



Small and Medium Enterprise Administration,  
Ministry of Economic Affairs

**Program to Demonstrate the Startup Terrace  
in 2018**

**A Call for Proposals on Smart Transportation  
(RFI)**

**Notes on Proffering a Proposal**



經濟部中小企業處  
SMALL AND MEDIUM ENTERPRISE ADMINISTRATION  
MINISTRY OF ECONOMIC AFFAIRS

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## I. Description of the Program

### 1. Basis

In execution to the goals of the policies including the “Asia-Silicon Valley Promotion Program” and “Innovative Economies for Digital Countries,” the Small and Medium Enterprise Administration under the Ministry of Economic Affairs especially promotes the program to demonstrate “Startup Terrace” and build a “Global Brand for Clusters of Entrepreneurship and the International Access to Innovation and Incubation” in Taiwan that aims to connect international talents, funds, technologies, know-hows and develops Taiwan into the primary base for international entrepreneurship. In order to optimize the business circles, life environment, entertainments and leisure, and traffics transportation for “Startup Terrace” in Linkou in the meantime to provide a smart living environment and active & open test field for cooperation to research. Proposals of Creative Ideas for Smart Transportation (Request for Information, RFI) for this program to demonstrate “Startup Terrace” are hereby solicited publicly according to “Directions for the Program to demonstrate Startup Terrace” promulgated by Small and Medium Enterprise Administration under the Ministry of Economic Affairs (hereinafter referred to as this Program).

### 2. Location of the Project Base

The Project Base of the Program to Demonstrate “Startup Terrace” is selected on location of in between blocks of Wenhua 1st Rd. and Renai Rd. at Linkou District, that neighbors to Linkou Junior High and Linkou Senior High.



Figure 1. Location of “Startup Terrace”

Total of society population houses total amount to 3,490s in New Taipei City (those used for the International athletes' Camps of World University Games on 2017), those buildings of A6, A7, A3(Storefront) and B5 are selected and develop that area to demonstrate “Startup Terrace,” where total floor space approx. to 33,058 m<sup>2</sup>.

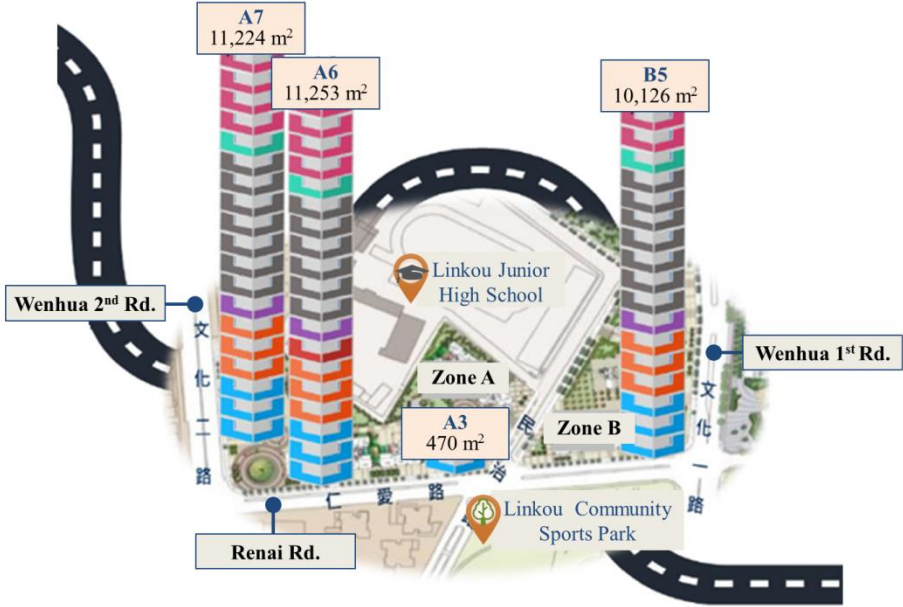


Figure 2. Project Base for “Startup Terrace”

**3. Overview of Roads in the Neighborhood**

There are 6 major roads cross connections to neighborhood of “Startup Terrace,” those are listed detail as following below:



Figure 3. Roads in the Neighborhood of “Startup Terrace”



**A : [Wenhua 3<sup>rd</sup> Rd.]** is a North-South traffic connecting road of width to 30M. The traffic island puts in center of road for vehicles traffics motivation & isolated both sides, where those 2 lanes are arranged for each side (4 lanes in totally). There are regular parking lots and pavements with 2M width at both sides.

