



SABAH, MALAYSIA

Warta Kerajaan

Tambahan Kedua

Diterbitkan dengan kuasa

JIL. LXXI]

KOTA KINABALU, KHAMIS, 7 APRIL 2016

[No. S 4

No. S 4

[No. JKM.PHB. 100-1/2 Jld. 5/(197)

ORDINAN JURUUKUR 1960

(No. 22 Tahun 1960)

PERATURAN-PERATURAN JURUUKUR (PELAKSANAAN UKUR HAKMILIK) (PINDAAN) 2015

Pada menjalankan kuasa yang diberikan oleh seksyen 19 Ordinan Juruukur 1960 [No. 22 tahun 1960], Lembaga Juruukur, dengan kelulusan Setiausaha Kerajaan Negeri, membuat peraturan-peraturan yang berikut:

Nama dan permulaan kuat kuasa

1. (1) Peraturan-peraturan ini bolehlah dinamakan Peraturan-Peraturan Juruukur (Perlaksanaan Ukur Hakmilik) (Pindaan) 2015.

(2) Peraturan-Peraturan ini mula berkuat kuasa pada 19 November 2015.

Pindaan Peraturan 2

2. Peraturan-Peraturan Juruukur (Perlaksanaan Ukur Hakmilik) 1962 [G.N.S No. 93 tahun 1962], yang disebut "Peraturan-Peraturan ibu" dalam Peraturan-Peraturan ini, dipinda dalam peraturan 2 –

(a) dalam takrif "Doppler Satellites Equipment", dengan menggantikan perkataan "Navy navigations" dengan perkataan "Transit";

- (b) dalam takrif “Global Positioning System (GPS) Surveying Equipment” –
- (i) dengan menggantikan perkataan “Global Positioning System (GPS)” dengan perkataan “Global Navigational Satellites Systems (GNSS)”;
 - (ii) dengan menggantikan perkataan “System” dengan perkataan “Systems” selepas perkataan “from Satellites”;
- (c) dalam takrif “R.S.O.”, dengan memasukkan selepas perkataan “means” perkataan “Borneo”.

Pindaan peraturan 4

3. Peraturan 4 Peraturan-Peraturan ibu dipinda dengan menggantikan subperaturan subperaturan (3) subperaturan yang berikut:

- “(3) Every survey technician employed by a licensed surveyor shall have the following minimum qualifications:
- (a) a Diploma or Certificate in Surveying issued by any recognised Polytechnic or Institution;
 - (b) a Sijil Pelajaran Malaysia (SPM) Certificate with credit in Mathematics and a pass in the prescribed Survey Board Examination; or
 - (c) a Certificate in Land Surveying from the Lands and Surveys Training School of Sabah.”.

Peraturan 4A baru

4. Peraturan-Peraturan ibu dipinda dengan memasukkan selepas peraturan 4 peraturan yang berikut:

“Register

4A. The Board shall keep and maintain a register of survey technicians employed by licensed surveyors.”.

Pindaan peraturan 5

5. Peraturan 5 Peraturan-Peraturan ibu dipinda –

- (a) dalam nota bidai, dengan memasukkan selepas perkataan “survey data” perkataan “and written permission”;
- (b) dengan menggantikan noktah di hujung perenggan (b) koma bertitik; dan
- (c) dengan memasukkan selepas perenggan (b) perenggan yang berikut:

“(c) obtain written permission from the Director of Lands and Surveys Department prior to carrying out any survey for the establishment of control points using Global Navigational Satellites Systems (GNSS) Surveying Equipment.”.

Pindaan peraturan 12

6. Peraturan 12 Peraturan-Peraturan ibu dipinda dengan menggantikan perkataan “or approved E.D.M. equipment” dengan perkataan “, approved electronic distance measuring equipment or approved Total Station”.

Pindaan peraturan 15

7. Subperaturan 15(3) Peraturan-Peraturan ibu dipinda dengan menggantikan perkataan “fifty” dengan perkataan “seventy five”.

Pindaan peraturan 17

8. Subperaturan 17(1) Peraturan-Peraturan ibu dipinda dengan memasukkan selepas perkataan “standard tension” dengan perkataan “or Total Station”.

Pindaan peraturan 26

9. Peraturan 26 Peraturan-Peraturan ibu dipinda –

(a) dalam perenggan (b), dengan memasukkan selepas perkataan “concrete marks” perkataan “either thirty centimetres long with a diameter of six centimetres or”; dan

(b) dengan memasukkan selepas perenggan (f) perenggan yang berikut:

“(g) Any other marks as approved by the Director.”.

Pindaan peraturan 27

10. Subperaturan 27(1) Peraturan-Peraturan ibu dipinda dengan menggantikan perkataan “books supplied by the District Surveyors to whom they shall be returned on completion of the survey” dengan perkataan “notes of an approved format”.

Pindaan peraturan 28

11. Peraturan 28 Peraturan-Peraturan ibu dipinda dengan menggantikan perkataan “19....” dengan perkataan “20....”.

Pindaan peraturan 29

12. Subperaturan 29(2) Peraturan-Peraturan ibu dipinda –

(a) dengan menggantikan perkataan “or G.P.S. equipment” dengan perkataan “, Global Navigational Satellites Systems (GNSS) Surveying Equipment or Total Station”; dan

(b) dengan menggantikan perkataan “books” dengan perkataan “notes”.

