


Labour Department (Headquarters)
勞工處 (總處)

Your reference 來函編號 :

Our reference 本處檔案編號 : (7) in LD OD/1-55/70

Tel. number 電話號碼 : 2852 4070

Fax number 傳真號碼 : 2544 3271

16 May 2017

Miss Betty MA
 Clerk to the Panel on Manpower
 Legislative Council
 Legislative Council Complex
 1 Legislative Council Road
 Central, Hong Kong

Dear Miss MA,

**Occupational Safety Condition of Construction of
 Hong Kong-Zhuhai-Macao Bridge**

With regard to the follow-up enquiries from Dr Hon KWOK Ka-ki on 4 May 2017, a consolidated reply of the Labour Department (“LD”), Highways Department (“HyD”) and Development Bureau (“DevB”) is set out as follows.

Up to the first quarter of 2017 since the commencement of the Hong Kong-Zhuhai-Macao Bridge (“HZMB”) works projects in 2011, LD initiated/took out 329 prosecutions. Relevant information is provided in LD’s written reply to the Manpower Panel on 9 May 2017.

In response to the other enquiries made by Dr Hon KWOK, HyD advised that regarding the construction site at which the accident of 29 March 2017 happened, the contractor concerned had deployed three emergency vessels and 22 first aiders to provide timely and appropriate support. The contractor is required to provide emergency equipment in the emergency vessels pursuant to the Code of Practice for Safety and Health at Work (Land-based Construction over Water – Prevention of Fall), including first aid boxes, stretchers, portable resuscitation equipment and life buoy, etc. The contractor has committed to mobilize the emergency vessels to the accident scene within 15 minutes after starting up the emergency response procedures to handle the emergency situation. As regards the accident of 29 March, the emergency vessel arrived at the accident scene within 10 minutes after starting up the emergency response procedures, and the injured worker was rescued from the water

and transported to an ambulance by the emergency vessel and subsequently transported to the hospital by the ambulance. Besides, the contractor has implemented a range of safety measures for working over and near water, such as provision of guard-rails on board vessels and at edge of shore to prevent workers from falling into the sea. The workers are required to wear life jackets if there is a risk of being drown when working over and near water. Based on the information available to HyD, all the three workers who fell into water wore life jackets.

HyD also advised that since 2011, the total number of workers involved in HZMB project has been rising. In March 2017, there were around 7,000 workers engaged on site. The contractors and sub-contractors have been required to employ sufficient number of safety personnel to ensure work safety. The number of safety personnel employed by the contractors and sub-contractors involved in HZMB project in March 2017 are summarized in the following table:

Project	Number of safety officers	Number of safety supervisors
Hong Kong Boundary Crossing Facilities	22	161
Hong Kong Link Road	13	81
Tuen Mun – Chek Lap Kok Link	15	68
Total	50	310

According to DevB, information on the infrastructure works contracts (contract sums exceeding \$30 million) undertaken by China State Construction Engineering (Hong Kong) Limited and China Harbour Engineering Company Limited respectively in the past five years, along with the information on the accidents happened under these works contracts, are tabulated at Annex 1 and Annex 2 (English version only).

Yours sincerely,



(WU Wai-hung)

for Commissioner for Labour

China State Construction Engineering (Hong Kong) Limited (2012-2016)

