

Stock code:  
2597

潤澤社會 泰安民生  
弘大精微 創研先鋒

忠誠

熱忱

創新

團隊

分享

2019

2020

2021

2022

2023



# Ruentex Engineering & Construction Co., Ltd.

## 2020 Investor Conference

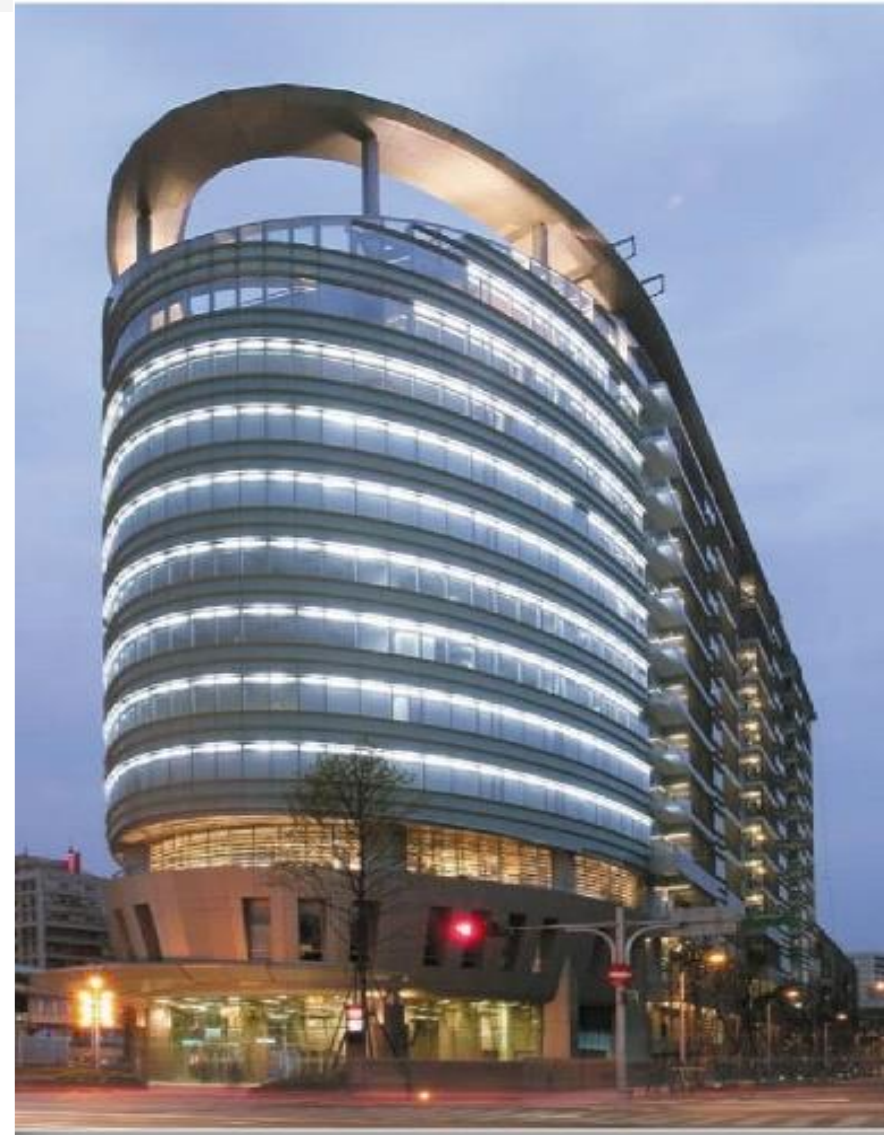
General Manager Wei-Han Mo

# Disclaimer

- This release is based on current subjective and objective factors as of the date of this release in summarizing and evaluating the past and current performances. If this release includes forward-looking statements, these forward-looking statements are subject to risks, uncertainties and assumptions that may cause actual results to differ materially from what may be expressed or implied by such statements.
- All statements in this release makes no representations, indications or guarantee as to the accuracy, completeness and reliability, and does not represent a comprehensive report for the subsequent development of the company or related industries.
- We undertake no obligation to update or revise any statements in this release.

