A successful PFI & PPP Model of Smart Street Light Implementation 從PFI+PPP+智慧路燈的成功經驗 邁向智慧城市

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The World's
Larges Single City
LED Street Light
Replacement
Case
(PFI Model)

New Taipei City, Taiwan

An Integrated Lighting Solution Provider





An Integrated Lighting Solution Provider

Project Location: Jordan Country

Project Scale: 220,000 LED Street Light

Function: Smart Lighting Control

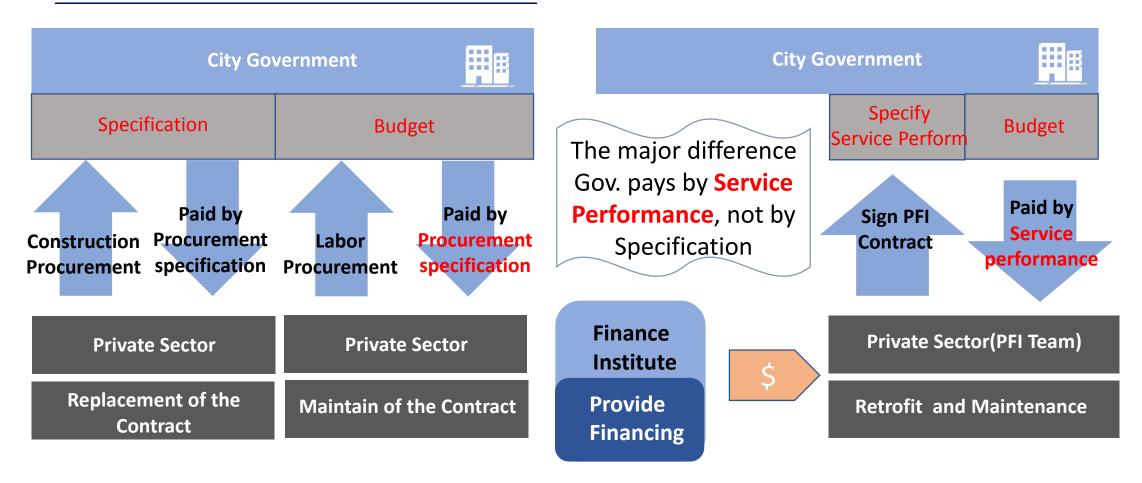
Financial Model: PPP

Annual Savings > US\$17M / Energy Saving up to 70% 306,642 Trees 306,642 Metric tons 501,047,524 kWh 91,691,696 USD Annual Carbon dioxide equivalent Annual Planted equivalent Annual Electricity savings Annual electricity cost reduction

Traditional Procurement VS PFI Project Model

Gov. Traditional Procurement Model

PFI Model: Gov. Buy Public Service





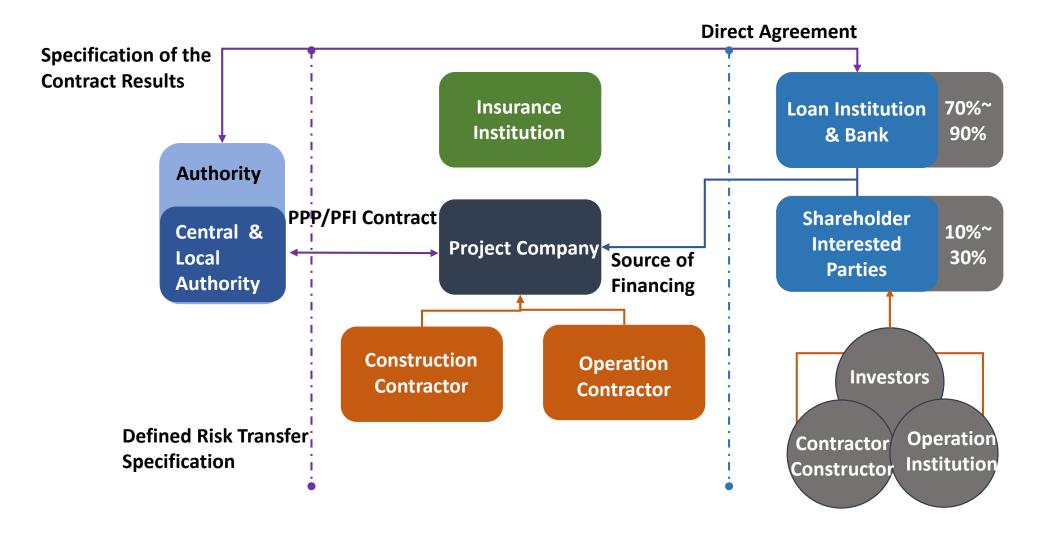


Traditional Procurement VS PFI Project Model

Traditional Procurement PPP / PFI Model Govt. risk exposure Over-budget risk Cost budget Over budget during construction Delay risk Expenditure Caused by Overtime **No Payment** during Contruction **Service Payment** Operating cost risk Over budget during Operation Time Operate Build



PPP/PFI Architecture







Street Light is the First Step to the Smart City





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The First
Step to
Smart City

LEOTEK
Smart Pole

Project Location:

Jiankang Rd, Taipei, Taiwan

Project Scale:

8 LEOTEK Smart Poles

Model: TG Series, 2nd Smart Pole

Taipei City, Taiwan

An Integrated Lighting Solution Provider





Taoyuan City, Taiwan



An Integrated Lighting Solution Provider

Project Location: Taoyuan City, Taiwan
Project Scale: 9,818 LED Street Light

Model: TG Series

Function: Smart Lighting Control



Yancheng City, China (PPP Model)



An Integrated Lighting Solution Provider

Project Location: Yancheng City, China Project Scale: 14,000 LED Street Light

Function: Smart Lighting Control > Flood Monitoring & Warning > WiFi > Litter

Monitoring • Theft Detection • Pothole Inspection

Benefit of LEOTEK Smart Solution

Secure **End-to-End Across** your System









LITE-ON: A World-Class Excellence Company





LEOTEK: Lighting Our Cities Since 1992

1992



• LEOTEK was born! Start from USA.



2005

Become the World's TOP 3 supplier of TSL



In 2012, 75% of the residential street lights replaced to LED luminaire (40% provided by LEOTEK) 2009

LEOTEK LED Luminaire Selected by City of Los Angeles.

2017

Over 1.7 million LED street lights Installed throughout the world.

Global number 1 LED street lighting solution provider.



1995

Focus on LED traffic signal lights



2007

Group in 2007

Receive pilot project of LED street light in Toronto, Ontario Private company success in **USA**, acquired by LITEON

2014 **LEOTEK**°

LEOTEK merge into LITEON on June, 2014 as one of the business units.





