

## **1.0 INTRODUCTION**

### **1.1 BACKGROUND**

**WIRA UKUR CONSULTANT** is a fully bumiputra owns and professional licensed land surveyor which was incorporated on 22<sup>nd</sup> October 1990.

The Company was founded by Haji Hanafi bin Haji Mamat who has vast experience not only in land surveying but also topography, hydrographic and geographic information systems.

The Company is registered with Kementerian Kewangan Malaysia and recognized by Lembaga Jurukur Tanah Semenanjung Malaysia.

Since incorporation, the Company has involved surveying services throughout Malaysia with the maximum Contract value of **RM500,000**. The clients also ranging from the government to private sectors.

Previously the business activities were mainly at the state of Kelantan only, however the Company has expanded its business activities by setting up an office in Kuala Lumpur for a better business prospects and opportunities.

By having qualified and committed personnel, advance survey equipments and sophisticated plotting system has enable the Company to entertain the client requirements fast and reliable.

## **1.2 SERVICES**

In a competitive industry, the Company has prepared to strengthen the external demand by introducing various services to cater the requirement of various clients. The services that the Company could offer are as listed below;

1. Hydrographic Survey
2. Mining Survey
3. Engineering Topographic Survey
4. Geographic Information System (GIS)
5. Aerial Photogrammetry
6. Geodetic Survey
7. Cadastre Survey
8. Title Survey
9. Consultancy In Planning & Properties Development

### 1.3 QUALIFIED, EXPERIENCED AND COMMITTED PERSONNEL

The Company has aware that the nature of services require qualified, experienced and committed personnel to execute the task awarded are the important criteria to boost up the clients' confidence and to satisfy clients requirement. Therefore the Company only employed the qualified, experienced and committed personnel to produce a quality and reliable services.

The technical personnel are as follows;

Nor Azmawi Bin Abd.Rahman	B.Sc. Geomatic Science Engineering (Uitm), MIS (M)
Masliza Bt. Haji Yusup	B.Sc. Geomatic Science Engineering (Uitm).
Che Md. Kamaruddin B.Che Harun	Sijil STPM
Mohamad Bin Kasim	Sijil STPM
Osman bin Ab. Rahman	Sijil SPM/LJT
Marzuki Bin Mohamad	Sijil SPM/LJT
Mohd Saufi Bin Ishak	Sijil Ukur (PUO)
Mazlan Bin Mat Jusoh	Sijil SPM
Mohd. Roni bin Othman	Sijil SPM
Mohd.Norimy B. Omar	Sijil SPM
Hasnol B. Hassan	Sijil SPM
Awang Kechik B. Abdullah	Sijil SPM
Arham B.Rahimi	Sijil SPM
Wan Junoh bin Wan Mamat	Sijil SPM
Aeshah Bt. Ismail	Sijil STPM

**WIRA UKUR CONSULTANT**

Noor Aziera Bt. Mohammad

Sijil SPM

Norhayati Bt. Abu Bakar

Dip. Accountancy (UTM)

Mazlina Bt. Mat Noor

Sijil SPM

Wan Nor Aini Bt. Wan Omar

Sijil SPM

**1.4 OFFICES**

The Company has expended the business and set up offices at 2 locations in Peninsular Malaysia;

**KELANTAN**

3455A Bangunan Koperasi Pkerja Bank (COBE) Berhad,  
Tingkat 1 Wisma Hajjah Habsah  
Jalan Sultanah Zainab  
15050 Kota Bharu  
Kelantan Darul Naim

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Fax : 09-7437741

Website : [www.wiraukur.com](http://www.wiraukur.com)

E-mail : [nafi@tm.net.my](mailto:nafi@tm.net.my)

: [wuckb@hotmail.com](mailto:wuckb@hotmail.com)

: [hanafi@wiraukur.com](mailto:hanafi@wiraukur.com)

**KUALA LUMPUR**

229B Jalan Bandar 13  
Taman Melawati  
53100 Kuala Lumpur

Tel : 03-41080970/41086680

Fax : 04-41086680

E-mail : [wira4080streamyx.com](mailto:wira4080streamyx.com)

: [wuckl@hotmail.com](mailto:wuckl@hotmail.com)