Department	Contract No.	Contract Title	Contractor Name	Contract Sum (HK\$ M)	No. of Accident					Total No. of Accident	Cause of Accident														
					2012	2013	2014	2015	2016		Slip, Trip or Fall On Same Level	Striking Against Fixed or Stationary Object	Injured Whilst Lifting	Trapped In or Between Objects	Striking Against Moving Object	Hand Tool Accident	Fall of Person From Height	Dust/ Foreign Particle In Eye	Trapped By Collapsing or Overturning Object	Contact With Moving Machinery or Object	Stepping On Object	Exposure To Fire/ Burning	Others/ Suspicious cases		
ArchSD	SSA501	Design and Construction of Centre of Excellence in Paediatrics	China State Construction Engineering (Hong Kong) Limited/ Shui On Construction Company Limited	9,090.00	0	0	6	4	17	27	11	2	4	1	3	1	2	1	1					1	
ArchSD	SSA503	Design and Construction of Fire Services Training School cum Driving Training School at Pak Shing Kok, Area 78, Tseung Kwan O	China State Construction Engineering (Hong Kong) Limited	2,818.00	0	1	10	14	0	25	5	2	2		1		12		1	1				1	
ArchSD	SS1321	Design and Construction of Departmental Quarters for Customs and Excise Department at Tsing Chau Street and Lee Kung Street, Hung Hom	China State Construction Engineering (Hong Kong) Limited	236.00	2	0	0	0	0	2	1													1	
ArchSD	SSW325	Construction of a Joint-user Complex at Bailey Street, To Kwa Wan Reclamation	China State Construction Engineering (Hong Kong) Limited	393.90	1	1	0	0	0	2					2										
CEDD	CV/2006/01	Ping Ha Road Improvement Works (Ha Tsuen Section)	China State Construction Engineering (Hong Kong) Limited	172.52	0	0	0	0	0	0															
CEDD	CV/2007/03	Development at Anderson Road - Site Formation and Associated Infrastructure Works	China State Construction Engineering (Hong Kong) Limited	2,063.00	3	4	5	4	0	16	1	1	6		3		3		1					1	
CEDD	CV/2008/03	Ping Ha Road Improvement Works (Ha Tsuen Section) - Remaining Section	China State Construction Engineering (Hong Kong) Limited	99.93	0	0	0	0	0	0															
CEDD	CV/2009/02	Handling of Surplus Public Fill	China Harbour Engineering Co. Ltd./China State Construction Engineering (Hong Kong) Ltd	3,838.00	0	0	0	0	0	0															
CEDD	HK/2012/08	Wan Chai Development Phase II - Central - Wan Chai Bypass at Wan Chai West	China State Construction Engineering (Hong Kong) Limited / Leader Civil Engineering Corporation Limited	3,349.89	0	0	2	2	6	10	3		2	1	1		3								
CEDD	HK12/02	Central Reclamation Phase III - Engineering Works	Leighton Contractors (Asia) Limited/China State Construction Engineering (HK) Ltd./Van Oord AC2 Marine	3,790.61	1	0	0	0	0	1														1	
CEDD	NE/2015/01	Tseung Kwan O - Lam Tin Tunnel Main Tunnel and Associated Works	Leighton Contractors (Asia) Limited / China State Construction Engineering (Hong Kong) Limited	8,731.07	0	0	0	0	0	0															
DSD	DC/2008/03	Design, Build and Operate Pillar Point Sewage Treatment Works	ATAL Engineering Limited / Degremont SA / China State Construction Engineering (Hong Kong) Limited	2,673.71	0	0	1	0	0	1			1												
DSD	DC/2009/05	Harbour Area Treatment Scheme Stage 2A - Construction of Interconnection Tunnel and Diaphragm Wall for Main Pumping Station at Stonecutters Island Sewage Treatment	China State Construction Engineering (Hong Kong) Limited / Shanghai Tunnel Engineering Company, Limited	533.81	0	0	0	0	0	0															
