider Electric
- Castrol
- Shell
- SKF
- JFE
- Euromold
- Pucaro, ...ect.

2) Suppliers (List your main suppliers of your company)

- Hai Dunong Pump Companies
- Mechanical companies