# Outline

- **Company features**
- **Business performance**
- **Business strategy**
- **Future outlook**



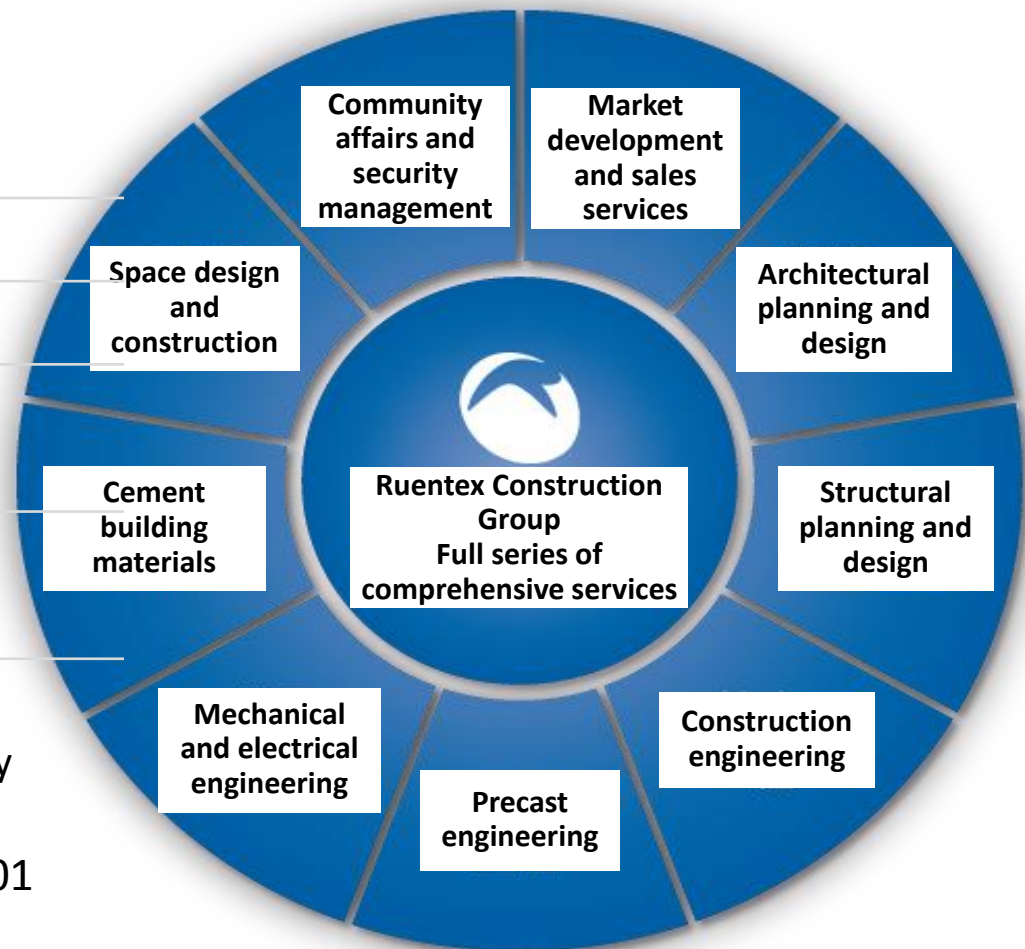
潤泰總部:中崙大樓



# Introduction of Ruentex Engineering & Construction Co., Ltd.



<b>Date of establishment:</b>	November 1975
<b>Paid-in Capital:</b>	NT\$1.8495 billion
<b>Chairman:</b>	Chih-Hung Lee
<b>General Manager:</b>	Wei-Han Mo
<b>No. of Employees:</b>	920
<b>Quality/Safety and health certification:</b>	ISO9001 (2008 International Quality Standards) TOSHMS & OHSAS 18001 (Occupational safety and health)