DSD	DC/2009/08	Construction of Yuen Long South Branch Sewers and Expansion of Ha Tsuen Sewage Pumping Station	China State Construction Engineering (Hong Kong) Limited	382.72	2	1	0	0	0	3	1		1				1								
DSD	DC/2009/17	Harbour Area Treatment Scheme Stage 2A - Upgrading Works at Stonecutters Island Sewage Treatment Works - Sludge Dewatering Facilities	China State Construction Engineering (Hong Kong) Limited/ATAL Engineering Limited	1,358.45	0	0	1	0	0	1	1														
HyD	12/HY/2005	Highways Department Term Contract (Management & Maintenance of Roads in Sha Tin, Sai Kung & Islands Districts excluding High Speed Roads 2006-2012)	China State Construction Engineering (Hong Kong) Limited	600.00	1	0	0	0	0	1	1														
HyD	HY/2007/10	Reconstruction and Improvement of Tuen Mun Road - Tai Lam Section	China State Construction Engineering (Hong Kong) Limited	1,328.00	0	0	0	0	0	0															
HyD	HY/2008/09	Widening of Tolo Highway/Fanling Highway between Island House Interchange & Fanling (Stage 1 - between Island House Interchange and Ma Wo)	China State Construction Engineering (Hong Kong) Limited	1,850.30	4	0	0	1	0	5			2		1	1								1	
HyD	HY/2009/09	Noise Barriers on Fanling Highway between Po Shek Wu Road & MTR Fanling Station	China State Construction Engineering (Hong Kong) Limited	343.32	1	0	0	0	0	1			1												
HyD	HY/2009/15	Central - Wan Chai Bypass - Tunnel (Causeway Bay Typhoon Shelter Section)	China State Construction Engineering (Hong Kong) Limited	5,376.85	2	7	7	1	1	18	5	3	3		5	1					1				
HyD	HY/2010/08	Central-Wan Chai Bypass - Tunnel (Slip Road 8 Section)	China State Construction Engineering (Hong Kong) Limited	4,791.97	0	0	1	1	2	4					3		1								
HyD	HY/2011/03	Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road - Section between Scenic Hill and Hong Kong Boundary Crossing Facilities	China State Construction Engineering (Hong Kong) Limited	8,874.78	0	4	11	11	10	36	3	3	3	7	3	1	4		1					11	
HyD	HY/2012/06	Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange	China State Construction Engineering (Hong Kong) Limited	2,510.00	0	0	0	1	0	1									1						
HyD	HY/2013/04	Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities - Infrastructure Works Stage II (Southern Portion)	China State Construction Engineering (Hong Kong) Limited	2,259.58	0	0	0	0	0	0															
HyD	HY/2014/16	Hiram's Highway Improvement Stage 1 - between Clear Water Bay Road and Marina Cove	China State Construction Engineering (Hong Kong) Limited	1,263.99	0	0	0	0	0	0															
WSD	10/WSD/08	Replacement and Rehabilitation of Water Mains, Stage 3 - Mains in Central and Western District	China State Construction Engineering (Hong Kong) Limited	473.86	1	0	1	0	0	2					1				1						
WSD	15/WSD/10	Expansion of Tai Po Water Treatment Works and Ancillary Raw Water and Fresh Water Transfer Facilities - Design and Build of New Stream II	China State Construction Engineering (Hong Kong) Limited/ ATAL Engineering Limited	3,252.14	0	1	2	3	2	8	2		1		2	1	1							1	
WSD	3/WSD/08	Replacement and Rehabilitation of Water Mains, Stage 3 Mains in West Kowloon (Package A)	China State Construction Engineering (Hong Kong) Limited	660.00	0	0	1	1	0	2			1										1		
Total:					18	19	48	43	38	166	34	11	26	10	25	5	27	1	2	4	2	1	18		