(b) dengan memasukkan selepas item 1, item yang berikut:

“2. ABBREVIATIONS:

For purposes of annotation and identification on the plans, the following abbreviations shall be used:

1. Adopted	adp
2. Bearing	brg
3. Belian picket	pkt
4. Building	bldg
5. Calculated	calc
6. Country Lease	CL
7. Diagram	Diag
8. Distance	dist
9. Electric pole	EP
10. Field Register	FR
11. Forest Reserve	F. Rve
12. Found	F
13. Gazette Number	G.N
14. Gone	G
15. Government Reserve	Govt. Rve
16. High water mark	HWM
17. Hectare	ha
18. Iron pipe	IP
19. Iron spike	IS
20. Jalan	Jln.
21. Kampung	Kg.
22. Land Application/Permohonan Tanah	LA/PT
23. Low water mark	LWM
24. Metre	m
25. Native Title	NT
26. New peg	NP
27. New boundaries stone	NS
28. New post	Npost
29. New iron pipe	NIP
30. New iron spike	NIS
31. New mark on concrete	NMC
32. New mark on rock	NMR
33. New nail	Nnail
34. No mark	No Mk
35. Observed	obs
36. Old peg	OP

37. Old boundary stone	OS
38. Old post	OPost
40. Old iron pipe	OIP
41. Old iron spike	OIS
42. Old mark concrete	OMC
43. Old mark on rock	OMR
44. Old nail	ONail
45. Old stone found replaced	OSFR
46. Old peg found replaced	OPFR
47. Old iron spike found replaced	OISFR
48. Old nail found replaced	ONFR
49. Old post found replaced	OpostFR
50. Old stone gone replaced	OSGR
51. Old peg gone replaced	OPGR
52. Old iron spike gone replaced	OISGR
53. Old nail gone replaced	ONGR
54. Old post gone replaced	OpostGR
55. Provisional Lease	PL
56. Replaced	R
57. Right of way	R.O.W
58. Scaled	Sc
59. Solar observation	SO
60. State land	SL
61. State reserve	State Rve.
62. Sungai	Sg.
63. Tanjung	Tg.
64. Town Lease	TL
65. Traverse	Trav
66. Telephone pole	TP".

Dibuat 9 November 2015.

HAJI SAFAR BIN UNTONG,
Pengerusi,
Lembaga Juruukur Sabah.

Saya meluluskan Peraturan-Peraturan yang tersebut di atas.

Bertarikh 19 November 2015.

TAN SRI DATUK SERI PANGLIMA HAJI SUKARTI BIN HAJI WAKIMAN,
Setiausaha Kerajaan Negeri.

[No. JKM.PHB. 100-1/2 Jld. 5/(197)

SURVEYORS ORDINANCE 1960

(No. 22 of 1960)

SURVEYORS (CONDUCT OF TITLE SURVEYS) (AMENDMENT)
REGULATIONS 2015

In exercise of the powers conferred by section 19 of the Surveyors Ordinance 1960 [No. 22 of 1960], the Surveyors Board, with the approval of the State Secretary, makes the following regulations:

Citation and commencement

1. (1) These regulations may be cited as the Surveyors (Conduct of Title Surveys) (Amendment) Regulations 2015.

(2) These Regulations come into operation on 19 November 2015.

Amendment of regulation 2

2. The Surveyors (Conduct of Title Surveys) Regulations 1962 [*G.N.S No. 93 of 1962*], which are referred to as the “principal Regulations” in these Regulations, is amended in regulation 2 –

- (a) in the definition of “Doppler Satellites Equipment”, by substituting for the words “Navy navigations” the word “Transit”;
- (b) in the definition of “Global Positioning System (GPS) Surveying Equipment” –
 - (i) by substituting for the words “Global Positioning System (GPS)” the words “Global Navigational Satellites Systems (GNSS)”;
 - (ii) by substituting for the word “System” the word “Systems” after the words “from Satellites”; and
- (c) in the definition of “R.S.O.”, by inserting after the word “means” the word “Borneo”.

Amendment of regulation 4

3. Regulation 4 of the principal Regulations is amended by substituting for subregulation (3) the following subregulation:

- “(3) Every survey technician employed by a licensed surveyor shall have the following minimum qualifications:
- (a) a Diploma or Certificate in Surveying issued by any recognised Polytechnic or Institution;
 - (b) a Sijil Pelajaran Malaysia (SPM) Certificate with credit in Mathematics and a pass in the prescribed Survey Board Examination; or

- (c) a Certificate in Land Surveying from the Lands and Surveys Training School of Sabah.”.

New regulation 4A

4. The principal Regulations is amended by inserting after regulation 4 the following regulation:

“Register

- 4A. The Board shall keep and maintain a register of survey technicians employed by licensed surveyors.”.

Amendment of regulation 5

5. Regulation 5 of the principal Regulations is amended –

- (a) in the marginal note, by inserting after the words “survey data” the words “and written permission”;
- (b) by substituting for the full stop at the end of paragraph (b) a semicolon; and
- (c) by inserting after paragraph (b) the following paragraph:

“(c) obtain written permission from the Director of Lands and Surveys Department prior to carrying out any survey for the establishment of control points using Global Navigational Satellites Systems (GNSS) Surveying Equipment.”.

Amendment of regulation 12

6. Regulation 12 of the principal Regulations is amended by substituting for the words “or approved E.D.M. equipment” the words “, approved electronic distance measuring equipment or approved Total Station”.

Amendment of regulation 15

7. Subregulation 15(3) of the principal Regulations is amended by substituting for the word “fifty” the words “seventy five”.

Amendment of regulation 17

8. Subregulation 17(1) of the principal Regulations is amended by inserting after the words “standard tension” the words “or Total Station”.

Amendment of regulation 26

9. Regulation 26 of the principal Regulations is amended –

- (a) in paragraph (b), by inserting after the words “concrete marks” the words “either thirty centimetres long with a diameter of six centimetres or”; and

(b) by inserting after paragraph (f) the following paragraph:

“(g) Any other marks as approved by the Director.”.

Amendment of regulation 27

10. Subregulation 27(1) of the principal Regulations is amended by substituting for the words “books supplied by the District Surveyor to whom they shall be returned on completion of the survey” the words “notes of an approved format”.

Amendment of regulation 28

11. Regulation 28 of the principal Regulations is amended by substituting for the words “19...” the words “20...”.

Amendment of regulation 29

12. Subregulation 29(2) of the principal Regulations is amended –

(a) by substituting for the words “or G.P.S. equipment” the words “, Global Navigational Satellites Systems (GNSS) Surveying Equipment or Total Station”;
and

(b) by substituting for the word “books” the word “notes”.

Amendment of regulation 38

13. The principal Regulations is amended by substituting regulation 38 the following regulation:

“Abbreviations

38. The abbreviations set out in the Second Schedule shall be used in field notes.”.

Amendment of regulation 52

14. The principal Regulations is amended by substituting for regulation 52 the following regulation:

“Plotting of plans

52. All plans shall be plotted by coordinates.”.

Amendment of regulation 56

15. Regulation 56 of the principal Regulations is amended –

(a) in the marginal note, by inserting after the word “signs” the words “and abbreviations”; and

(b) by inserting after the word “signs” the words “and abbreviations”.

