



MEMORANDUM OF AGREEMENT

Between

Rajamangala University of Technology Phra Nakhon, Bangkok, Thailand

And

Green Energy Equity Investment Co., Ltd., P.R. China

And

Fire Empowerment Co., Ltd., Thailand

This Memorandum of Agreement (MOA) is made and entered into on by and between Rajamangala University of Technology Phra Nakhon (RMUTP), is a public university located in Bangkok, where under the Ministry of Higher Education, Science, Research, and Innovation, Thailand, which located at 399 Samsen Road, Vachira Phayaban, Dusit, Bangkok, Thailand, represented by its President Dr. Natworapol Rachsiriwatcharabul, duly authorized, hereinafter referred to as “RMUTP”,

and

Green Energy Equity Investment Co.,Ltd., a China company registered in accordance with P.R. China Laws, under Commercial Registration No. 91350200MA3492CH63, with its main office located at Room 811, Taixiang Building, Siming District, Xiamen City, 361001, P.R. China., represented by its President, Dr. Lin Huan-Ku, duly authorized, hereinafter referred to as “GEEI”.

and

Fire Empowerment Co.,Ltd., a Thai company registered in accordance with Thailand Civil and Commercial Laws, Registration No. 0125565032139, with its main office located at 160/196, ITF Silom Palace Building, 13th Floor, Silom Road, Suriyawong, Bangrak, Bangkok 10500, Thailand, represented by its Partner, Ms. Apichchaya Thepsothon, duly authorized, hereinafter referred to as “FEP”.

The parties shall hereinafter individually be referred to as a “Party” and collectively as the “Parties”.

1. Objective

1.1 To conduct research on these following fields;

1.1.1 New type of environmental protection agent

1.1.2 Energy storage cabinet and new energy battery automatic fire extinguishing system and module

1.1.3 AI-Intelligent Detection – Universal fire extinguisher and develop it to the extent that it can be successfully patented, granted a petty patent, or registered to be Thailand Innovation, in accordance with the established objectives.

1.2 To ensure that researchers from RMUTP, including researcher from Faculty of Engineering, acquire knowledge and enhance their skills in the relevant fields of research as specified herein.

1.3 To facilitate the exchange of knowledge in joint research efforts, with the aim of improving teaching and learning for RMUTP students.

2. Area of Cooperation

2.1 The Parties shall collaborate on the research and development of innovations in the relevant fields of research as specified herein.

2.2 The Parties agree to cooperate in carrying out the activities and provide mutual support, including academic and advisory assistance.

3. Responsibilities of the Parties

3.1 Responsibilities of RMUTP

3.1.1 RMUTP shall conduct research in the relevant fields of research as specified herein and develop it with the collaboration among the Parties to the extent that it can be successfully patented, granted a petty patent, or registered to be Thailand Innovation. RMUTP shall also support researchers, provide research equipment and instruments currently available at RMUTP to GEEI and FEP as mutually agreed, in the following aspects:

(1) Provision of equipment, such as Air Quality Meters (Infrared Thermometers and Tensile Strength Testing Machine) and relevant equipment currently available at RMUTP, in strict compliance with the applicable regulations and guidelines governing the leasing or utilization of Thai government property.

(2) Support for the further development of research with commercial potential, ensuring that the outcomes remain a joint research effort.

(3) Support and complete for the collaboration among the Parties for products registration with National Innovation Agency (NIA),

Ministry of Natural Resources and Environment (BEDO / Green Label), Thailand Industrial Standards Institute (TISI), Thai Fire and Rescue Institute (FRI), and Department of Disaster Prevention and Mitigation.

(4) To serve as a contact window for communication with the Thai certification bodies for products in the relevant fields of research as specified herein, so as to obtain the relevant certifications for the products as specified herein.

3.2 Responsibilities of GEEI

3.2.1 GEEI shall jointly conduct research with RMUTP in the relevant fields of research as specified herein and develop it to the extent that it can be successfully patented, granted a petty patent, or registered to be Thailand Innovation, in accordance with the established objectives.

3.2.2 Conduct joint research, testing, analysis and academic data collection with RMUTP and FEP.

3.2.3 Support the provision of tools and equipment not currently available at RMUTP, but deemed necessary for the relevant fields of research as specified herein.

3.3 Responsibilities of FEP

3.3.1 FEP shall assist RMUTP and GEEI in conducting research in the relevant fields of research as specified herein and develop it to the extent that it can be successfully patented, granted a petty patent, or registered to be Thailand Innovation, in accordance with the established objectives.

3.3.2 Assist in joint research, testing, analysis and academic data collection with RMUTP and GEEI.

4. Expenditures and Budgetary

4.1 GEEI and FEP shall be responsible for covering any expenses incurred during the joint research process, only including the costs associated with all expenses incurred in the registration of patent or petty patent with the competent authorities as mentioned in Section 3.1.1 (3) and the registration to be Thailand Innovation and the relevant certification.