**Comprehensive value-added solutions to quickly integrate the construction team**

# Basic information

## ➤ Grade A Construction Company

- Civil engineering design and construction
- Comprehensive value-added solutions to quickly integrate the construction team

## ➤ Mechanical and electrical engineering company

- Mechanical and electrical system engineering design and construction

## ➤ Precast factory

- Design and construction of precast wall and precast structure
- Core precast technology
- Leading innovative R&D in the industry
- Precast structure by special construction method
- Production and sales of precast concrete products

For more details, please search the official website  
[www.rtc.com.tw](http://www.rtc.com.tw)



# Subsidiary—Ruentex Materials



- **Shareholding %: 39.15%**
- R&D, production and sales of cement and RT mix (cement formula)
- The developed offshore wind power grout has obtained certification from an authoritative institution, and has tapped into the wind power supply chain



- **Abundant RT mix product lines**
  - Mortar
  - Finish gray
  - Fix
  - Filling material
  - Non-shrinkage grout
  - Self-leveling floor screed
  - Waterproof



# Ruentex Features

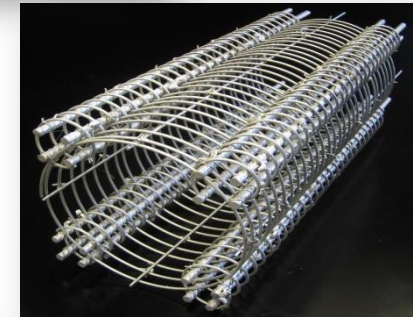
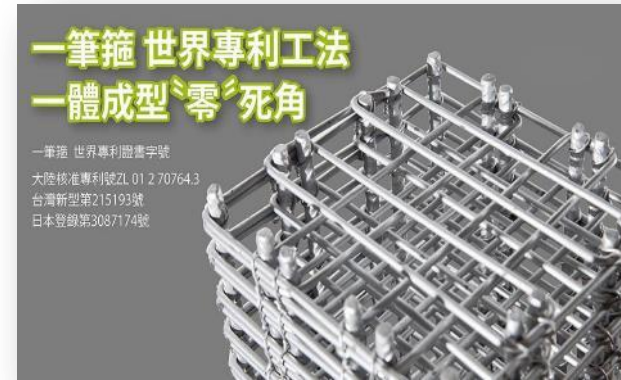


- Comprehensive and rapid integration
- Innovative R&D, patented technology
- Fast construction method, precision precast
- Aluminum mold, automated construction equipment
- Mechanical and electrical MRO, sustainable maintenance
- 4D BIM
- E-management, SAP ERP



# Leading R&D Technology-based

- Already obtained 674 patents (including 20U.S. patents)
- 68patents pending
- Develop and promote precast housing to solve the problem of insufficient workforce
- Development and application of new precast construction
- Optimizing construction method of tech offices and business areas, and deploying global patents
- Construction technology and equipment upgrade





# Precast products (produced from self-owned precast factory)



Prestressed Precast roof slab



Grid Precast waffle slab



Precast column



Precast beam



Precast exterior wall (Decorative stone)



Precast exterior wall (rubber mold concrete)

# Precast construction - Fast, precise and environmentally friendly

Main beam installation



secondary beam installation



Metal Deck installation



Reinforcement for Beam-column joint



Reinforcement and concrete casting for floor



Floor grout



Next floor



Column installation



START

施工影片



# Introduction of new equipment and technology

- First for applying **aluminum mold, concrete distributor** and other equipment
- **Improve construction efficiency and solve the problem of labor shortage**