Amendment of regulation 61

16. Regulation 61 of the principal Regulations is amended by substituting for the words “19.....” the words “20.....”.

Amendment of First Schedule

17. First Schedule of the principal Regulations is amended in item 2 –

(a) by inserting in the appropriate columns before the area of “five hectares” and the particulars relating thereto, the following area and the particulars relating thereto:

“one hectare - one decimal of square metre”; and

(b) by substituting for the “-” the words “one hectare” under column “but exceeding” against the area of “five hectares”.

Amendment of Second Schedule

18. Second Schedule of the principal Regulations is amended –

(a) in item 1, by inserting after the word “SIGNS” the words “AND ABBREVIATIONS”; and

(b) by inserting after item 1, the following item:

“2. ABBREVIATIONS:

For purposes of annotation and identification on the plans, the following abbreviations shall be used:

1. Adopted	adp
2. Bearing	brg
3. Belian picket	pkt
4. Building	bldg
5. Calculated	calc
6. Country Lease	CL
7. Diagram	Diag
8. Distance	dist
9. Electric pole	EP
10. Field Register	FR
11. Forest Reserve	F. Rve
12. Found	F
13. Gazette Number	G.N

14. Gone	G
15. Government Reserve	Govt. Rve
16. High water mark	HWM
17. Hectare	ha
18. Iron pipe	IP
19. Iron spike	IS
20. Jalan	Jln.
21. Kampung	Kg.
22. Land Application/Permohonan Tanah	LA/PT
23. Low water mark	LWM
24. Metre	m
25. Native Title	NT
26. New peg	NP
27. New boundaries stone	NS
28. New post	Npost
29. New iron pipe	NIP
30. New iron spike	NIS
31. New mark on concrete	NMC
32. New mark on rock	NMR
33. New nail	Nnail
34. No mark	No Mk
35. Observed	obs
36. Old peg	OP
37. Old boundary stone	OS
38. Old post	OPost
40. Old iron pipe	OIP
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42. Old mark concrete	OMC
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47. Old iron spike found replaced	OISFR
48. Old nail found replaced	ONFR

49. Old post found replaced	OpostFR
50. Old stone gone replaced	OSGR
51. Old peg gone replaced	OPGR
52. Old iron spike gone replaced	OISGR
53. Old nail gone replaced	ONGR
54. Old post gone replaced	OpostGR
55. Provisional Lease	PL
56. Replaced	R
57. Right of way	R.O.W
58. Scaled	Sc
59. Solar observation	SO
60. State land	SL
61. State reserve	State Rve.
62. Sungai	Sg.
63. Tanjung	Tg.
64. Town Lease	TL
65. Traverse	Trav
66. Telephone pole	TP”.

Made 9 November 2015.

HAJI SAFAR BIN UNTONG,
Chairman,
Surveyors Board, Sabah.

I approved the foregoing Regulations.

Dated 19 November 2015.

TAN SRI DATUK SERI PANGLIMA HAJI SUKARTI BIN HAJI WAKIMAN,
State Secretary.

No. S 5

[No. JKM.PHB. 100-1/2 Jld. 5/(197)]

ORDINAN JURUUKUR 1960

(No. 22 Tahun 1960)

PERATURAN-PERATURAN JURUUKUR
(PENDAFTARAN DAN PENTADBIRAN) (PINDAAN) 2015

Pada menjalankan kuasa yang diberikan oleh seksyen 19 Ordinan Juruukur 1960 [No. 22 tahun 1960], Lembaga Juruukur, dengan kelulusan Setiausaha Kerajaan Negeri, membuat peraturan-peraturan yang berikut:

Nama dan permulaan kuat kuasa

1. (1) Peraturan-peraturan ini bolehlah dinamakan Peraturan-Peraturan Juruukur (Pendaftaran dan Pentadbiran) (Pindaan) 2015.

(2) Peraturan-Peraturan ini mula berkuat kuasa pada 19 November 2015.

Pindaan Peraturan 3

2. Peraturan-Peraturan (Pendaftaran dan Pentadbiran) 1989 [G.N.S No. 9 tahun 1989], yang disebut "Peraturan-Peraturan ibu" dalam Peraturan-Peraturan ini, dipinda dengan menggantikan peraturan 3 dengan peraturan yang berikut:

"Qualifications

3. The following are prescribed degree, diploma, licence, certificate, examinations and training for the purpose of paragraph 9(1)(b) of the Ordinance:

- (a) a degree or diploma in the field of land surveying recognized by the Board;
- (b) a certificate of competency or licence issued by other Land Surveyors Board recognized by the Board;
- (c) completed two years articleship under the Director or any Registered Licensed Surveyor;
- (d) passed the written examination in laws and regulations conducted by the Board;
- (e) passed the practical examination; and
- (f) has a good local survey experience and general knowledge of the relevant state laws of Sabah."

Peraturan baru 5A

3. Peraturan-Peraturan ibu dipinda dengan memasukkan selepas peraturan 5 peraturan yang berikut:

“Maintaining a branch office

5A. (1) Where a licensed land surveyor practising in the name of a firm maintain a branch office –

- (a) such branch office shall operate in the name of the licensed surveyor’s firm; and
 - (b) such branch office shall continuously be manned by a Registered Survey Technician under the employment of the same licensed surveyor.
- (2) The Board may, by notice in writing, direct a licensed surveyor in contravention of subregulation (1) to close the branch office.
- (3) The licensed surveyor shall, within six months from the date of service of the notice under subregulation (2) or any extension of time approved by the Board, take appropriate action to close the branch office.
- (4) The Board shall take disciplinary action against the licensed surveyor in accordance to the Ordinance for failing to comply with the notice under subregulation (2).
- (5) There shall not be more than three branch offices manned.”.

