

# Zero Defect Waterproofing System

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An aerial night view of a city, likely New York City, with a network of glowing lines overlaid on the buildings. In the foreground, there is a stylized bar chart with several bars of varying heights, colored in shades of green and yellow. The word "CONTENTS" is written in large, white, sans-serif capital letters across the middle of the image.

# CONTENTS

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**What is Zero Defect  
Waterproofing System?**

0

**How to Do?**

0

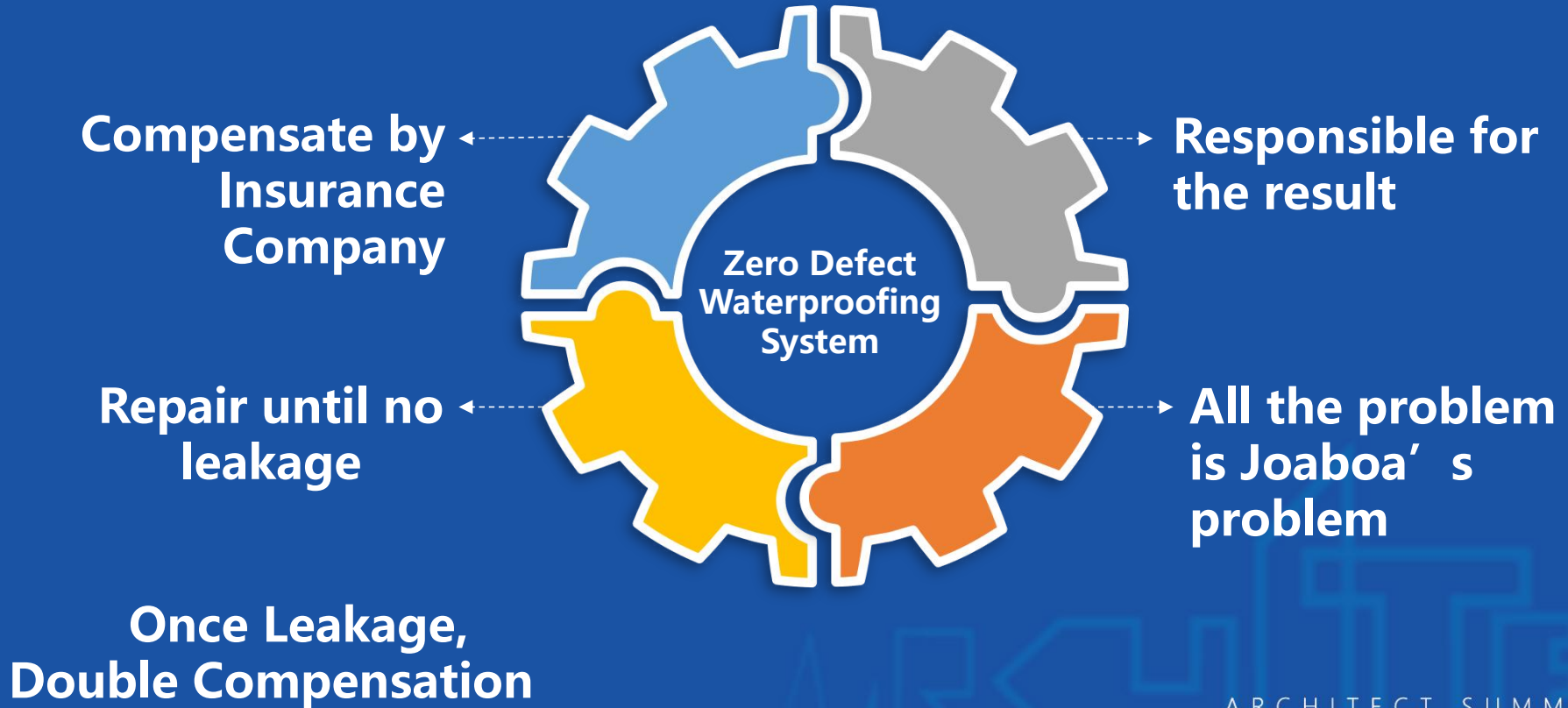