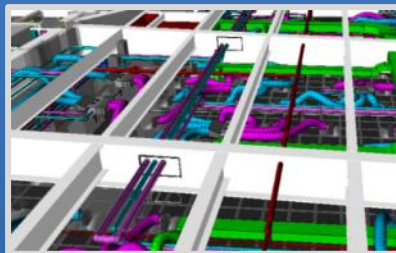
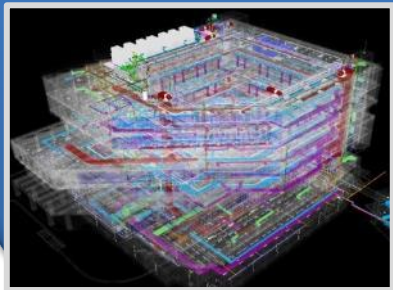
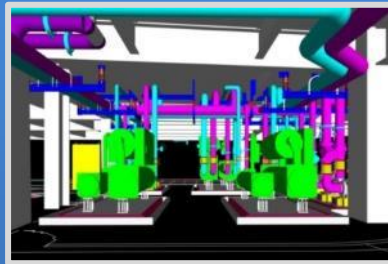




# Mechanical and electrical features

## Building life cycle

### Design: 4D review + BIM



### Construction: Inspection

#### 施工/模型導覽管線佈置位置

- 1. 施工前現場透過施工模型導覽，可即時預先查看該佈置位置與管線之高度、路徑位置作為施工前之參照。
- 2. 施工人員可藉著現場管線配置，提供機電管線佈置標準度，避免重工，提高現場施工效率。
- 3. 施工完成後與模型比對。



本圖中皆為電氣管線施工位置參考圖

#### 施工前/施工後現場照片



#### 施工前/施工後現場照片



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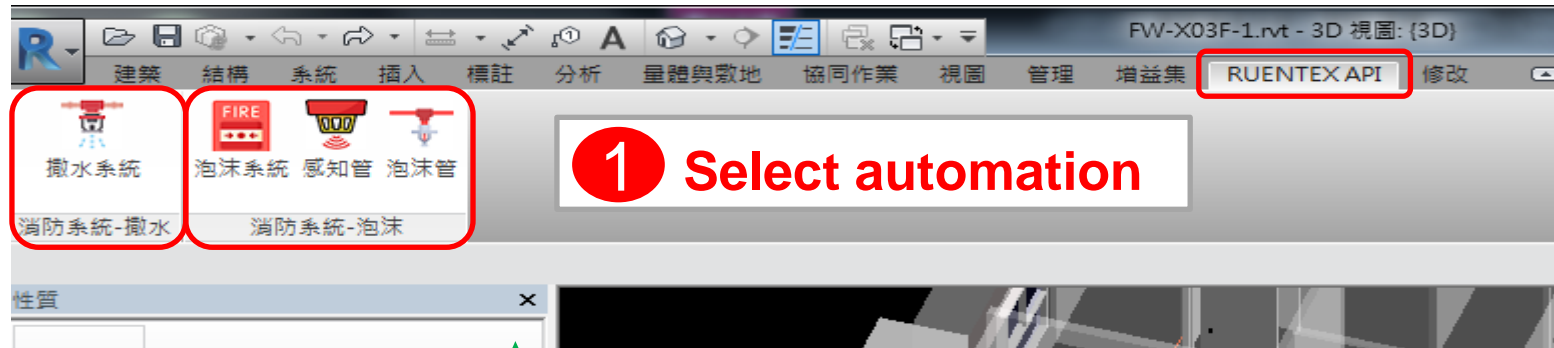