Pindaan peraturan 6

4. Peraturan 6 Peraturan-Peraturan ibu dipinda –

- (a) dalam perenggan (b), dengan menggantikan “500.00” dengan “1000.00” dalam ruang akhir bersetentangan fi “(b) annual licence fee”;
- (b) dalam perenggan (c), dengan menggantikan “250.00” dengan “1000.00” dalam ruang akhir bersetentangan dengan fi “(c) examination fee for Certificate of Competency”;
- (c) dalam perenggan (d), dengan menggantikan “200.00” dengan “1000.00” dalam ruang akhir bersetentangan fi “(d) examination fee for registration and licence”;
- dan
- (d) dengan memasukkan selepas perenggan (d) perenggan yang berikut:

“(e) examination fee for certificate of Registration of Survey Technician 100.00”.

Pindaan peraturan 7

5. Subperaturan 7(1) Peraturan-Peraturan ibu dipinda –

- (a) dengan menggantikan perenggan (a) dengan perenggan yang berikut:
 - “(a) up to ten per cent of the fee or the maximum of RM200,000.00 whichever is lower, upon the issuance of Registered Survey Paper by the District Surveyor of the Lands and Surveys Department;”;

- (b) dalam perenggan (b), dengan menggantikan perkataan “twenty-five” dengan perkataan “fifty five”; dan
- (c) dalam perenggan (c), dengan menggantikan perkataan “ten” dengan perkataan “thirty”.

Pindaan peraturan 8

6. Perenggan 8 (a) Peraturan-Peraturan ibu dipinda –
- (a) dengan memotong perkataan “for a standard single room, reasonable”; dan
- (b) dengan memasukkan koma selepas perkataan “accommodation”.

Pindaan Jadual Pertama

7. Jadual Pertama Peraturan-Peraturan ibu dipinda dengan menggantikan perkataan “19...” dengan perkataan “20...”.

Pindaan Jadual Kedua

8. Jadual Kedua Peraturan-Peraturan ibu dipinda –
- (a) dengan menggantikan “CONTENTS” dengan yang berikut:

“CONTENTS

TABLE 1	FOR SURVEY OF AGRICULTURAL LAND UNDER PART II AND PART IV OF THE LAND ORDINANCE (CAP. 68)
TABLE 2	FOR SURVEY OF LAND UNDER PART II, PART III AND PART IV OF THE LAND ORDINANCE (CAP. 68) FOR OTHER THAN AGRICULTURAL PURPOSES
TABLE 3	FOR SURVEY FOR SUBDIVISION OF BUILDINGS FOR ISSUANCE OF SUBSIDIARY TITLES
TABLE 4	FOR RESURVEY FOR THE REFIXATION OR REPLACEMENT OF BOUNDARY MARKS
TABLE 5	FOR LAND ACQUISITION SURVEYS
TABLE 6	FOR SURVEY OF LAND FOR RESERVES AND SPECIAL PURPOSE
TABLE 7	FOR SURVEY OF CONTROL TRAVERSES
TABLE 8	FOR PREPARATION OF COMPILATION PLANS
TABLE 9	FOR PROFESSIONAL CONSULTATION FEES AND OTHER SERVICES
TABLE 10	TIME RATES
TABLE 11	CONTROL POINT POSITIONING BY SATELLITE

TABLE 12	SURVEY OF LAND FOR MINING
TABLE 13	FOR SURVEY OF LAND OR TEMPORARY OCCUPATION LICENCE (T.O.L)
TABLE 13A	SITE SURVEY
TABLE 13B	ROAD, RAILWAY AND PIPELINE SURVEY
TABLE 13C	WATERWAYS, DRAINAGE AND IRRIGATION SURVEY
TABLE 13D	TRANSMISSION LINE SURVEY
TABLE 13E	HYDROGRAPHIC SURVEY FOR TERRITORIAL WATERS
TABLE 13F	AERIAL/LIDAR MAPPING
TABLE 13G	UNDERGROUND UTILITY MAPPING
TABLE 14	DISBURSEMENTS”; dan

(b) dengan memasukkan selepas “Table 13” yang berikut:

“TABLE 13A
SITE SURVEY

	<i>RM</i>
1. Basic charge	1,300.00
2. Charge for mobilization and demobilization 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	RM1,300.00 per kilometre

5. Topographical survey

Cost per hectare –

<i>Classification of Terrain and Ground Condition</i>	<i>Contour Intervals</i>		
	<i>1 metre RM</i>	<i>2 metres RM</i>	<i>3 metres RM</i>
Flat to undulating below 15 degree of slope	1,250.00	1,040.00	890.00
Hilly above 15 degree of slope	3,120.00	2,080.00	1,560.00
Swampy area	1,560.00	1,250.00	1,040.00

* 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 RM1,200.00 per hectare will be incurred in addition to the above.

6. Grid survey

Cost per kilometre –

<i>Classification of Terrain and Ground Condition</i>	<i>Grid Intervals</i>		
	<i>5 metres RM</i>	<i>10 metres RM</i>	<i>20 metres and above RM</i>
With details			
Flat to undulating below 15 degree of slope	15,600.00	11,700.00	7,800.00
Hilly above 15 degree of slope	18,720.00	14,040.00	9,360.00
Swampy area	17,160.00	12,870.00	8,580.00
Without details			
Flat to undulating below 15 degree of slope	7,800.00	5,850.00	3,900.00
Hilly above 15 degree of slope	9,360.00	7,020.00	4,680.00
Swampy area	8,580.00	6,400.00	4,290.00

* 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 RM5,000.00 per kilometre will be incurred in addition to the above.

Where the interval is less than 5 metres, then the fees shall be increased proportionately.

7. Construction or establishment of temporary bench mark –

RM

- (a) with concreting 350.00 per monument
- (b) without concreting 250.00 per monument

8. 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.

9. The above charges are applicable when the survey work site 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 no more than 5 kilometres	Add 20% of items 3, 4, 5, 6 and 7 above
above 5 kilometres but not more than 10 kilometres	Add 40% of items 3, 4, 5, 6 and 7 above
above 10 kilometres	Add 70% of items 3, 4, 5, 6 and 7 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 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 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 RM1,200.00 per day shall be applicable up to a maximum of 7 days.