4.2 When the Parties complete the process of product registration with the competent authority in accordance with Article 3.1.1(3), FEP shall make a grant to RMUTP at the price of THB 25 per bottle after completion of the sale of the Products (but not including samples or giveaways) and payment is received.

4.3 Regarding other expenses incurred by the Parties themselves, such as research personnel, each party shall be responsible for its own costs. However, any expenditures which may incurred under section 2 Area of

Cooperation including new research plan must comply with the Rules of Thailand's Ministry of Finance on the Expenditures of International Training, Events, and Conferences B.E. 2549 (2006) and amendments, and rules and regulations of the relevant governmental authorities.

5. Effect of Memorandum of Agreement

This Memorandum of Agreement (MOA) is legally binding. If either Parties breaches the agreement, the other Parties shall have the right to take legal action in accordance with the Civil and Commercial Code.

6. Ownership of Intellectual Property

The Parties shall have the right to jointly apply for patents, petty patents, and register innovations in the Thailand Innovation, including:

6.1 AI-Intelligent Detection-Universal fire extinguisher.

6.2 Energy storage cabinet and new energy battery automatic fire extinguishing system and module.

6.3 New type of environmental protection agent.

Research and development efforts that lead to commercially beneficial advancements shall be considered joint intellectual property of the Parties.

7. Confidentiality

The Parties agree to maintain the confidentiality of all information related to the implementation of this Memorandum of Agreement (MOA). Neither Parties shall disclose, transfer, or use such confidential information for any purpose without prior written consent from the other Parties. Furthermore, the Parties agree to protect and maintain the confidentiality of any proprietary or confidential information received from the disclosing Parties, starting from the date of receipt and throughout the duration of this MOA.

8. Revision, Modification, and Amendment

Either Parties can request in writing a revision, modification or amendment of all or any part of this Memorandum of Agreement within thirty (30) days prior to the mutual negotiation with the other Parties. Any revision, modification or amendment agreed to by the Parties will be made into writing or intent letter which will be formed to be a part of this Memorandum of Agreement and come into force on such date as may be determined by the Parties.

9. Termination

Either Party may terminate this Memorandum of Agreement (MOA) by providing written notice of such termination to the other Parties within sixty (60) days prior to the date of termination by the approval of the other Parties. In the case of such termination, any activities currently underway shall be allowed to continue until their conclusion.

10. Duration

The term of this Memorandum of Agreement (MOA) shall be from the date of signing of the agreement and will remain in effect for 5 years.

11. Contact Details

11.1 RMUTP Contact Details

Full Name: Assoc. Prof. Dr. Supawud Nedphokaew **Position:** Lecturer

Address: 399 Samsen Road., Vachira Phayaban, Dusit, Bangkok, 10300, Thailand

Phone Number: +668 1620 3266 **E-mail:** Supawud.n@rmutp.ac.th

11.2 Green Energy Equity Investment Co., Ltd. Contact Details

Full Name: Dr. Lin Huan-Ku **Position:** President

Address: Room 811, Taixiang Building, Siming District,
Xiamen City, 361001, P.R. China.

Phone Number: +8601 3918 1631 19 **E-mail:** candyguan@163.com

11.3 Fire Empowerment Co., Ltd. Contact Details

Full Name: Ms. Apichchaya Thepsothon **Position:** Partner

Address: 160/196, ITF Silom Palace Building, 13th Floor, Silom Road,
Suriyawong, Bangrak, Bangkok 10500, Thailand,

Phone Number: +669 2246 6565 **E-mail:** ap@apexenergy.co.th

This Memorandum of Agreement (MOA) has been made in three identical copies. The Parties have read and fully understood its contents. As a demonstration of their intent and commitment to fulfilling the terms of this MOA, the Parties have signed this agreement in the presence of witnesses, affixed their official seals, and retained one signed copy each as evidence.

For and on behalf of

Rajamangala University of
Technology Phra Nakhon



Dr. Natworapol Rachsirivatcharabul,

Ph.D. PE

President

Date: 30 / Jul / 2025

For and on behalf of

Green Energy Equity Investment
Co., Ltd., P.R. China



Dr. Lin Huan-Ku

President

Date: 30 / Jul / 2025

For and on behalf of

Fire Empowerment Co. Ltd.,
Thailand



Ms. Apichchaya Thepsothon

Partner

Date: 30 / Jul / 2025

Witnessed by

Asst. Prof. Dr. Krit Jedwanna

Vice - President

Mr. Chou, Li-Kuang

Witness

Ms. Khunrudee Chaiyamad

Witness

Witnessed by

Asst. Prof. Dr. Nattapong Phanthuna

Dean of Faculty of Engineering