#### 施工前/施工後現場照片

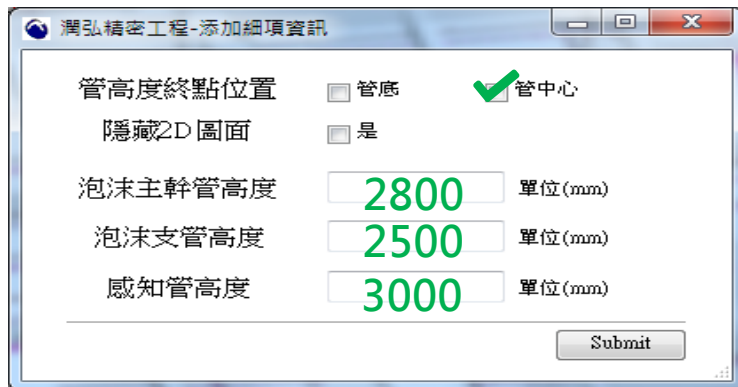


# Electromechanical Features; **Development of Electromechanical Automation (Pipeline Design)**

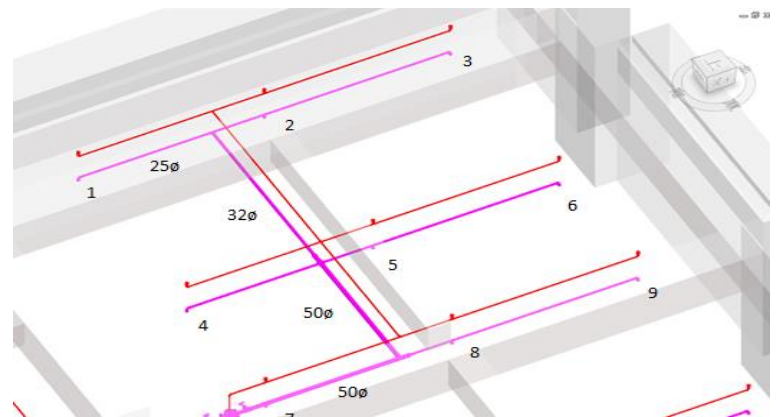
- Just three steps to quickly complete the drawing!



## 2 Set illustration terms



## 3 Completed



# Information transparency, e-management, function and enhancement



## ERP(SAP)

- Integrate all business information



## BIM planning technology

- Provide integrated information



## CRM information transparency

- Enhancing communication efficiency with customers



## e-Learning/passport

- Digital learning to enhance capabilities



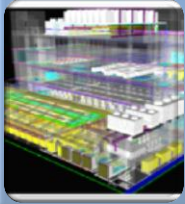
## PAD fully upgraded

- Mobile management



## R&D website/KM

- Technology inheritance and knowledge sharing



## MRO

- 3D maintenance and repair disc



## CCTV

- Zero distance management and communication



# 2021 Honor Award

- Won the 2021 Safety and Health Engineering of Ministry of Labor (Excellent) (New Turnkey Construction Public Housing of Zhongli District I)
- Won the 15th Safety Gold Prize - Public Works (Excellent) (New Turnkey Construction Public Housing of Zhongli District I)
- Won the 15th Safety Gold Prize - Civil Residential Construction (Excellent) (Coni International Group Chiayi New Turnkey Construction)
- Won the 2021 Taoyuan Safety and Health Engineering (Excellent) (New Turnkey Construction Public Housing of Zhongli District I)