11. Supply of plans

RM10.00 per plan

TABLE 13B
ROAD, RAILWAY AND PIPELINE SURVEY

	<i>RM</i>
1. Basic charge	1,300.00
2. Charge for mobilization and demobilization 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	RM1,300.00 per kilometre
5. Road, Railway and Pipeline survey	

Cost per kilometre –

<i>Classification of Terrain and Ground Condition</i>	<i>Strip Survey @ 10 metres width (includes long section & cross section @ 25 metres interval)*</i>	<i>Setting out</i>	<i>As built</i>
	<i>RM</i>	<i>RM</i>	<i>RM</i>
Flat to undulating below 15 degree of slope	12,420.00	5,850.00	12,420.00
Hilly above 15 degree of slope	21,320.00	8,580.00	21,320.00
Swampy area	21,320.00	8,580.00	21,320.00

* 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 RM8,000.00 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 shall be chargeable.

-
6. Bridge site survey RM8,580.00 per hectare or part thereof
7. Construction or establishment of temporary bench mark –
- RM*
- (a) with concreting 350.00 per monument
- (b) without concreting 250.00 per monument
8. 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.
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 items 3, 4, 5, 6 and 7 above |
| Above 5 kilometres but not more than 10 kilometres | Add 40% of items 3, 4, 5, 6 and 7 above |
| Above 10 kilometres | Add 70% of items 3, 4, 5, 6 and 7 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 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 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 RM1,200.00 per day shall be applicable up to a maximum of 7 days.
11. Supply of plans RM10.00 per plan

TABLE 13C
WATERWAYS, DRAINAGE AND IRRIGATION SURVEY

	<i>RM</i>
1. Basic charge	1,300.00
2. Charge for mobilization and demobilization 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	RM1,300.00 per kilometre
5. Waterways survey	
Cost per kilometre –	

<i>Classification of Terrain and Ground Condition</i>	<i>Strip Survey @ 10 metres width (includes long section & cross section @ 25 metres interval)*</i>	<i>Setting out</i>	<i>As built</i>
	<i>RM</i>	<i>RM</i>	<i>RM</i>
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 RM8,000.00 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 shall be chargeable.

6. Grid survey for drainage and 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 RM5,000.00 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 RM8,580.00 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 no more than 5 kilometres	Add 20% of items 3, 4, 5, 6, 7 and 8 above
Above 5 kilometres but not more than 10 kilometres	Add 40% of items 3, 4, 5, 6, 7 and 8 above
Above 10 kilometres	Add 70% of items 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 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 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 RM1,200.00 per day shall be applicable up to a maximum of 7 days.
12. Supply of plans RM10.00 per plan

TABLE 13D
TRANSMISSION LINE SURVEY

	<i>RM</i>
1. Basic charge	1,300.00
2. Charge for mobilization and demobilization 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	RM1,300.00 per kilometre
5. Transmission line survey	
Cost per kilometre –	

<i>Classification of Terrain and Ground Condition</i>	<i>Strip Survey @ 40 metres corridor (includes long section & cross section @ 50 metres interval)</i> <i>RM</i>	<i>Setting Out of Center Line of Transmission Line @ 50 metres interval</i> <i>RM</i>	<i>Setting Out 40 metres width Reserve Boundaries</i> <i>RM</i>	<i>Marking of trees within 40 metres width Reserve Boundaries</i> <i>RM</i>
Flat to undulating below 15 degree of slope	14,370.00	17,160.00	3,510.00	1,170.00
Hilly above 15 degree of slope	20,930.00	26,520.00	4,290.00	1,560.00
Swampy area	23,010.00	26,520.00	4,290.00	1,560.00

* 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 per kilometre will be incurred in addition to the above.

6. Site survey for tower/pylon positions as per rates prescribed under item 5 or 6 of Table 13A
7. Setting out of tower/pylon positions RM650.00 per tower/pylon
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 no more than 5 kilometres	Add 20% of items 3, 4, 5, 6, 7 and 8 above

Above 5 kilometres but not more than 10 kilometres	Add 40% of items 3, 4, 5, 6, 7 and 8 above
Above 10 kilometres	Add 70% of items 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 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 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 RM1,200.00 per day shall be applicable up to a maximum of 7 days.

12. Supply of plans

RM10.00 per plan

TABLE 13E
HYDROGRAPHIC SURVEY FOR TERRITORIAL WATERS

	<i>RM</i>
1. Basic charge	1,300.00
2. Charge for mobilization and demobilization 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	RM1,300.00 per kilometre
5. Shoreline profiling	
Cost per kilometre –	

Classification of Terrain Ground Condition	Base Line & Height control	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 –

<i>Profiles at interval of</i>	<i>Cost per kilometre</i>
	<i>RM</i>
25 metres	560.00
50 metres	750.00
100 metres or more	940.00

Subject to a minimum of RM6,000.00 per job.

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

<i>Profiles at interval of</i>	<i>Cost per kilometre</i>
	<i>RM</i>
25 metres	560.00
50 metres	750.00
100 metres or more	940.00

Subject to a minimum of RM6,000.00 per job.

8. Tidal observation –

Cost per location –

(a) Automatic Water Level Recording –

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

(b) Direct Reading –

	<i>RM</i>
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 –

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

(b) Direct Reading –

	<i>RM</i>
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 –

	<i>RM</i>
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 | RM410.00 per sample
subject to a minimum
charge of RM2,020.00 |
| 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) Disbursements, 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 per cent 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 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 RM1,200.00 per day shall be applicable up to a maximum of 7 days. | |
| 17. Boat/Ship Rental | as per actual cost |
| 18. Supply of plans | RM10.00 per plan |

TABLE 13F
AERIAL/LiDAR MAPPING

		<i>RM</i>
1.	Basic charge	1,300.00
2.	Charge for mobilization and demobilization 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.	Control by satellite –	as per rates prescribed under Table 11
4.	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
5.	Height control survey	RM1,300.00 per kilometre
6.	Aerial/LiDAR mapping rate –	
	<i>Compilation Scale</i>	<i>Compilation Fee (Aerial)</i>
		<i>Compilation Fee (LiDAR)</i>
		<i>RM</i>
		<i>RM</i>
	Smaller than or equal to 1 : 10000	$(32.00 \times A) \times 0.5$
	Larger than 1 : 10000 but smaller than or equal to 1 : 4000	$(32.00 \times A)$
	Larger than 1 : 4000 but smaller than or equal to 1 : 1000	$(32.00 \times A) \times 1.5$
		4,300.00 per square kilometre
	Larger than 1 : 1000	$(32.00 \times A) \times 2.0$
	Where A is the area in hectare	

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 RM7,500.00 per day shall be applicable.

