

GS E&C, SGD 460Mil. Overseas Projects LOA Received Singapore DTL3 C925 & C937 Projects

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1.Project Overview

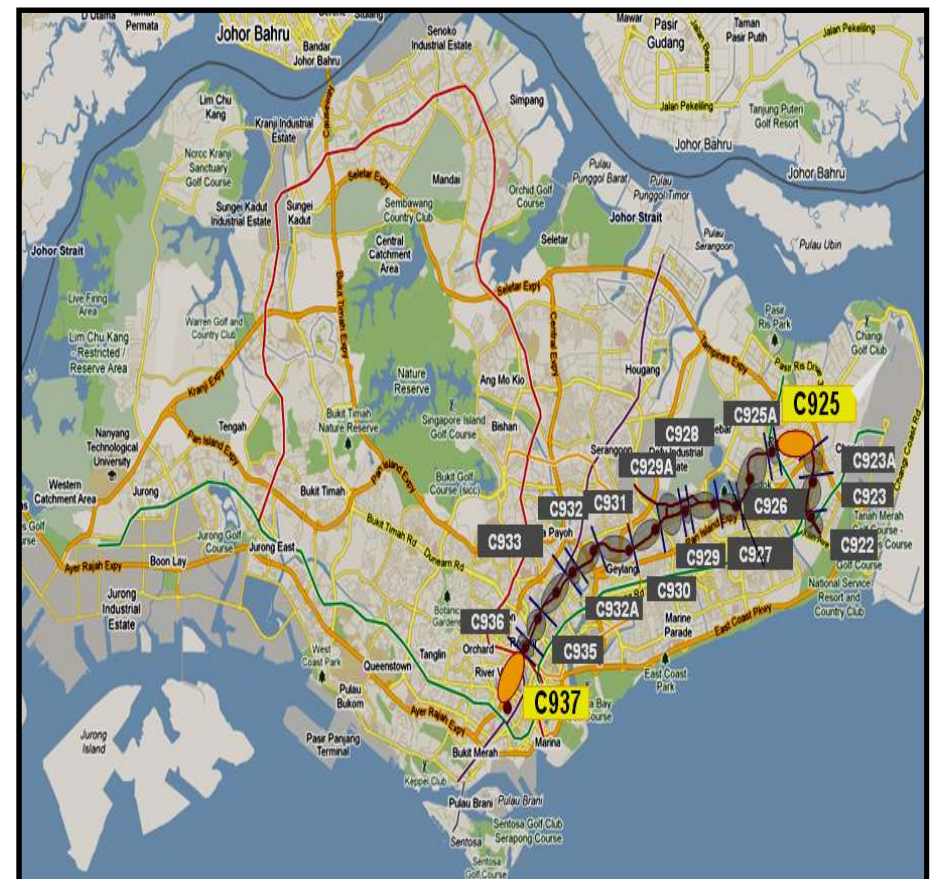
GS E&C received letter of agreement SGD 460 billion C925 & C937 subway projects by Singapore Land Transport Authority(LTA). These projects are located in Tampines Ave. 7 of C925 and in Bencoolen St.~Upper Cross St. of C937.

Overview

위 치	Singapore, Business Park Area
발 주 처	Land Transport Authority (LTA)
재 원	Government Finance
공사 규모	<ul style="list-style-type: none"> ▪ C925 - Length subway : 1.36 Km - *TBM Tunnel : 1.6 Km - C&C Tunnel : 387 m ▪ C937 - Length subway : 1.67 Km - C&C Tunnel : 106 m - River Crossing Tunnel : 154m
계약 방식	Lump Sum
공사 기간	<ul style="list-style-type: none"> ▪C925 : '11. 7 ~'16. 12 (65 Months) ▪C937 : '11. 7 ~'16. 12 (65 Months)
공사 금액	SGD 460 Million (KRW 402 Billion)

*TBM: Tunnel Boring Machine

Location



2.Risk Analysis and Experience

GS E&C will hedge expected risks, and will successfully execute this project with the experience of Depot C911 and C913 projects in Singapore.