**B : [Wenhua 2<sup>nd</sup> Rd.]** is a North-South traffic connecting road the Project Base also an important traffic connection to Linkou District of width to 30M. The traffic island puts in center of road for vehicles motivate traffics isolated at both sides, where those 2 lanes are arranged for each side (4 lanes in totally). There are regular parking lots and pavements with 2M width at both sides.

**C : [Gongyuan Rd.]** is a North-South road in between connection of Renai Rd. in north end and Bade Rd. in south end, it is local traffic in Linkou District of width to 20M. The traffic island puts in center of road for vehicles motivate traffics isolate at both sides, where 1 lane is arranged for each side (2 lanes in totally). There are regular parking lots but no pavements on both sides.

**D : [Sihwei Rd.]** is an East-West road connecting from Wenhua 3<sup>rd</sup> Rd. at West side and Bade Rd. in the end connection at East side with width to 20M. The traffic island puts in center of road for vehicles motivate traffic isolated at both sides, where 1 lane is arranged for each side (2 lanes in totally). There are regular parking lots and pavements with width in between 1.5 to 3M at both sides.

**E : [Wenhua 1<sup>st</sup> Rd.]** is a North-South road connecting the Project Base park to Linkou District with width to 40M as major traffic connection. The traffic island puts in center of road for vehicles motivate at both sides, where have 3 lanes for each side (6 lanes totally). There are regular parking lots and pavements with width to 3M at both sides.

**F : [Renai Rd.]** is an East-West road of traffic connecting the Project Base, in west section that connect to Wenhua 1<sup>st</sup> Rd. with width to 30M. The traffic island is located in center of road for vehicles motivate at both sides, where have 2 lanes for each side (4 lanes totally). There are regular parking lots and pavements with width to 1.5M at both sides. The road section to the east section that connecting and cross over Wenhua 1<sup>st</sup> Rd. width to 20M. The traffic island is located in center of road for vehicles motivate both sides, where have 3 lanes for each side (6 lanes totally). There are regular parking lots on some section of road and pavements with width to 2M at both sides.



#### 4. Current Traffic Conditions

In future when this “Startup Terrace” puts to fully operation, where is expecting that will more superior from domestic and foreign innovators move to Linkou. It is estimate during the traffic peak hours, it will be totally 13% of the population in district move in traffic, under such condition we suspecting traffic jam occurred suddenly.

Residents can traffic along Wenhua 1<sup>st</sup> Rd. to south about 10 minutes to reach Zhongshan Freeway. It takes 22-40 minutes to reach Taipei City by driving, 46 minutes by public bus, or 36-42 minutes by the Airport MRT.

“Startup Terrace” is 2.2 kilos away from the Airport MRT A9 station:

- If take walks along Section 2 of Renai Rd., it may need 27 minutes to connect Section 2 of Wenhua 2<sup>nd</sup> Rd.
- If take walks along Section 2 of Renai Rd. about it may need 27 minutes to connect Gongyuan Rd.