TABLE 13G
UNDERGROUND UTILITY MAPPING

	<i>RM</i>
1. Basic charge	1,300.00
2. Charge for mobilization and demobilization 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. Locating, scanning and detecting buried utility services –	
(a) For a single type utility (less than 3 metres underground) –	

	<i>Width</i>	≤ 3 metres <i>RM/sq.m</i>	>3 metres <i>RM/sq.m</i>
<i>Density Level</i>			
High density		19.00	24.00
Medium density		13.00	16.00
Low density		10.00	12.00

(b) For more than one type of utility (less than 3 metres underground) –

<i>Density Level</i> \ <i>Width</i>	≤ 3 metres RM/sq.m	>3 metres RM/sq.m
High density	29.00	36.00
Medium density	19.00	24.00
Low density	13.00	17.00

(c) For more than one type of utility (more than 3 metres underground) –

<i>Density Level</i> \ <i>Width</i>	>3 metres RM/sq.m
High density	86.00
Medium density	57.00
Low density	43.00

4. As built survey RM2,900.00 per day
5. Certification RM2,500.00 per job
6. Preparation of report and submission RM1,500.00 per job”.

Dibuat 9 November 2015.

HAI SAFAR BIN UNTONG,
Pengerusi,
Lembaga Juruukur Sabah.

Saya meluluskan Peraturan-Peraturan yang tersebut di atas.

Bertarikh 19 November 2015.

TAN SRI DATUK SERI PANGLIMA HAJI SUKARTI BIN HAJI WAKIMAN,
Setiausaha Kerajaan Negeri.

SURVEYORS ORDINANCE 1960

(No. 22 of 1960)

SURVEYORS (REGISTRATION AND ADMINISTRATION) (AMENDMENT)
REGULATIONS 2015

In exercise of the powers conferred by section 19 of the Surveyors Ordinance 1960 [No. 22 of 1960], the Surveyors Board, with the approval of the State Secretary, makes the following regulations:

Citation and commencement

1. (1) These regulations may be cited as the Surveyors (Registration and Administration) (Amendment) Regulations 2015.

(2) These Regulations come into operation on 19 November 2015.

Amendment of regulation 3

2. The Surveyors (Registration and Administration) Regulations 1989 [G.N.S No. 9 of 1989], which are referred to as the "principal Regulations" in these Regulations, is amended by substituting for regulation 3 the following regulation:

"Qualifications

3. The following are prescribed degree, diploma, licence, certificate, examinations and training for the purpose of paragraph 9(1)(b) of the Ordinance:

- (a) a degree or diploma in the field of land surveying recognized by the Board;
- (b) a certificate of competency or licence issued by other Land Surveyors Board recognized by the Board;
- (c) completed two years articleship under the Director or any Registered Licensed Surveyor;
- (d) passed the written examination in laws and regulations conducted by the Board;
- (e) passed the practical examination; and
- (f) has a good local survey experience and general knowledge of the relevant state laws of Sabah."

New regulation 5A

3. The principal Regulations is amended by inserting after regulation 5 the following regulation:

“Maintaining a branch office

5A. (1) Where a licensed land surveyor practising in the name of a firm maintain a branch office –

- (a) such branch office shall operate in the name of the licensed surveyor’s firm; and
 - (b) such branch office shall continuously be manned by a Registered Survey Technician under the employment of the same licensed surveyor.
- (2) The Board may, by notice in writing, direct a licensed surveyor in contravention of subregulation (1) to close the branch office.
- (3) The licensed surveyor shall, within six months from the date of service of the notice under subregulation (2) or any extension of time approved by the Board, take appropriate action to close the branch office.
- (4) The Board shall take disciplinary action against the licensed surveyor in accordance to the Ordinance for failing to comply with the notice under subregulation (2).
- (5) There shall not be more than three branch offices manned.”.

Amendment of regulation 6

4. Regulation 6 of the principal Regulations is amended –

- (a) in paragraph (b), by substituting “1000.00” for “500.00” in the last column against the fee “(b) annual licence fee”;
- (b) in paragraph (c), by substituting “1000.00” for “250.00” in the last column against the fee “(c) examination fee for Certificate of Competency”;
- (c) in paragraph (d), by substituting “1000.00” for “200.00” in the last column against the fee “(d) examination fee for registration and licence”; and
- (d) by inserting after paragraph (d) the following paragraph:

“(e) examination fee for certificate of Registration of Survey Technician 100.00”.

Amendment of regulation 7

5. Subregulation 7(1) of the principal Regulations is amended –

- (a) by substituting for paragraph (a) the following paragraph:
 - “(a) up to ten per cent of the fee or the maximum of RM200,000.00 whichever is lower, upon the issuance of Registered Survey Paper by the District Surveyor of the Lands and Surveys Department;”;

- (b) in paragraph (b), by substituting for the words “twenty-five” the words “fifty five”; and
- (c) in paragraph (c), by substituting for the word “ten” the word “thirty”.

Amendment of regulation 8

- 6. Paragraph 8 (a) of the principal Regulations is amended –
 - (a) by deleting the words “for a standard single room, reasonable”; and
 - (b) by inserting a comma after the word “accommodation”.

Amendment of First Schedule

- 7. The First Schedule of the principal Regulations is amended by substituting for the word “19.....” the word “20.....”.