China Harbour Engineering Company Limited (2012-2016)

Department	Contract	Contract Title	Contractor Name	Contract Sum (HK\$ M)	No. of Accident					Total No. of Accident	Cause of Accident																
					2012	2013	2014	2015	2016		Slip, Trip or Fall On Same Level	Striking Against Fixed or Stationary Object	Injured Whilst Lifting	Trapped In or between Objects	Striking Against Moving Object	Hand Tool Accident	Fall of Person From Height	Dust/ Foreign Particle In Eye	Trapped By Collapsing or Overturning Object	Contact With Moving Machinery or Object	Stepping On Object	Exposure To Fire/ Burning	Struck By Moving Vehicle/ Traffic Accident	Drowning	Contact With Harmful Substance	Others/ Suspicious cases	
ArchSD	SSY304	Construction of Joint-user Complex in Area 44, Fanling, New Territories	China Harbour Engineering Company Limited	145.80	0	0	0	0	0	0																	
CEDD	CV/2008/06	Management of Sediment Disposal Facility at Sha Chau	China Harbour Engineering Company Limited/ China Road and Bridge	239.00	0	0	0	0	0	0																	
CEDD	CV/2009/02	Handling of Surplus Public Fill	China Harbour Engineering Company Limited/ China State Construction	3,838.00	0	0	0	0	0	0																	
CEDD	CV/2010/03	CEDD Maintenance Contract for Seawalls & Navigation Channels (2010 - 2013)	China Harbour Engineering Company Limited	112.23	0	0	0	0	0	0																	
CEDD	CV/2013/09	Temporary Construction Waste Sorting Facilities, 2014 - 2016	China Harbour Engineering Company Limited	146.89	0	0	1	1	0	2							1			1							
CEDD	IS/2013/02	Improvement Works at Mui Wo, Phase 1	China Harbour Engineering Company Limited	152.80	0	0	0	1	2	3			1											1			
DSD	DC/2009/09	Construction of Tai Po Sewage Treatment Works Stage 5 Phase 2b	China Harbour Engineering Company Limited	292.50	0	1	0	0	0	1							1										
DSD	DC/2012/11	Drainage Maintenance and Construction in Hong Kong Island and Islands Districts (2013-2017)	China Harbour Engineering Company Limited	195.97	0	0	0	0	0	0																	
DSD	DC/2013/10	Design, Build and Operate San Wai Sewage Treatment Works - Phase 1	AT&T Engineering Ltd/Digremont/China Harbour Engineering Company Limited	3,142.26	0	0	0	0	0	0																	
HyD	19/HY/2004	Highways Department Term Contract (New Territories West 2005-2009)	China Harbour Engineering Company Limited	500.00	0	0	0	0	0	0																	
HyD	HY/2008/11	Reconstruction and Improvement of Tuen Mun Road - Sam Shing Hui Section	China Harbour Engineering Company Limited	1,366.00	6	1	8	1	0	16		1	2	2											1		2
HyD	HY/2009/03	Design and Build of Traffic Improvements to Tuen Mun Road Town Centre Section	China Harbour Engineering Company Limited	1,548.03	1	3	0	0	0	4		2															
HyD	HY/2010/02	Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities - Reclamation Works	China Harbour Engineering Company Limited	6,989.00	18	12	5	1	3	39		4	1	4		4	3			15				2	1		
HyD	HY/2010/10	Retrofitting of Noise Barriers on Tai Po Tai Wo Road near Po Nga Court	China Harbour Engineering Company Limited	72.85	0	0	0	0	0	0																	
HyD	HY/2011/09	Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road - Section between HK SAR Boundary and Scenic Hill	Dragages Hong Kong Ltd. / China Harbour Engineering Co. Ltd. / VSL Hong Kong Ltd.	12,866.89	0	18	42	35	33	128		8	2	4		6	3			4				2			
HyD	HY/2013/02	Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities - Infrastructure Works Stage 1 (Western Portion)	China Harbour Engineering Company Limited	2,371.90	0	0	0	0	1	1								1									
HyD	HY/2013/03	Hong Kong-Zhuhai-Macao Bridge Hong Kong Boundary Crossing Facilities - Vehicle Clearance Plazas and Ancillary Buildings and Facilities	China Harbour Engineering Company Limited	7,657.24	0	0	0	0	4	4		1							1								
HyD	HY/2013/11	Provision of Barrier-free Access Facilities for Highways Structures - Phase 3 Contract 2	China Harbour Engineering Company Limited	329.60	0	0	0	0	1	1																	
WSD	14/WSD/05	Replacement and Rehabilitation of Water Mains, Stage 1 Phase 2 Mains in Kowloon City, Wong Tai Sin and Kwun Tong	Excel Engineering Co. Ltd./ China Harbour Engineering Company	203.00	0	0	0	0	0	0																	
WSD	16/WSD/09	Salt water Supply for Northwest NT - Mainlaying in Yuen Long	China Geo-Engineering Corporation/ China Harbour Engineering Company	131.79	0	1	0	0	0	1									1								
Total:					25	36	56	39	44	200	16	5	13	14	13	1	24	0	0	5	1	0	2	2	1	103	