

**TABLE 13C**  
**WATERWAYS, DRAINAGE AND IRRIGATION SURVEY**

		RM
1.	Basic charge	1,300.00
2.	Charge for mobilisation and 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
3.	Planimetric control survey	
	Flat to undulating below 15 degree of slope	4.50 per metre
	Hilly above 15 degree 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.	Waterways survey	
	Cost per kilometer -	

Classification of Terrain and Ground Condition	Strip Survey @ 10 metres width (includes long section & cross section @ 25 meters interval) * RM	Setting out RM	As built RM
Flat to undulating below 15 degree of slope	10,990.00	6,630.00	10,990.00
Hilly above 15 degree of slope	14,630.00	6,630.00	14,630.00
Swampy area	16,320.00	7,410.00	16,320.00

\* If area is built up (i.e. area with man-made structures such as building, road, fence, drain, hedge, cutting, embankment and etc.), a charge of RM 8,000.00 per kilometre will be incurred in addition to the above.

For every increase of 10 metres corridor width or part thereof, an additional increase of seven per cent (7%) shall be chargeable.

6. Grid Survey for drainage & irrigation

Cost per kilometre –

Classification of Terrain and Ground Condition	Grid Intervals		
	25 metres RM	50 metres RM	100 metres and above RM
Flat to undulating below 15 degree of slope	3,120.00	2,730.00	2,340.00
Hilly above 15 degree of slope	3,900.00	3,510.00	3,120.00
Swampy area	6,240.00	5,070.00	4,680.00
Tidal area	7,020.00	5,850.00	5,460.00

- \* If area is built-up (i.e. area with man-made structures such as building, road, fence, drain, hedge, cutting, embankment and etc.), a charge of RM 5,000.00 per kilometre will be incurred in addition to the above.

Where the interval is less than 25 metres, then the fees shall be increased proportionately.

7. Bridge site survey RM 8,580.00 per hectare  
or part thereof

8. Construction or establishment of temporary bench mark -

*RM*

- (a) With concreting 350.00 per monument  
 (b) Without concreting 250.00 per monument

9. Preparation of proposed land acquisition plan

- (a) RM75.00 per boundary line to a minimum of RM1,300.00 per plan; and  
 (b) Disbursements, where applicable, as provided in Table 14.

10. The above charges are applicable when the survey worksite is within 1 kilometre from the nearest motorable road. For distances beyond the first kilometre, additional charges are to be applied as follows:

0 kilometre to 1 kilometre	No additional charge
Above 1 kilometre but not more than 5 kilometres	Add 20% of 3, 4, 5, 6, 7 and 8 above
Above 5 kilometres but not more than 10 kilometres	Add 40% of 3, 4, 5, 6, 7 and 8 above
Above 10 kilometres	Add 70% of 3, 4, 5, 6, 7 and 8 above

11. In security areas -

- (a) Where a security pass or permit is required from the relevant authority, an additional charge of twenty five per cent (25%) 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 per cent (50%) 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.

12. Supply of plans

RM 10.00 per plan