Amendment of Second Schedule

- 8. Second Schedule of the principal Regulations is amended –
 - (a) by substituting the “CONTENTS” the following:

“CONTENTS

TABLE 1	FOR SURVEY OF AGRICULTURAL LAND UNDER PART II AND PART IV OF THE LAND ORDINANCE (CAP. 68)
TABLE 2	FOR SURVEY OF LAND UNDER PART II, PART III AND PART IV OF THE LAND ORDINANCE (CAP. 68) FOR OTHER THAN AGRICULTURAL PURPOSES
TABLE 3	FOR SURVEY FOR SUBDIVISION OF BUILDINGS FOR ISSUANCE OF SUBSIDIARY TITLES
TABLE 4	FOR RESURVEY FOR THE REFIXATION OR REPLACEMENT OF BOUNDARY MARKS
TABLE 5	FOR LAND ACQUISITION SURVEYS
TABLE 6	FOR SURVEY OF LAND FOR RESERVES AND SPECIAL PURPOSE
TABLE 7	FOR SURVEY OF CONTROL TRAVERSES
TABLE 8	FOR PREPARATION OF COMPILATION PLANS
TABLE 9	FOR PROFESSIONAL CONSULTATION FEES AND OTHER SERVICES
TABLE 10	TIME RATES
TABLE 11	CONTROL POINT POSITIONING BY SATELLITE

TABLE 12	SURVEY OF LAND FOR MINING
TABLE 13	FOR SURVEY OF LAND OR TEMPORARY OCCUPATION LICENCE (T.O.L)
TABLE 13A	SITE SURVEY
TABLE 13B	ROAD, RAILWAY AND PIPELINE SURVEY
TABLE 13C	WATERWAYS, DRAINAGE AND IRRIGATION SURVEY
TABLE 13D	TRANSMISSION LINE SURVEY
TABLE 13E	HYDROGRAPHIC SURVEY FOR TERRITORIAL WATERS
TABLE 13F	AERIAL/LiDAR MAPPING
TABLE 13G	UNDERGROUND UTILITY MAPPING
TABLE 14	DISBURSEMENTS"; and

(b) by inserting after "Table 13" the following table:

"TABLE 13A
SITE SURVEY

	<i>RM</i>
1. Basic charge	1,300.00
2. Charge for mobilization and demobilization 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	RM1,300.00 per kilometre

5. Topographical survey

Cost per hectare –

<i>Classification of Terrain and Ground Condition</i>	<i>Contour Intervals</i>		
	<i>1 metre RM</i>	<i>2 metres RM</i>	<i>3 metres RM</i>
Flat to undulating below 15 degree of slope	1,250.00	1,040.00	890.00
Hilly above 15 degree of slope	3,120.00	2,080.00	1,560.00
Swampy area	1,560.00	1,250.00	1,040.00

* 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 RM1,200.00 per hectare will be incurred in addition to the above.

6. Grid survey

Cost per kilometre –

<i>Classification of Terrain and Ground Condition</i>	<i>Grid Intervals</i>		
	<i>5 metres RM</i>	<i>10 metres RM</i>	<i>20 metres and above RM</i>
With details			
Flat to undulating below 15 degree of slope	15,600.00	11,700.00	7,800.00
Hilly above 15 degree of slope	18,720.00	14,040.00	9,360.00
Swampy area	17,160.00	12,870.00	8,580.00
Without details			
Flat to undulating below 15 degree of slope	7,800.00	5,850.00	3,900.00
Hilly above 15 degree of slope	9,360.00	7,020.00	4,680.00
Swampy area	8,580.00	6,400.00	4,290.00

* 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 RM5,000.00 per kilometre will be incurred in addition to the above.

Where the interval is less than 5 metres, then the fees shall be increased proportionately.

7. Construction or establishment of temporary bench mark –

RM

- | | |
|------------------------|---------------------|
| (a) with concreting | 350.00 per monument |
| (b) without concreting | 250.00 per monument |

8. 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.

9. The above charges are applicable when the survey work site 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 no more than 5 kilometres	Add 20% of items 3, 4, 5, 6 and 7 above
above 5 kilometres but not more than 10 kilometres	Add 40% of items 3, 4, 5, 6 and 7 above
above 10 kilometres	Add 70% of items 3, 4, 5, 6 and 7 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 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 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 RM1,200.00 per day shall be applicable up to a maximum of 7 days.

11. Supply of plans

RM10.00 per plan

TABLE 13B
ROAD, RAILWAY AND PIPELINE SURVEY

	<i>RM</i>
1. Basic charge	1,300.00
2. Charge for mobilization and demobilization 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	RM1,300.00 per kilometre
5. Road, Railway and Pipeline survey	

Cost per kilometre –

<i>Classification of Terrain and Ground Condition</i>	<i>Strip Survey @ 10 metres width (includes long section & cross section @ 25 metres interval)*</i>	<i>Setting out</i>	<i>As built</i>
	<i>RM</i>	<i>RM</i>	<i>RM</i>
Flat to undulating below 15 degree of slope	12,420.00	5,850.00	12,420.00
Hilly above 15 degree of slope	21,320.00	8,580.00	21,320.00
Swampy area	21,320.00	8,580.00	21,320.00

* 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 RM8,000.00 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 shall be chargeable.

-
6. Bridge site survey RM8,580.00 per hectare or part thereof
7. Construction or establishment of temporary bench mark –
- RM*
- (a) with concreting 350.00 per monument
- (b) without concreting 250.00 per monument
8. 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.
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 items 3, 4, 5, 6 and 7 above |
| Above 5 kilometres but not more than 10 kilometres | Add 40% of items 3, 4, 5, 6 and 7 above |
| Above 10 kilometres | Add 70% of items 3, 4, 5, 6 and 7 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 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 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 RM1,200.00 per day shall be applicable up to a maximum of 7 days.
11. Supply of plans RM10.00 per plan

TABLE 13C
WATERWAYS, DRAINAGE AND IRRIGATION SURVEY

	<i>RM</i>
1. Basic charge	1,300.00
2. Charge for mobilization and demobilization 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	RM1,300.00 per kilometre
5. Waterways survey	
Cost per kilometre –	

<i>Classification of Terrain and Ground Condition</i>	<i>Strip Survey @ 10 metres width (includes long section & cross section @ 25 metres interval)*</i>	<i>Setting out</i>	<i>As built</i>
	<i>RM</i>	<i>RM</i>	<i>RM</i>
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 RM8,000.00 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 shall be chargeable.