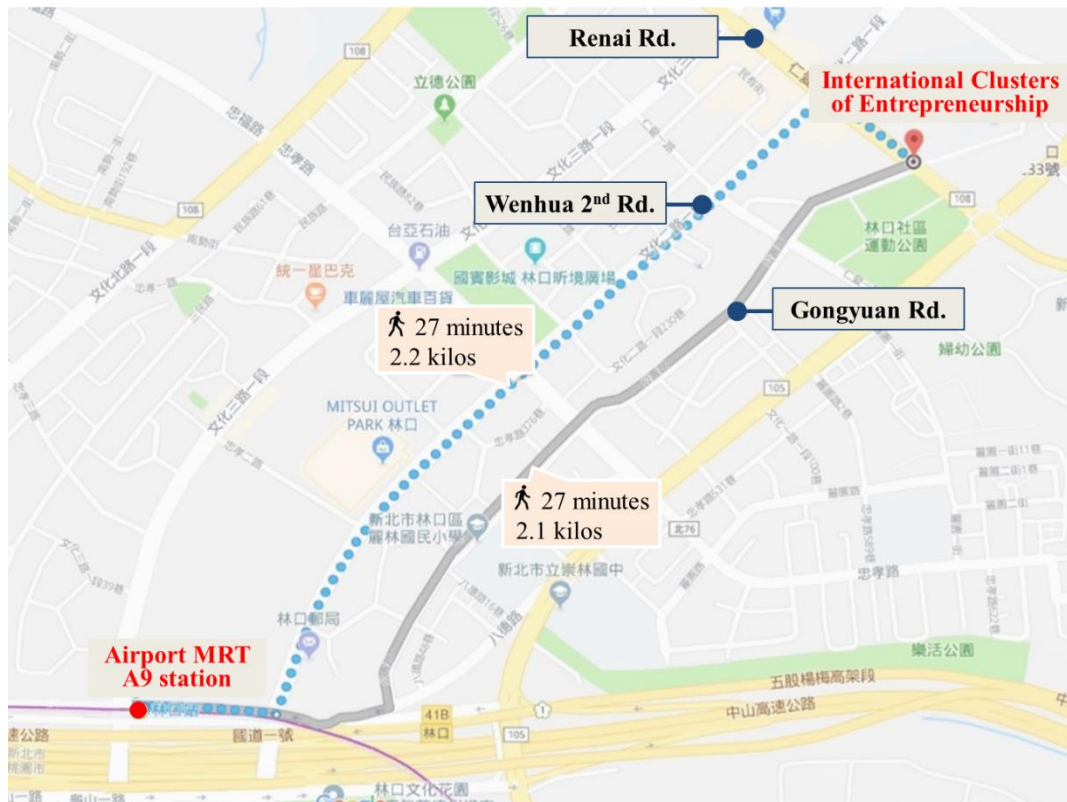


Figure 4. The Walking Distance between the “Startup Terrace” and the Airport MRT A9 station



### 5. Purpose

This Program is promoted for the following 2 purposes:

- Leed-in innovative and appropriate application services, to make improve to more convenience of transportation and improve overall quality of transport services, so people those live in Camps of Startup Terrace can experience the innovation and convenience.
- Promote link of international smart vehicle technologies, to make cooperation possibility between innovation experiments and upgrade the smart vehicle technologies for industrialization purposes.

### 6. Procedures of A Solicit to Proposals and Relevant Schedules

This Program makes a Solicit to Proposals, plan to divides to two phases.

- Phase 1<sup>st</sup> : Proposals of Ideas Creative for Smart Transportation (RFI)
- Phase 2<sup>nd</sup> : Early Experiments to Smart Transportation Innovations

Table 1. Procedures of A Solicit to Proposals

Phase	Phase 1 <sup>st</sup>	Phase 2 <sup>nd</sup>	
	Proposals of Ideas Creative for Smart Transportation	Early Experiments to Smart Transportation Innovations	
	RFI	RFP	
Scheduled Time	2018	2019	2020
Expected Outcomes	<ul style="list-style-type: none"> <li>• Conduct International Symposium, Invite potential international proponents to Taiwan and present their technologies, and on site surveys.</li> <li>• Select five most “creative” and “viable” proposals.</li> </ul>	2 vendors are selected.	
		<ul style="list-style-type: none"> <li>• Provide autonomous vehicles</li> <li>• Conduct test run of autonomous vehicle in Road Section A for 1 quarter</li> <li>• Build up safety infra-structures to interaction of Road Section A</li> </ul>	<ul style="list-style-type: none"> <li>• Provide autonomous vehicles operation &amp; maintains</li> <li>• Conduct test run of autonomous vehicles in Road Sections A+B for half year</li> <li>• Build up relevant devices to infra-structures to interaction of Road Section B</li> </ul>



<b>Highlights of the Whole Process</b>	<ul style="list-style-type: none"> <li>• <b>Expecting four years duration, Smart Transportation from Linkou MRT Station A9 to the Athletes' Village to operation for innovators and residents gets good quality of transport services &amp; convenience traffics.</b></li> <li>• <b>Continue to provide and cooperate on experiments of innovations. Promote international communicate &amp; work-out to smart vehicles technologies. To promote Taiwan's smart vehicle technologies and upgrade those relevant industries as world class key players.</b></li> </ul>
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## 7. Vision of the Program