**Results and Landmark Projects**

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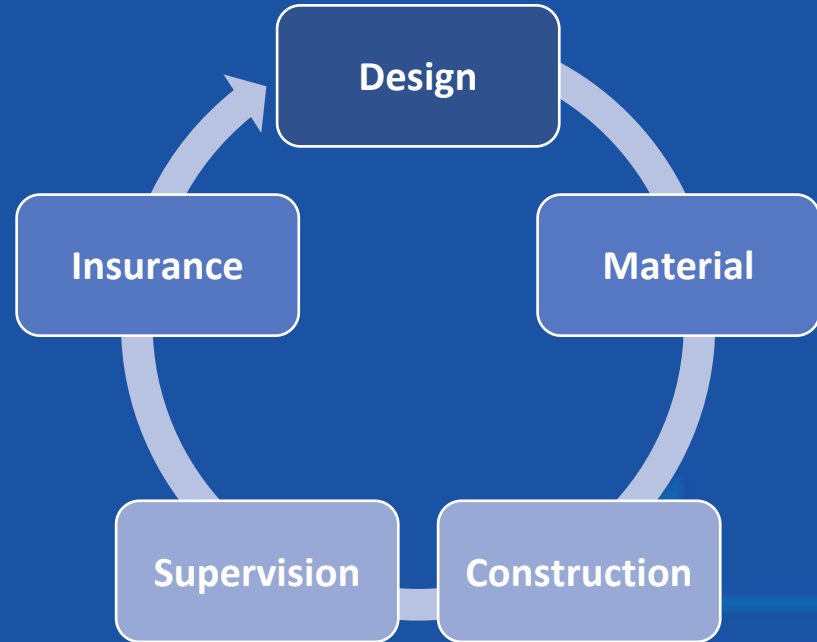
# 1 | What is Zero Defect Waterproofing System

# 1 What is Zero Defect Waterproofing System?



# 1 What is Zero Defect Waterproofing System?

Announced in 2014



# 1 What is Zero Defect Waterproofing System?

$$5 + 10 = 15 \text{ Years}$$

Project  
Insurance

Quality  
Warranty



深圳市卓宝科技股份有限公司  
建筑工程质量保证保险

保险协议书



太平洋财产保险深圳分公司制



## 2 | How to Do?

## 2 How to Do?

### **Design—“Skin” Type Waterproofing Concept**

- **No Screed Coat Layer;**
- **Bond with Structure Directly;**
- **No Water Migration**