**1.5 ASSOCIATE CONSULTANTS**

The Company is aware that the high accuracy surveying is sometimes required the assistant of professional and skilled personnel. Therefore to enhance the services, the Company has associate consultants as listed below;

Haji Mohd Alwi bin Haji Che Mat	B.App.Sc (WAIT) Hydro CAT.B .(CANADA), MIS (M)
Raden Jaya Kesuma bin Raden Suphatan	B.Sc (Hons) (Lond), MIS (M)
Haji Bahrom bin Nor	B.Surv. (Hons) UTM, MIS (M)

## **1.6 OUTSTATION TEAM**

It is the main objective of the Company to ensure the services at site achieve a reasonable quality within the budgeted cost and completion dates are met. Therefore outstation teams are established to accomplish the Company objective.

Each team shall operate independently on executing the services activities. Each team will be lead by the section head or senior surveyor and shall act totally independent on planning, organizing, coordinating, delegating and control for each site. The services activities shall include but not limited to dealing with client, consultants, authorities etc.

List of outstation teams are as follows;

TEAM 1	Nor Azmawi B. Ab.Rahman with 4 assistants
TEAM 2	Osman bin Ab. Rahman with 4 assistants
TEAM 3	Muhammad bin Kassim with 4 assistants
TEAM 4	Mohd.Saufi B. Ishak with 4 assistants

**1.7 EQUIPMENT**

The Company has invested on advance surveying equipment and sophisticated plotting system due to present requirement from the clients.

This equipment and the plotting system provide high accuracy and reduce risk especially for offshore surveying services.

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>NUMBER</b>
<b>1</b>	<b>E.D.M. TOTAL STATION</b>	
1.1	Wild TC1000	1 set
1.2	Geodimeter 4000	3 sets
1.3	Topcon DMS 2	1 set
1.4	Redmini 2	3 sets
<b>2</b>	<b>THEODOLITES</b>	
2.1	Wild TIA	2 sets
2.2	Zeiss	2 sets
2.3	Topcon	2 sets
2.4	Sokkisha DT3	2 sets
2.5	Topcon TL20G	1 set
<b>3</b>	<b>GLOBAL POSITIONING SYSTEM</b>	
3.1	Geotracer GPS System	3 sets
<b>4</b>	<b>LEVELS AND ACCESSORIES</b>	
4.1	Wild	1 set



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4.2	Topcon	1 set
4.3	Sokkisha	1 set

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>NUMBER</b>
<b>5</b>	<b>ECHO-SOUNDER</b>	
5.1	Raytheon DE 719C	1 set
<b>6</b>	<b>BOAT</b>	
6.1	12 Ft. Whaler	1 no.
<b>7</b>	<b>VEHICLES</b>	
7.1	Car	3 no.
7.2	Van	1 no.
7.3	Trooper/Jeep	4 no.
7.4	Pajero	1 no.
<b>8</b>	<b>PLOTTER</b>	
8.1	HP Inkjet	1 unit
8.2	Drum Plotter HP Drafpro	1 unit
8.3	Drafting Cadliner CD-750	1 unit
8.4	Roland DPX3500 Flat Bed	1 unit
<b>9</b>	<b>COMPUTER</b>	
9.1	HP 80486-DX33	2 units
9.2	Amstrad 80486-33	3 units
9.3	Ranger 486-DX66	5 units
9.4	Summergraphic Digitiser	2 units
9.5	Acer Pentium	2 units
9.6	Likom Celeron 266 MHz	1 unit

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9.7	Infowira Pentium III 450 System	1 unit
9.8	CES-Power Series	1 unit

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>NUMBER</b>
9.9	CES-Intro Series	1 unit
9.10	CES-Bestari Series	1 unit
<b>10</b>	<b>PRINTER</b>	
10.1	Epson EPL-5700L	1 unit
10.2	HP Deskjet 400	1 unit
10.3	HP Laserjet 5L	1 unit
10.4	Epson LQ1170	1 unit
10.5	Dot Matrix 24-pin	1 unit
10.6	Diazit Plan Printer	1 unit
10.7	Canon Photocopier	1 unit
10.8	Richo Photocopier	1 unit
10.9	Lexmark 1000 Color Jetprinter	1 unit
<b>11</b>	<b>SOFTWARE</b>	
11.1	Engineering TRPS (ECS Foresight Engineering)	2 sets
11.2	Cadastral CPS Landsoft	1 set
11.3	Aerial Photogrametry	1 set
11.4	Diap System and Geomatic	1 set
11.5	Autocad Rel. 12	1 set
11.6	Micro Station	1 set
11.7	Autocad LT97	1 set
11.8	Surpac / CSCS	1 set

