

Enclosure to PWSC(98-99)35**711TH - Route 9 between Tsing Yi and Cheung Sha Wan****Breakdown of estimates for consultants' fees and site investigation costs (at December 1997 prices)**

Consultants' staff costs		Estimated man-months	Average MPS* salary point	Multiplier factor	Estimated fee (\$ million)
(a)	Review (including Professional	140	40	3.0	24.9
	review of EIA & Technical TIA findings)	140	16	3.0	8.3
(b)	Detailed design	Professional	40	3.0	97.7
		Technical	1070	16	63.7
(c)	Preparation of tender documents	Professional	40	3.0	24.9
		Technical	160	16	9.5
(d)	Supervision of site investigations/wind tunnel tests	Professional	40	2.1	5.6
		Technical	81	16	3.4
(e)	Charges by EMSTF				20.0
Total consultants' staff costs					258.0
Out-of-pocket expenses					
(a)	Site investigations				80.0
(b)	Wind tunnel tests				10.0
Total out-of-pocket expenses					90.0

* MPS = Master Pay Scale

Notes

1. A multiplier factor of 3 is applied to the average Master Pay Scale (MPS) point to arrive at the full staff costs including the consultants' overheads and profit, as the staff will be employed in the consultants' offices. (As at 1.4.97, MPS pt. 40 = \$59,210 p.m., and MPS pt. 16 = \$19,860 p.m.) A multiplier factor of 2.1 is applied in the case of site staff supplied by the consultants.
2. Out-of-pocket expenses are the actual costs incurred. The consultants are not entitled to any additional payment for overheads or profits in respect of these items.
3. The figures given above are based on estimates prepared by the Director of Highways. We will only know the actual man months and fees when we have selected the consultant through the usual competitive fee bidding system.
4. Since the establishment of the EMSTF on 1 August 1996 under the Trading Fund Ordinance, government departments are charged for design and technical consultancy services for electrical and mechanical (E&M) installations provided by Electrical and Mechanical Services Department (EMSD). The services rendered for this project include checking consultants' submissions on all E&M installations and providing technical advice to Government on all E&M works and their impacts on the project.