## 2 How to Do? Material



BAC Root Resistant Self-adhesive Waterproofing Membrane

S-CLF Super Tensile Strength Cross Laminated Film

BAC-P Double Side Self-adhesive Waterproofing Membrane

BAC Self-adhesive Waterproofing Membrane

**TUBIDING Rubber Bitumen  
Waterproofing Coating**

**Bitumen Self-adhesive Waterproofing  
Membrane**

## 2 How to Do? Material—Coating



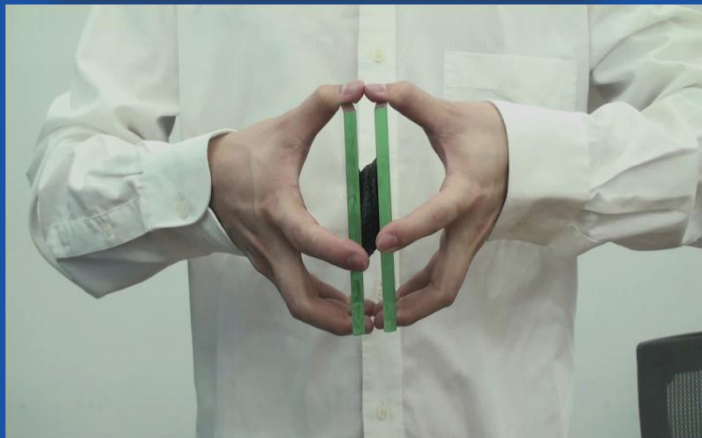
01 Always Keep Sticky

02 Never curing

03 Super Sealability, Creep Performance

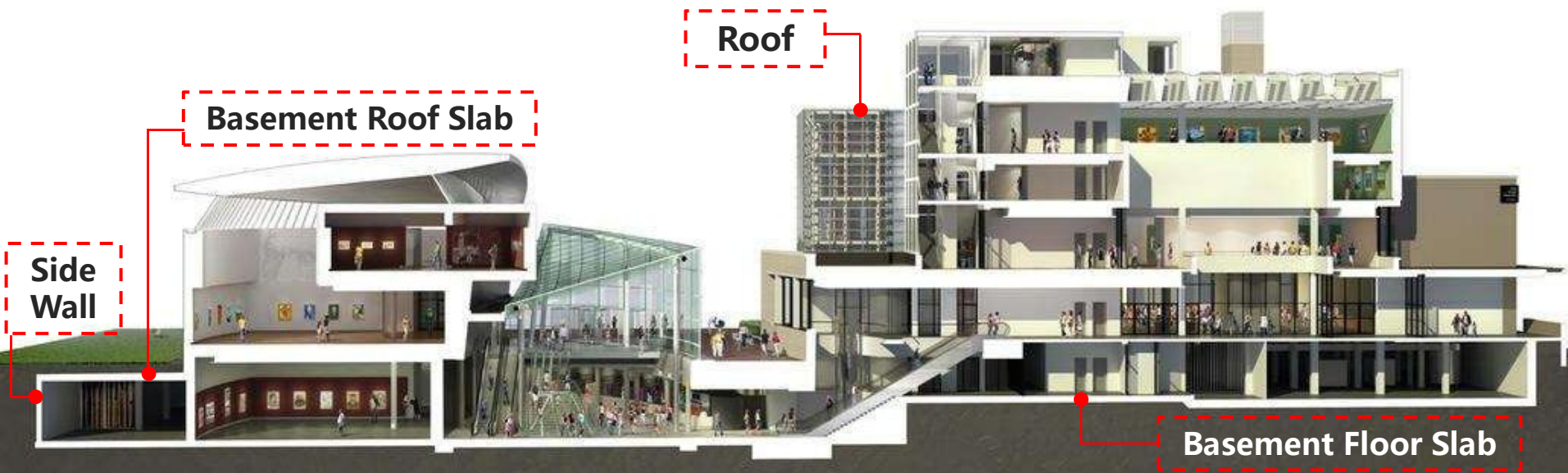
04 Excellent Aging resistance

05 Heated before application—160°C





# Application Range



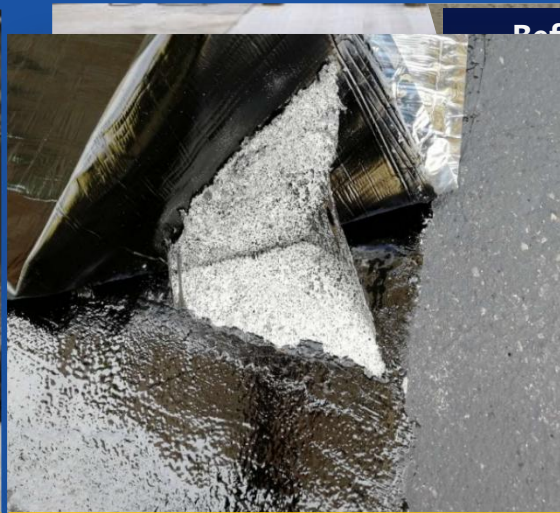
## 2 How to Do? Construction

No Laitance



施工基层处理  
SUBSTRATE TREATMENT

① Substrate Shot-blasting Treatment

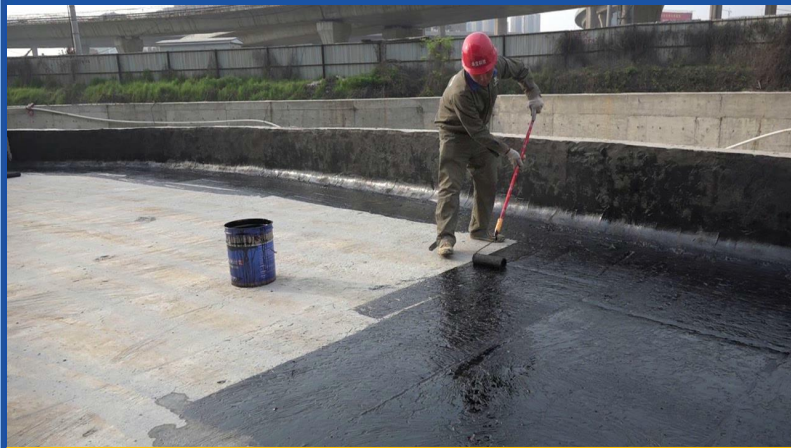


Bad



Good

## 2 How to Do? Construction



② Brush Primer Coating



③ Heat the coating



## 2 How to Do? Construction



④ Details Treatment

Up-turn



Water Pipe

## 2 How to Do? Construction



⑤ Positioning and lining—Lining