<b>12</b>	<b>PLANIMETER</b>	
12.1	Kozumi	1 unit

**1.8 COMPLETED SERVICES**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>CONTRACT SUM</b>	<b>COMPLETION</b>	<b>CLIENT</b>
1	Mini Estet Bukit Mahang, Kelantan			RISDA
2	Mini Estet Rambai Sebunga & Sejambu, Pahang			RISDA
3	Mini Estet Kampung Padang Langgar, Perak			RISDA
4	Kerjaukur Hakmilik Strata untuk Projek Perumahan PKNS			PKNS
5	Kerjaukur Hakmilik Strata unit Pasangpuri Bandaraya			DBKL
6	324 unit perumahan di Pasir Mas, Kelantan			AISA HOMES
7	107 unit perumahan di Gua Musang, Kelantan			PM Const.
8	4.5 projek jalan di Pasir Puteh , Kelantan			JKR Kelantan
9	Projek jalan persisir pantai, Bachok			JKR Kelantan
10	Projek jalan Cherang-Ruku Air Tawar, Pasir Puteh, Kelantan			JKR Kelantan
11	Projek jalan Jelawang-Stong, Gua Musang, Kelantan			JKR Kelantan
12	Projek jalan Di Bandar Pasir Mas dari 723km – 726km			JKR Kelantan
13	Projek jalan dari Pekan Peringat ke Pekan Melor, Kelantan			JKR Kelantan

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14	Projek pengukuran bagi unit penyelanggaran jalan (UPJ) tapak bulatan dan persimpangan jalan di Kota Bharu, Kelantan			JKR Kelantan
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ITEM	DESCRIPTION	CONTRACT SUM	COMPLETION	CLIENT
15	Projek pengukuran jalan masuk ke perkampungan Aring 5, Gua Musang, Kelantan			JKR Kelantan
16	10km bekalan air Kelantan Utara			JKR Kelantan
17	Projek bekalan air luar bandar, Dugun, Terengganu			JKR Terengganu
18	Projek pengukuran jalan tuju dan jambatan Sg Besut dari Kampung Sungai ke Kampung Raja, Besut, Terengganu			JKR Terengganu
19	Projek pengukuran ROW Jalan Bahagia dan Jalan Mawar, Daerah Kuala Selangor, Selangor			JKR Selangor
20	Projek pengukuran tapak Sek. Ren. Sg. Chincin, Daerah Gombak, Selangor			JKR Selangor
21	Projek pengukuran kejuruteraan jalan Rawang-Batu Arang sejauh 2.7km Daerah Gombak, Selangor			JKR Selangor
22	Projek pengukuran di persimpangan jambatan Musaedin/Jalan Pos Baru, Daerah Kelang, Selangor			JKR Selangor
23	Projek pengukuran cadangan Gedong Rekod Persekutuan Arkib Negara Malaysia di Sungai Terap, Kuala Selangor			JKR Selangor
24	Projek pengukuran Sek.			JKR Wilayah

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	Keb./Men. Bukit Rahman Putera, Kuala Lumpur			Persekutuan
25	Projek pengukuran cadangan bangunan tambahan di Sek. Men. Tun Dr Ismail, Kuala Lumpur			JKR Wilayah Persekutuan