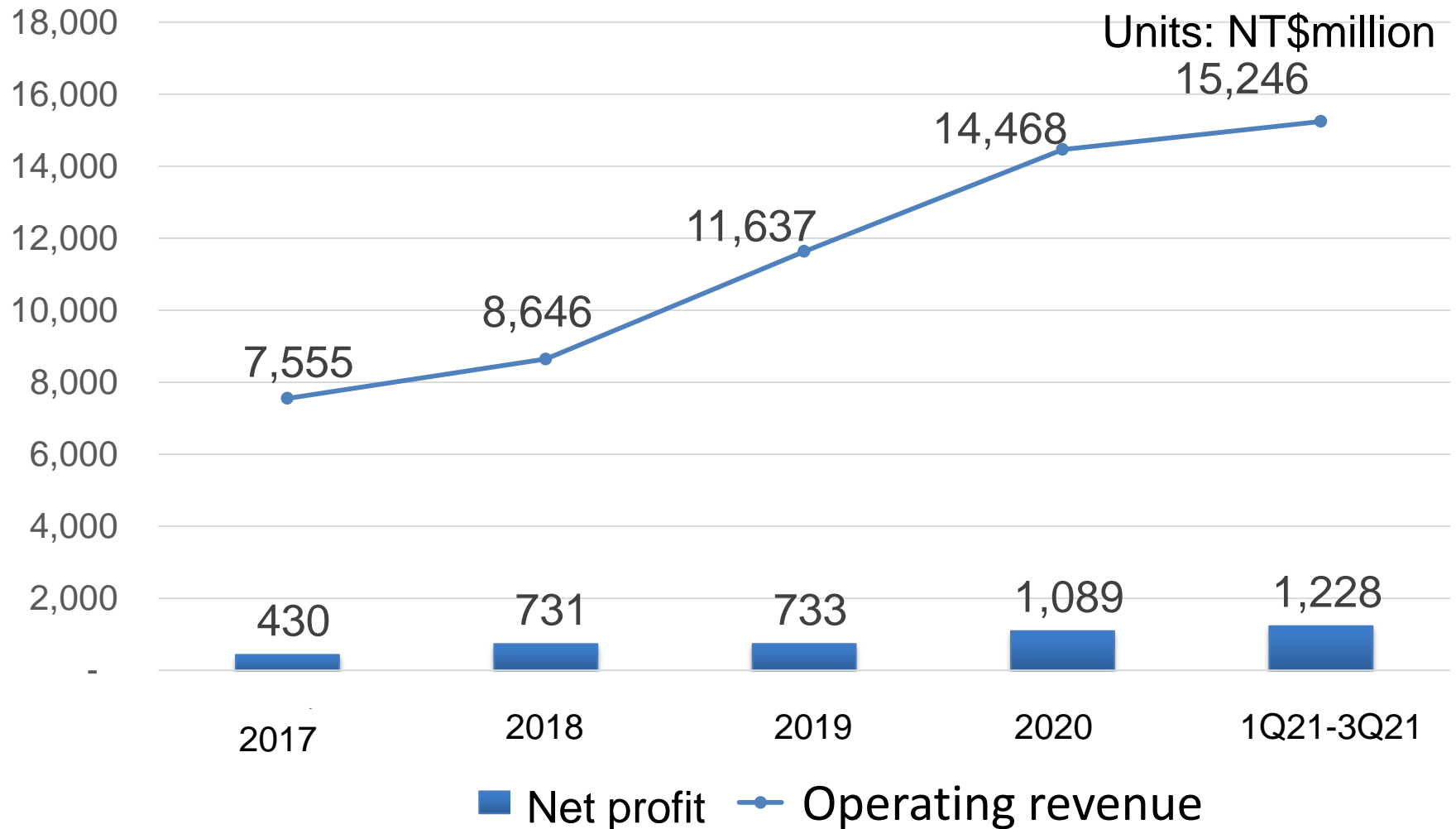




# • Business performance



# Revenue in the most recent 5 years (consolidated)





# 2019–2021 consolidated sales



Units: NT\$ thousand

	2019	2020	1Q21–3Q21
Operating revenue	11,637,322	14,468,066	15,245,980
Gross profit	1,432,686	1,959,894	2,321,372
Operating expense	714,530	803,987	701,063
Operating income	718,156	1,155,907	1,620,309
Non-operating income	164,561	183,813	98,173
Pretax profit	882,717	1,339,720	1,522,136
Net profit	733,133	1,089,458	1,227,925
Net profit attributable to the parent company	679,710	1,009,976	1,274,221

Note: The above information is the consolidated financial results.