Make the coating and the membrane in a correct line, thus insure the material utilization amount to avoid jerry-build.



Avoid Edge Warping, the membrane curling

## 2 How to Do? Construction



⑥ Roll-back



⑦ Brush Coating and Pave membrane



## 2 How to Do? Construction



**Full Dose (Sufficient)**



**Jerry-build**

## 2 How to Do? Construction

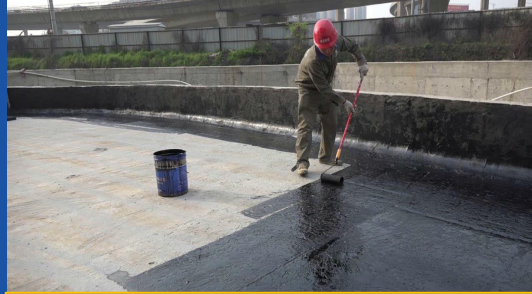


⑨Fix & Seal Edge

## 2 How to Do? Construction



① Substrate Shot-blasting Treatment



② Brush Primer Coating



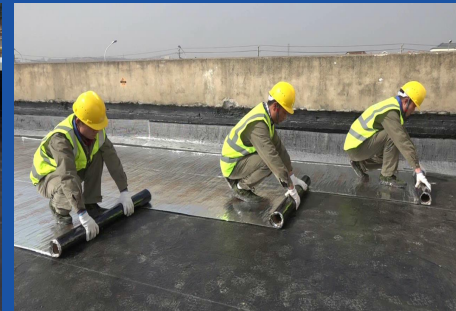
③ Heat the coating



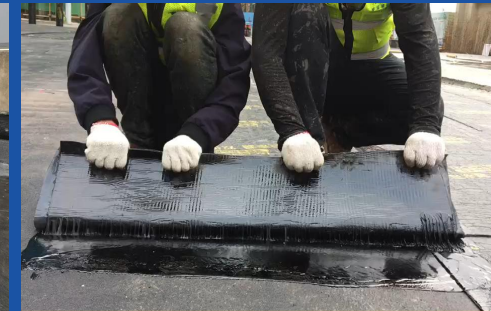
④ Details Treatment



⑤ Positioning and lining



⑥ Roll-back



⑦ Brush Coating and Pave membrane



⑧ Exhaust



⑨ Fix & Seal Edge

# Finished Effect



## 2 How to Do? Construction

### S-CLF(YC type): Material—Membrane for Floor Slab (Pre-applied)

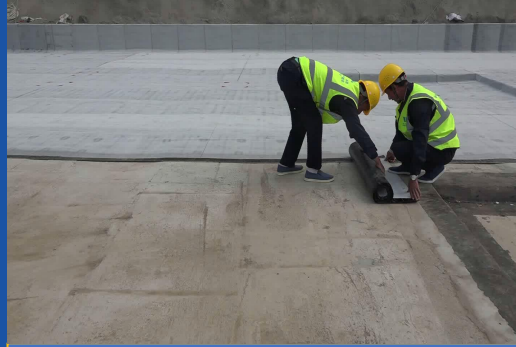
- ①import Super strong cross laminated film
- ②self-adhesive rubber bitumen material
- ③fine sand
- ④isolated film



