

**TABLE 13F****AERIAL/LiDAR MAPPING**

	RM
1) Basic charge	3,380.00
2) Charge for mobilization and demobilization of one field party-	
below 50 km	1,690.00
50 km up to 150 km	3,380.00
above 150 km to 300 km	5,070.00
above 300 km	6,760.00
3) Control by satellite-	as per rates prescribed under Table 11
4) Planimetric control survey-	
Flat to undulating below 15 degree of slope	8.00 per metre
Hilly above 15 degree of slope	9.00 per metre
Fresh water swamp	11.00 per metre
Tidal swamp	12.00 per metre
5) Height control survey	RM 2,940.00 per kilometre
6) Aerial/ LiDAR mapping rate	

Ground Sampling Distance (GSD)	Orthophoto & processing/Hectare	Lidar & processing/Hectare
less than 5cm/pixel	RM 373.00 per Hectare	RM 549.00 per Hectare
More than 5cm/pixel and less than 10cm/pixel	RM 300.00 per Hectare	
More than 10cm/pixel	RM187.00 per Hectare	

- 6A) Vectorization as per rates prescribed under TABLE 10
- 6B) Construction or establishment of temporary bench mark
- a) With concreting RM 1,040.00 per monument
- b) Without concreting RM 780.00 per monument
- 7) Aerial Photography / LiDAR mapping Actual cost plus twenty five per cent management fee
- Reimbursement items-
- a) Cost of chartering of aircraft
- b) Cost of rental of equipment such as camera and navigation equipment
- c) Cost of photographic material such as aerial film, paper, diapositive, chemical and processing
- d) Cost of security supervision
- e) Cost of maps, plans and documents

8) Where there is a waiting time after mobilization due to circumstances beyond the control of the Licensed Surveyor, an additional charge of RM 7,500.00 per day shall be applicable.

9) 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, 6A and 6B above
Above 5 kilometres but not more than 10 kilometres	Add 40% of 3, 4, 5, 6, 6A and 6B above
Above 10 kilometres	Add 70% of 3, 4, 5, 6, 6A and 6B above

10) 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 centum (50%) of the survey fee is applicable; and

c) Where there is a waiting time after mobilisation due to circumstances beyond the control of the Licensed Surveyor, an additional charge of RM 3,380.00 per day shall be applicable up to a maximum of 7 days