ITEM	DESCRIPTION	CONTRACT SUM	COMPLETION	CLIENT
26	Projek pengukuran tapak cadangan bangunan Pejabat Agama Islam, Daerah Tampin,			JKR Negeri Sembilan
27	Projek pengukuran tapak cadangan kuarters pegawai-pegawai negeri, Negeri Sembilan			JKR Negeri Sembilan
28	Projek pengukuran tapak sekolah di Padang, Kedah			JKR Kedah
29	Projek pengukuran tapak hospital di Bukit Kayu Hitam, Kedah			JKR Kedah
30	Projek pengagihan bekalan air peringkat IV, Kedah			JKR Kedah
31	Projek pengukuran jalan kembar Uara, Kangar, Perlis			JKR Perlis
32	Projek pengukuran menaikan taraf jalan dari Sungai Tiang ke Hutan Melintang, Daerah Hilir, Perak			JKR Perak
33	Projek pengukuran membina dan meyiapkan satu blok bangunan tambahan Sek. Men. Wira Jaya & Sek. Keb./Men. Buntong, Perak			JKR Perak
34	Projek pengukuran menaikan taraf jalan dari Sungai Tiang ke Hutan Melintang Daerah Hilir, Perak (Pakej 4C)			JKR Perak
35	Projek pengukuran cadangan			JKR Perak

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	membbaikpulih cerun-cerun dan kerja-kerja berkaitan di jalanraya ,Timur-Barat (Pakej 3F)			
36	Projek pengukuran tembok/pagar keselamatan sempadan antarabangsa Malaysia/Thailand di Bukit			JKR Malaysia

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>CONTRACT SUM</b>	<b>COMPLETION</b>	<b>CLIENT</b>
37	Batu Puteh, Wang Kelian dan UUM Sintok, Kedah			JKR Malaysia
38	Projek pengukuran tembok/pagar keselamatan sempadan antarabangsa Malaysia/Thailand di Lembah Sungai Mekong, Jeli, Kelantan			JKR Malaysia
39	Projek pengukuran langkah pencegahan cerun di lebuhraya Timur/Barat, Jeli, Kelantan			JKR Malaysia
40	Projek pengukuran jambatan baru di atas lintasan keretapi di laluan 8, 84 dan 87, Mentakab, Pahang			JKR Malaysia
41	Projek pengukuran membina dan meyiapkan jalan masuk ke perkampungan Felda Aring 5, Gua Musang, Kelantan			JKR Malaysia
42	Projek pengukuran bagi cadangan satu blok bangunan tambahan bilik darjah empat dan lain-lain			JKR Malaysia

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	kerja berkaitan di Sek. Men. Tun Dr Ismail, Kuala Lumpur			
43	Projek kajian kemungkinan laluan kedua Pulau Pinang			JKR Malaysia
44	Projek pengukuran tapak sekolah pasang siap Sek. Keb. Sungai Buloh RRI (2) Petaling			JKR Malaysia

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>CONTRACT SUM</b>	<b>COMPLETION</b>	<b>CLIENT</b>
45	Projek pengukuran tapak sekolah pasang siap – Sek. Keb. Taman Bukit Indah, Gombak dan Sek. Keb. Sungai Buloh RRI (2) Petaling			JKR Malaysia
46	Projek pengukuran cadangan membina dan menyiapkan Institut Kemahiran Belia Negara Zon Timur di Bachok, Kelantan untuk Kementerian Belia dan Sukan Malaysia			JKR Malaysia
47	Projek pengukuran jalan sejauh 9km untuk projek pertanian Kemasin-Semerak			JPS Kelantan
48	Projek pengukuran Sungai Ketereh dari Ketereh Off-Take ke Ketereh Dam			JPS Kelantan
49	Projek pengukuran program saliran tembakau di Kampung Kandis, Bachok, Kelantan			JPS Kelantan
50	Projek pengukuran di Bendang Merbau, Charok, Pasir Puteh, Kelantan			JPS Kelantan
51	Projek pengukuran kawasan			JPS Kelantan

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	tapak reservoir skim pengairan Lawang, IADP Sungai Sokor, Tanah Merah Kelantan			
52	Projek pengukuran program saliran tembakau Kampung Bdg. Pengkalan Baru, Perupok, Bachok, Kelantan			JPS Kelantan