# Construction—Basement Floor Slab



① Clean Surface



② Pave Membrane



③ Remove Overlap Isolated Tape



④ Compact by Roller



⑤ Short Side Overlap



⑥ Finish

# Finished Effect



## 2 How to Do?—Supervision

### Remote Monitor Center







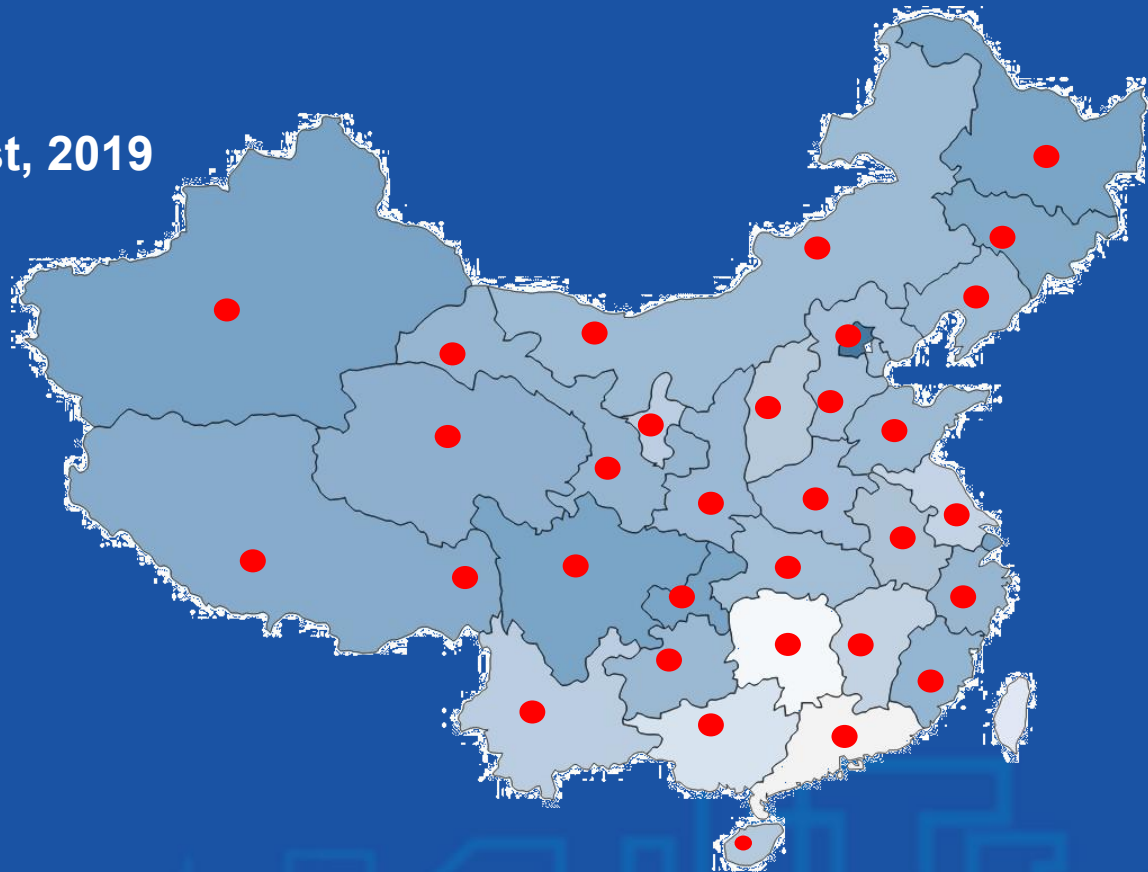
# 3 | Results and Landmark Projects

# 3 Results

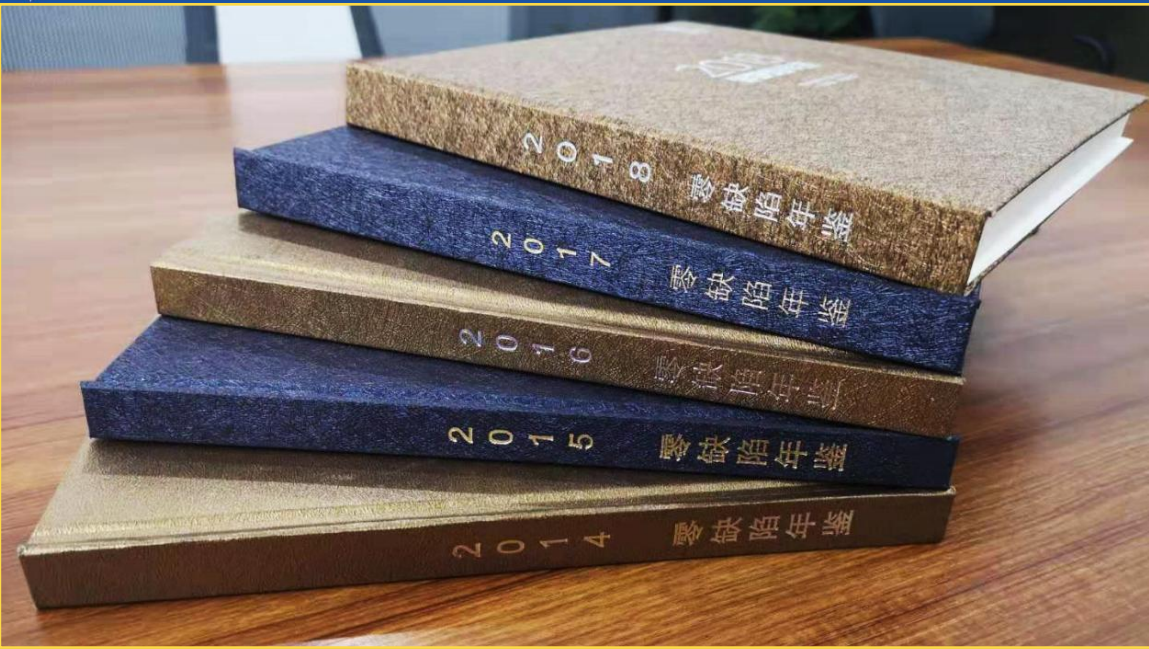
From 2014 to December 31st, 2019

- 1406 Projects
- 15.6 Million Square Meters
- 177 Cities
- 878 Insurance Policies

- **0** Compensation



### 3 Results—Year-book



# Landmark Projects

The First Affiliated Hospital of  
Zhengzhou University



Roof Swimming Pool of  
Sanya Conifer Resort





新疆分公司  
Xinjiang

黑龙江分公司  
Heilongjiang

吉林分公司  
Jilin

辽宁分公司  
Liaoning

北京分公司  
Beijing

天津分公司  
Tianjin

湖北分公司  
Hubei

山西分公司  
Shanxi

山东分公司  
Shandong

青岛分公司  
Qiangdao

河南分公司  
He'nan

江苏分公司  
Jiangsu

安徽分公司  
Anwei

上海分公司  
Shanghai

重庆分公司  
Chongqing

武汉分公司  
Wuhan

浙江分公司  
Zhejiang

贵州分公司  
Guizhou

湖南分公司  
Hunan

福建分公司  
Fujian

云南分公司  
Yunnan

广西分公司  
Guangxi

深圳分公司  
Shenzhen

海南分公司  
Hainan

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**THANKS**