Capability	<ul style="list-style-type: none"> • Previous experience on the executed subway C911 and C913 projects
Payment	<ul style="list-style-type: none"> • No risk due to government finance • Advanced payment(5%) and progress payment
Raw Material & F/X Risk	<ul style="list-style-type: none"> • Contingency cost for raw-material fluctuation • Forward deal contracts for hedging F/X risk
Others	<ul style="list-style-type: none"> • Preparing for contingency cost

싱가포르 국가 개황



Project Experience		
Project	Contract Type	Period
Singapore, C913	Design & Build	2009 ~ 2015
Singapore, C911	Design & Build	2009 ~ 2015
Vietnam, Hanoi Haiphong	Build	2009 ~ 2011

Location	Southeast Asia
Population	4.84 Million
Capital	Singapore
Language	English, Chinese, Malay, Tamil (Local)
Religion	Budism, Taoism(53.3%)
Area	685.4km ²
GDP	USD 43,117 (2010)

3.Prospect

- These projects are KRW 402 billion construction which is sponsored by Singapore LTA (Land Transport Authority). These projects are located in Tampines Ave. 7 and Bencoolen St.~Upper Cross St.
- These projects will be no risk for the payments and the whole process over 75months. These projects will contribute to increase annual revenue by 74.5 billion won.

- GS E&C will expand its overseas business area to civil engineering in Singapore. GS E&C awarded Depot C911 and C913 last year, and has synergy effect from two projects in terms of cost-saving and localization. Consequently, GS E&C will grow further in Singapore through base of close relationship with the government and Joint Operation companies. And these experiences will help GS E&C further secure extensive volume of business in Singapore.



<Singapore, C-913 Project, Entrance Perspective >

Overseas Projects

	Description	Project	Client	Project Type	Contract Amount Unit: USD	Project Period
2011	Kuwait	LPG Tank	Kuwait National Petroleum Co.	LPG	KD 154 mil	2011 – 2013
Under construction	Saudi Arabia	IPC EVA	International Polymers Company	EVA	385 mil	2011 – 2013
	Australia	Collie Urea	Perdaman Chemicals and Fertilizers	Urea	2.88 bn	2010 – 2015
	Bahrain	Waste Water Treatment	Bahrain Petroleum Company	Water Treatment	70 mil	2010 – 2012
	UAE	Inter Refinery Pipeline	Takreer	Pipeline	623 mil	2010 – 2014
	Oman	Barka 3 & Sohar 2	ASPC/ABPC*	Power Plant	630 mil	2010 – 2013
	Thailand	IRPC Propylene	IRPC Public Co, Ltd.	Propylene	80 mil	2010 – 2012
	Canada	Oil sand	Harvest Energy	Oil sand	CAD 310 mil	2010 – 2012
	UAE	Ruwais Refinery Pkg7	Takreer	Civil	524 mil	2009 – 2014
	UAE	Ruwais Refinery Pkg2	Takreer	RFCC	3.11 bn	2009 – 2014
	Oman	SNDC	Petroleum Development Oman	Gas	220 mil	2009 – 2013
	UAE	Ruwais 4 th NGL Train	GASCO	Gas	1.2 bn	2009 – 2013
	Singapore	C913	LTA	Civil	310 mil	2009 – 2015
	Singapore	Depot C911	LTA	Civil	144 mil	2009 – 2015
	Vietnam	Hanoi~Haiphong	VIDIFI	Civil	175 mil	2008 – 2011
	Saudi Arabia	Manifa	Aramco	Gas	501 mil	2008 – 2011
	Egypt	ERC Hydrocracker	ERC	Hydrocracker	2.17 bn	2007 – 2014

*ASPC : Al Suwadi Power Company SAOC / ABPC : Al Batinah Power Company SAOC