- In order to nurture the Innovation & Entrepreneurship ecosystem and buildup an international brand image to Taiwan's Innovation & Entrepreneurship, so that can promote Taiwan as a regional Innovation & Entrepreneurship center. The Athletes' Village of World University Games in Linkou is selected as the Camp of "Startup Terrace" for its comprehensive advantages of proximity, scalability and life functions to combine domestic and foreign enterprises capability and abilities to provide essential services is necessary. Such as International level mentor to provide counseling/incubation-accelerating support/financial & accounting services/legal consultant/business operation activities. It also provide special visa for entrepreneurs, capital found for start-ups, relax a further regulations relevant to sand box innovation, so as to link Taiwan and the rest Nations of the world, and promote international Startup Terrace.
- "International clusters" and "innovation" as the main axes, "Startup Terrace" is a project developed mainly in response to the "Asia-Silicon Valley Promotion Plan" to attract international innovators and promote crosslink and cooperation between worldwide and local, also to promote Taiwan as an important partner of the supply chain of innovative services in Asia. This program can upgrade the innovation and entrepreneurship ecosystem in our country by incorporate innovative talents and international innovative resources. Through optimize operation policies & regulations, the international entrepreneurship policies and decrees will be reviewed to link the resources required for industrial development, marketing, venture capital and entrepreneurship and professional counseling, and stimulate innovation, accelerate so called "digital economy", bolster the investment environment, combine manpower resources, and explore new businesses which base on the potential of internationalization. This program will promote cross-border cooperation, so as to link local talents with the world wide to the future, and help innovate and develop relevant





industries.

- Startup Terrace will focus on the management concepts of International Clusters, Innovation, Integration, Interaction, Investment and Industry and space planning to build a good environment for innovators to live, work and conduct social activities. The Startup Terrace will serve as a platform for integration of the SMEs and Start-ups (Innovators) in Taiwan. “Startup Terrace” also serves as a platform for integration of small and medium-sized start-up in Taiwan for implementation of Taiwan’s new South-Forward policy. It also fosters a new cooperative ecosystem based on mutual trust and mutual assistance with enterprises by promoting a high-quality environment for cross-border and cross-discipline cooperation and strengthening the link between Taiwan and the rest of the world. In the future, we will continue to strengthen and promote the integration of energy and resources for innovation and entrepreneurship. We will create a quality environment that supports youth entrepreneurship by liberalizing business-related regulations and assisting start-ups in obtaining intellectual property patents, implementing entrepreneurial ideas, and investing in venture capital funds.

## **II. Proffering Proposals of Creative Ideas for Smart Transportation**

### **1. Qualifications to Proffer a Proposal**

- (1). Legal and licensed enterprises, schools, business groups, corporations, domestic and international entities.
- (2). Practical experience in research and development of smart vehicles those to technologies, service design, and operational planning.

### **2. Types of Proposals**

There are two types of proposals as in “Individual Proposals” and “Joint Proposals.” And relevant details are set out as follows :

- (1). “Individual proposals” refer to proposals proffered alone by individual enterprises, schools, business groups, corporations, etc.
- (2). “Joint Proposals” refer to proposals proffered jointly by 3 or more enterprises, schools, business groups, corporations, etc.



### **3. Contents of the Proposals**

- (1). Describe the comparisons of Smart Transportation and the autonomous vehicle markets
- (2). Describe potential business models of smart Transportation and the autonomous vehicle from Taiyuan Airport MRT A9 station to “Startup Terrace”
- (3). Describe the autonomous vehicle level, exterior designs, systems and functions
- (4). Describe the degree of the open platform for the autonomous vehicle to provide start-ups for further development of autonomous vehicle technologies
- (5). Describe technical proposals on crossing the road intersections
- (6). Describe the assessment of the impact of the autonomous vehicle on the local traffic environment
- (7). Describe the formulation of the performance evaluation metrics for the autonomous vehicle
- (8). Introduce the vendor proffering the proposal (including products, services, development experience, performance, past customers, etc.)
- (9). Describe schedules to be implemented and funding plans

### **4. Documents to be Prepared**

- (1). An Electronic File in the format of .doc (The text in English - Font : Times New Roman - Font Size: 14; The text in Chinese – Font Style: Italics – Font: BiauKai - Font Size: 14; Number of Pages: at most 20 pages in principle)
- (2). Supporting documents affixed with a seal (such as the company seal) to prove establishment and registration of enterprises, schools, business groups and corporations.

