

TABLE 13E

HYDROGRAPHIC SURVEY FOR TERRITORIAL WATERS

		<i>RM</i>
1.	Basic charge	1,300.00
2.	Charge for mobilisation & demobilisation of one field party –	
	below 50 km	1,000.00
	50 km up to 150 km	1,300.00
	above 150 km to 300 km	2,600.00
	above 300 km	3,900.00
3.	Planimetric control survey -	
	Flat to undulating below 15 degree of slope	4.50 per metre
	Hilly above 15 degree of slope	5.25 per metre
	Fresh water swamp	9.00 per metre
	Tidal swamp	12.00 per metre
4.	Height control survey	RM 1,300.00 per kilometre
5.	Shoreline profiling	
	Cost per kilometer -	

Classification of Terrain and Ground Condition	Base Line & Height control RM	Topographical (Onshore) Profiling at interval of		
		25 metres	50 metres	100 metres and above
		RM	RM	RM
Flat and Undulating area	4,680.00	3,900.00	3,510.00	3,120.00
Swampy area	6,240.00	5,460.00	5,070.00	4,680.00
Tidal area	7,020.00	6,240.00	5,850.00	5,460.00

* If area is built-up (i.e. area with man-made structure such as building, road, fence, drain, hedge, cutting, embankment and etc.), a charge of RM8, 000.00 per kilometre will be incurred in addition to the above.

6.	Bathymetric profiling -	
	Profiles at interval of	Cost per kilometer
		RM
	25 metres	560.00
	50 metres	750.00
	100 metres or more	940.00
	Subject to a minimum of RM 6,000.00 per job	

7. Side Scan Survey / Seismic Survey/ Magnetic Field Survey -

Profiles at interval of	Cost per kilometer RM
25 metres	560.00
50 metres	750.00
100 metres or more	940.00

Subject to a minimum of RM 6,000.00 per job

8. Tidal observation -

Cost per location –

(a) Automatic Water Level Recording -

Period	Installation RM	Measurement and Data Processing RM
14 days or less	5,820.00	8,100.00
30 days	5,820.00	20,200.00

(b) Direct Reading -

	RM
Installation	1,500.00
Direct Observation	33.00 per hour subject to a minimum of 1,300.00 per job

9. Current measurement -

Cost per location –

(a) Self- recording current measurement

Period	Installation RM	Measurement and Data Processing RM
14 days or less	11,310.00	31,660.00
30 days	11,310.00	63,790.00

(b) Direct Reading -

	RM
Installation	2,910.00
Direct Observation	490.00 per hour subject to a minimum of 6,300.00 per job

10.	Seawater temperature and salinity measurement	
	Cost per location -	
		RM
	Installation	2,910.00
	Direct Observation	490.00 per hour subject to a minimum of 6,300.00 per job
11.	Seabed soil/Seawater sampling	RM 410.00 per sample subject to a minimum charge of RM 2,020.00
12.	Construction or establishment of temporary bench mark –	
	(a) With concreting	RM350.00 per monument
	(b) Without concreting	RM250.00 per monument
13.	Survey of strip with detail	As per rates prescribed under Table 13B
14.	Preparation of report and submission	5% of the total survey fees chargeable a minimum fee is RM4,000.00 per job
15.	Preparation of proposed land acquisition plan –	
	(a) RM75.00 per boundary line to a minimum of RM1,300.00 per plan; and	
	(b) Disbursement, where applicable, as provided in Table 14.	
16.	In security areas -	
	(a) Where a security pass or permit is required from the relevant authority, an additional charge of twenty five percentum of the survey fee is applicable; or	
	(b) Where an armed escort is required and working hours are dictated by the relevant authority, an additional charge of fifty percentum of the survey fee is applicable; and	
	(c) Where there is a waiting time after mobilization due to circumstances beyond the control of the Licensed Surveyor, an additional charge of RM 1,200.00 per day shall be applicable up to a maximum of 7 days.	
17.	Boat/Ship Rental	as per actual cost
18.	Supply of plans	RM 10.00 per plan