# 2019–2021 consolidated assets



RUENTEX

Units: NT\$ thousand

Year	2019	2020	1Q21–3Q21
Total assets	11,129,848	12,048,273	16,103,776
Total debt	5,849,449	6,343,179	8,495,060
Shareholders' total equity	5,280,399	5,705,094	7,608,716
Share capital	1,350,000	1,350,000	1,849,500
Net value per share (NT\$)	28.57	31.47	32.77
EPS (NT\$)	5.03	7.48	6.89

# Dividend payout in the most recent 5 years



Year	2016	2017	2018	2019	2020
EPS	4.5	2.55	4.9	5.03	7.48
Cash dividend (inclg. Statutory surplus )	4	2.35	4.8	4.5	6.5
Stock dividend	-	-	-	-	3.7
Dividend payout ratio	88.89%	92.16%	97.96%	89.46%	89.57%
Yield	8.80%	6.28%	7.79%	6.76%	5.95%



# Contract engineering

Project name	Type	Contract period													
		←	2021				2022				2023				→
1、Ruentex Awesome	Civil construction (innovative)														
2、Ruentex Ding Fong	Civil construction (innovative)														
3、Ruentex Wen Hua	Civil construction (innovative)														
4、MRT sites in Sanchong	Civil construction (innovative)														
5、Ruentex Xinyi	Civil construction (innovative)														
6、Ruentex Home	Civil construction (innovative)														
7、Daan Fuyang	Civil construction (innovative)														
8、Wugu A	Civil construction (innovative)														
9、Wugu B	Civil construction (innovative)														
10、Qingtian St.	Civil construction (innovative)														
11、Nangang Yucheng Section	Civil construction (innovative)														
12、Special construction 5 (SC5) – PC	Civil construction (others)														
13、Jiangling exterior wall	Civil construction (others)														
14、Tech company F18P4	Civil construction (others)														
15、Tech company12P8	Civil construction (others)														

# Contract engineering

Project name	Type	Contract period													
		←	2021				2022				2023				→
16. Tech company – F18P5	Civil construction (others)														
17. Tech company – F18P6	Civil construction (others)														
18. Tech company – AP6A	Civil construction (others)														
19. Tech company – F18P7	Civil construction (others)														
20. ANA GEO	Civil construction (others)														
21. Tech company – P5-BSGS	Civil construction (others)														
22. Tech company – F14P8	Civil construction (others)														
23. Tech company – F18P8	Civil construction (others)														
24. Special construction 4 (SC4)	Civil construction (others)														
25. Hope Plaza	Civil construction (others)														
26. Special construction 5 (SC5) – PC	Civil construction (others)														
27. Yun San Bentley	Civil construction (others)														
28. Sheng Ai Shan Zhuang Spiritist Center	Civil construction (others)														
29. Phison 5	Civil construction (others)														
30. Coni Chiayi	Civil construction (others)														

# Contract engineering

Project name	Type	Contract period												
			2021				2022				2023			
31. Factory C of Project T	Civil construction (others)													
32. Yeong Guan – Taichung	Civil construction (others)													
33. Phison 3-Dimensional Parking Lot	Civil construction (others)													
34. Amaran Biotech	Civil construction (others)													
35. Ziyun temple	Civil construction (others)													
36. Hsuan Chuang Cultural And Educational Foundation	Civil construction (others)													
37. Meikuang Parking Space	Civil construction (others)													
38. Molie Quantum Energy	Civil construction (others)													
39. Ting Chin Tech Zhubei	Civil construction (others)													
40. Chungli No.1	Public construction													
41. National Taipei University of Nursing and Health Sciences	Public construction													
42. Wanhua District Social Housing	Public construction													



# Business performance — construction in progress



As of october 2021

- The total contract amount for the construction is NT\$54.6 billion
- As of october 2021, a total of NT\$19.5 billion has already been recognized.
- NT\$35.1bn of the contract amount has not yet been recognized.