### **5. Duration of Announcement and Deadline of the Registration**

- (1). Duration of Announcement : Date of Announcement - 2018/4/30
- (2). Deadline of Registration : 2018/4/30 (based on the time of



delivery displayed in the E-mail).

## 6. Registration Method

(1). Proponents must prepare all necessary data, and e-mail the complete data to the Project Office at loangel@itri.org.tw. After the Project Office confirms the data are complete, the Project Office shall reply to the proponents by E-mail.

(2). Contact Info of “Startup Terrace Project Office”

Address: No.37, Sec. 3, Roosevelt Rd., Taipei City, Taiwan 100, R.O.C.

Tel: 02-23692358, E-mail: loangel@itri.org.tw

## 7. Service Window

If you have any consulting needs and comments, please contact the consultation window.

[English Service]

Tel : +886-3-5914793 , E-mail : hueiru@itri.org.tw

[Chinese Service]

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## III. Review of the Proposals

### 1. Selection Method

(1). This program will review the proposals in two phases, as in “Preliminary Screening” and “Formal Review.” Each phase will be implemented by the respective reviewing committee and the reviewing results will be submitted to the director of the Project Office for approval.

(2). “Document Review” will be adopted in “preliminary screening,” while a 10-minute presentation on site shall be required for “Formal Review” in the 2nd phase.

(3). The reviewing committee shall select 5 most “creative” and “feasible” proposals and conduct “Formal Review” on the previously-selected proposals in the InnoVEX activity based on



applicable review and selection standards, so that the officials from the Small and Medium Enterprise Administration under the Ministry of Economic Affairs can publicly award: A. Trophies, B. Certificates of Merits and C. Prize Monies to the top 5 award-winners.

Table 2. Description of the Awards

Awards	Prize Monies	Number of Award Winners	Phase 2 <sup>nd</sup> (RFP) for plus points
Superiority	US\$ 30,000	1	8
Excellence	US\$ 15,000	2	6
Remarkable	US\$ 10,000	2	4
Total	US\$ 80,000	5	

- (4). Vendors of award-winning proposals will be given the priority to be considered in the 2<sup>nd</sup> phase (RFP).

## 2. Selection Criteria

The proposals will be compared in terms of the four categories, including Abilities to grasp market condition, Abilities to solve problem, Abilities to grasp relevant technologies, and the Company Structure, whereas their Weights and Assessment Contents are set out as follows :

Table 3. Selection Criteria

Assessment Item	Weights	Assessment Contents	Max. Points
1. Capabilities of Market Analyzing	10%	Comparisons of Smart Transportation and autonomous vehicle markets	10
2. Capabilities of Solving Problem	50%	The uniqueness and innovativeness of the business model	10
		Feasibility of the business model (mastery of and solutions to the present problems)	20
		Viability of the business model (rationality of the construction schedule, funding planning and other resource investments)	20
3. Capabilities of Relevant Technologies	30%	Independent research and development capabilities (domestic	10

		and foreign patents and awards)	
		Abilities to link External cooperation units and resources	10
		Openness of the service platform or system	10
4. Company Structure	10%	Existing products, services, development experiences and performances, other customers, etc	10
Total Score			100

### 3. Time for Review

- (1). Duration of Document Review : 2018/5/1 - 2018/5/15
- (2). End and Announcement of Results of Document Review : before 2018/5/20
- (3). Substantial Review and Awarding : 2018/6/5 - 2018/6/9 (One day will be chosen. TBC...)

### 4. Matters to be Noted Specially

- (1). As verified by the Project Office, anyone who has infringed the rights of others in violation of the “Directions for the Program to demonstrate Startup Terrace” promulgated by “Small and Medium Enterprise Administration under the Ministry of Economic Affairs” and fails to make improvements by the deadline shall be disqualified from receiving awards, and the trophies, prize monies and certificates of merit that have been issued will be reclaimed as well.
- (2). The award winner must specify a representative from the enterprises, schools and legal institutions whom shall sign contract with the authorization to receive the prize money. Award winners from abroad shall pay the tax based on the regulation of ROC.
- (3). The organizer has the authority to manage or delegate the following process or activities: the application of the admissibility, review, approval, identification, disbursement or recovery of incentive payments, and cancellation.