6. Grid survey for drainage and irrigation

Cost per kilometre –

<i>Classification of Terrain and Ground Condition</i>	<i>Grid Intervals</i>		
	<i>25 metres RM</i>	<i>50 metres RM</i>	<i>100 metres and above RM</i>
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 RM5,000.00 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 RM8,580.00 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 no more than 5 kilometres Add 20% of items 3, 4, 5, 6, 7 and 8 above
 Above 5 kilometres but not more than 10 kilometres Add 40% of items 3, 4, 5, 6, 7 and 8 above

Above 10 kilometres Add 70% of items 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 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 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 RM1,200.00 per day shall be applicable up to a maximum of 7 days.

12. Supply of plans

RM10.00 per plan

TABLE 13D
TRANSMISSION LINE SURVEY

	<i>RM</i>
1. Basic charge	1,300.00
2. Charge for mobilization and demobilization 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	RM1,300.00 per kilometre
5. Transmission line survey	
Cost per kilometre –	

<i>Classification of Terrain and Ground Condition</i>	<i>Strip Survey @ 40 metres corridor (includes long section & cross section @ 50 metres interval)</i> <i>RM</i>	<i>Setting Out of Center Line of Transmission Line @ 50 metres interval</i> <i>RM</i>	<i>Setting Out 40 metres width Reserve Boundaries</i> <i>RM</i>	<i>Marking of trees within 40 metres width Reserve Boundaries</i> <i>RM</i>
Flat to undulating below 15 degree of slope	14,370.00	17,160.00	3,510.00	1,170.00
Hilly above 15 degree of slope	20,930.00	26,520.00	4,290.00	1,560.00
Swampy area	23,010.00	26,520.00	4,290.00	1,560.00

* 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 per kilometre will be incurred in addition to the above.

6. Site survey for tower/pylon positions as per rates prescribed under item 5 or 6 of Table 13A
7. Setting out of tower/pylon positions RM650.00 per tower/pylon
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 no more than 5 kilometres	Add 20% of items 3, 4, 5, 6, 7 and 8 above

Above 5 kilometres but not more than 10 kilometres	Add 40% of items 3, 4, 5, 6, 7 and 8 above
Above 10 kilometres	Add 70% of items 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 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 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 RM1,200.00 per day shall be applicable up to a maximum of 7 days.	
12. Supply of plans	RM10.00 per plan

TABLE 13E
HYDROGRAPHIC SURVEY FOR TERRITORIAL WATERS

	<i>RM</i>
1. Basic charge	1,300.00
2. Charge for mobilization and demobilization 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	RM1,300.00 per kilometre
5. Shoreline profiling	
Cost per kilometre –	

<i>Classification of Terrain Ground Condition</i>	<i>Base Line & Height control</i>	<i>Topographical (Onshore) Profiling at interval of</i>		
		<i>25 metres</i>	<i>50 metres</i>	<i>100 metres and above</i>
		<i>RM</i>	<i>RM</i>	<i>RM</i>
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 –

<i>Profiles at interval of</i>	<i>Cost per kilometre</i>
	<i>RM</i>
25 metres	560.00
50 metres	750.00
100 metres or more	940.00

Subject to a minimum of RM6,000.00 per job.

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

<i>Profiles at interval of</i>	<i>Cost per kilometre</i>
	<i>RM</i>
25 metres	560.00
50 metres	750.00
100 metres or more	940.00

Subject to a minimum of RM6,000.00 per job.

8. Tidal observation –

Cost per location –

(a) Automatic Water Level Recording –

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

(b) Direct Reading –

	<i>RM</i>
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 –

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

(b) Direct Reading –

	<i>RM</i>
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 –

	<i>RM</i>
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	RM410.00 per sample subject to a minimum charge of RM2,020.00
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)	Disbursements, 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 per cent 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 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 RM1,200.00 per day shall be applicable up to a maximum of 7 days.
17. Boat/Ship Rental	as per actual cost
18. Supply of plans	RM10.00 per plan

TABLE 13F
AERIAL/LiDAR MAPPING

		<i>RM</i>
1.	Basic charge	1,300.00
2.	Charge for mobilization and demobilization 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.	Control by satellite –	as per rates prescribed under Table 11
4.	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	RM1,300.00 per kilometre
6.	Aerial/LiDAR mapping rate –	
	<i>Compilation Scale</i>	<i>Compilation Fee (Aerial)</i>
		<i>Compilation Fee (LiDAR)</i>
		<i>RM</i>
		<i>RM</i>
	Smaller than or equal to 1 : 10000	$(32.00 \times A) \times 0.5$
	Larger than 1 : 10000 but smaller than or equal to 1 : 4000	$(32.00 \times A)$
	Larger than 1 : 4000 but smaller than or equal to 1 : 1000	$(32.00 \times A) \times 1.5$
		4,300.00 per square kilometre
	Larger than 1 : 1000	$(32.00 \times A) \times 2.0$
	Where A is the area in hectare	

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 RM7,500.00 per day shall be applicable.

TABLE 13G
UNDERGROUND UTILITY MAPPING

	<i>RM</i>
1. Basic charge	1,300.00
2. Charge for mobilization and demobilization 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. Locating, scanning and detecting buried utility services –	
(a) For a single type utility (less than 3 metres underground) –	

<i>Density Level</i> \ <i>Width</i>	<i>≤ 3 metres</i> <i>RM/sq.m</i>	<i>>3 metres</i> <i>RM/sq.m</i>
High density	19.00	24.00
Medium density	13.00	16.00
Low density	10.00	12.00

(b) For more than one type of utility (less than 3 metres underground) –

<i>Density Level</i> \ <i>Width</i>	≤ 3 metres <i>RM/sq.m</i>	>3 metres <i>RM/sq.m</i>
High density	29.00	36.00
Medium density	19.00	24.00
Low density	13.00	17.00

(c) For more than one type of utility (more than 3 metres underground) –

<i>Density Level</i> \ <i>Width</i>	>3 metres <i>RM/sq.m</i>
High density	86.00
Medium density	57.00
Low density	43.00

4. As built survey RM2,900.00 per day
5. Certification RM2,500.00 per job
6. Preparation of report and submission RM1,500.00 per job”.

Made 9 November 2015.

HAJI SAFAR BIN UNTONG,
Chairman,
Surveyors Board, Sabah.

I approved the foregoing Regulations.

Dated 19 November 2015.

TAN SRI DATUK SERI PANGLIMA HAJI SUKARTI BIN HAJI WAKIMAN,
State Secretary.