# Additional orders for Ruentex in 2021 (January-October)



- Ruentex New Turnkey Project – Qingtian St.
- Yeong Guan Taichung Port Factory New Turnkey Project
- T company AP6A precast
- New turnkey project of social housing in 2 bases in Huajiang Section, Wanhua Dist., Taipei City
- Expansion Project of Ziyun Temple, Southern Tiantai, Dharma Drum Mountain
- T company F18P7 precast
- T company F18P5 precast

# Additional orders for Ruentex in 2021 (January-October)



- M company P3 parking garage
- T company F18P8 precast
- Molie Quantum Energy Lithium Battery Plant in Kaohsiung
- Xuanzang Cultural Park, Zhengjue Temple
- G Company Zhubei Factory New Turnkey Project
- T company F18P6 precast
- T company F14P8 precast



# Bidding projects

Approximately  
NT\$27.2 billion



Basic order information	Estimated Amount	Floor Quantity	Total Floor Area m2	Schedule	
				Begin construction	Completed construction
PC exterior wall of Taipei residential buildings	160,000,000	-	-	2022Q3	2023Q1
Nangang Headquarters	15,000,000,000	-	195,000	2022Q3	2026Q2
Shilin Construction	5,000,000,000	B3~18F	74,000	2022Q1	2024Q1
Taipei City Urban Regeneration	850,000,000	B4~14F	12,000	2022Q3	2025Q2
M company new factory	4,300,000,000	B1~5F	44,000	2022Q1	2022Q3
S company new factory	1,900,000,000	-	9,000	2022Q3	2023Q4



# Business strategy



RUENTEX

## Profitable

- The return of Taiwan companies and investment of foreign tech manufacturers to set up factories in Taiwan
- New generation TSMC factory
- Precast products are progressively becoming mature products under severe labor shortage.
- Domestic and foreign companies have been attracted to the brand Ruentex.
- The Group has abundant resources, and talents from various fields with the ability for horizontal and vertical integration, which can help create niche products for the Company.
- Leading R&D innovation in the industry which enhances company value and features.



# Target customers – actively building the customer base



- **Plant investment of high-tech manufacturers and foreign companies**
  - Major international companies have invested in Taiwan and built data centers, while several international companies are currently under negotiation.
  - Ruentex is selected as a foreign investment target as it is experienced in plant construction and integration.
  - Actively seize contract opportunities in the high-tech industry (wafer, optoelectronics, DRAM).
- **General offices and business areas**
  - With the various opportunities, precast can meet company requirements during tight construction schedules.
  - Adopting the new SRC construction method for commercial office buildings to create customer value.

# Target customers – maintaining customer relationships



- **Urban construction project**

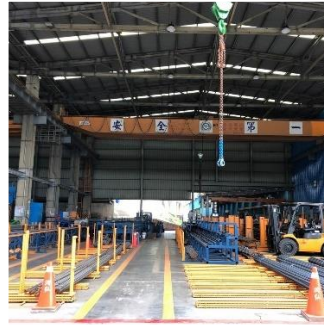
- **The parent company's innovative project** is estimated at NT\$100 billion for the next 10 years.
- Government-led urban renewal/reconstruction of urban unsafe and old buildings

- (Source: ETtoday News Cloud › ETtoday Real Estate Cloud, 14:30, June 9, 2020)

- **Public construction**

- Social housing
  - **Corporate social responsibility**
  - **Provide excellent construction quality**
- Other public works, government-led urban renewal, market reconstruction

# Development strategy



Leading R&D  
Technological innovation



Precast Technology-  
based  
Developing automated  
construction



Value integration services  
Reputation, trust, and  
mutual support



# Future outlook

- **Innovative R&D/building construction**
  - Adhere to innovative R&D and optimization of construction quality
  - Introduce new construction methods and new technologies
    - Replacement of traditional formwork with aluminum formwork, and replacement of steel bar binding with continuously wound bars or wires, in order to reduce labor requirements by precast products, and leading the industry in changing traditional construction methods.
- **Active development/business growth**
  - Market expansion and revenue growth.
  - Generate profits for shareholders and give back to society.





# Thank you

Ruentex Engineering & Construction