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>CONTRACT SUM</b>	<b>COMPLETION</b>	<b>CLIENT</b>
53	Projek pengukuran program pengairan di Bachok, Kelantan			JPS Kelantan
54	Projek pengukuran bagi rekabentuk terperinci mpangan Paya Peda (Pakej B-2) Terengganu			JPS Ketara
55	Projek pengukuran 24km jalan lading di Kuala Lipis, Pahang			JPS Pahang
56	Projek pengukuran jalan lading di Batu Talam, Raub, Pahang			JPS Pahang
57	Projek pengukuran kejuruteraan bagi penggalian Sungai Lendu, Alor Gajah, Melaka			JPS Melaka
58	Projek pengukuran untuk menaikkan taraf system saliran perumahan/ perindustrian Pekan Pasir, penambang, Kuala Selangor			JPS Selangor
59	Projek pengukuran straktur jambatan disepanjang Sungai			JPS Selangor



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	Damansara dan pengambilan balik tanah Sungai Damansara, Kuala Lumpur			
60	Projek pengukuran system saluran Kampung Padang Macang, Manir, Terengganu			JPS Terengganu

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>CONTRACT SUM</b>	<b>COMPLETION</b>	<b>CLIENT</b>
61	Projek pengukuran paip air retikulasi mengesan kebocoran paip air di daerah Marang, Kuala Terengganu			JBA Terengganu
62	Projek bekalan air utara, peringkat 1B			JBA Kelantan
63	Projek pengukuran 5km bekalan air di Kota Tinggi, Johor			JBA Johor
64	Projek pengukuran laluan paip air mukim Batu Talam, daerah Raub, Pahang dan projek membaikpulih dan menaikkan system bekalan air di daerah Lipis, Pahang			JBA Pahang
65	Projek pengukuran lengcongan jalan di Rantau Panjang, Kelantan			JPP Negeri Kelantan
66	Projek pengukuran tapak kakitangan pusat kesihatan kecil Pulau Chondong, Machang dan Tanah Merah			JPP Negeri Kelantan
67	Projek pengukuran tapak Sek. Men. Sains, Pasir Puteh,			JPP Negeri Kelantan

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	Kelantan			
68	Projek pengukuran tapak pembinaan jambatan dan menaikkan taraf jalan Kampung Kayu Rendang Melur ke Kampung Chengal, Kadok, Kota Bahru, Kelantan			JPP Negeri Kelantan
69	Projek pengukuran tapak kompleks imigresen, Rantau Panjang, Kelantan			JPP Negeri Kelantan

ITEM	DESCRIPTION	CONTRACT SUM	COMPLETION	CLIENT
70	Projek pengukuran tapak Sek. Men. Zainab, Sek. Men. Kadok & Sek. Men. Tengku Faris Putera, Kota Bahru, Kelantan			JPP Negeri Kelantan
71	Projek pengukuran semula (RPS) Pasik, Kelantan			JHEOA
72	Projek pengukuran penandaan sempadan dan topografi untuk unit latihan perhutanan, Kepong, Selangor			Jabatan Perhutanan Sem. Malaysia
73	Projek pengukuran penandaan sempadan luar hutan simpan kekal Sungai Betis, Gua Musang			Jabatan Perhutanan Negeri Kelantan
74	Projek pengukuran 3km jalan masuk ke Kuala Gris, Dabong, Kelantan			KESEDAR
75	Projek pengukuran (minimum survey) untuk Block dan seterusnya penandaan			KESEDAR

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	sempadan lot individu seluas 10 ekar bagi PT. 8 di RKT Paloh 2, Gua Musang, Kelantan			
76	Projek pengukuran 5km jalan di Durian Mentagau, Terengganu			KETENGAH

ITEM	DESCRIPTION	CONTRACT SUM	COMPLETION	CLIENT
77	Projek pengukuran kontor bagi kawasan lebuh raya di Jerangau dan kawasan tangki air di Bandar Cheneh Baru, Kemaman, Terengganu			KETENGAH
78	Projek pengukuran cadangan Felcra Reka I & II di Lubok Bonggor, Jeli, Kelantan			FELCRA
79	Projek ukur keliling di Tembeling, Pahang			FELCRA
80	Projek pengukuran akhir FELCRA Seri Galong, FELCRA Paya Lengkong dan FELCRA Lubok Batu Baru, Pahang			FELCRA
81	Projek pengukuran cadangan kerja-kerja ukur hakmilik bagi tanah ibu pejabat polis Bukit Aman, Kuala Lumpur			Kementerian Dalam Negeri
82	Projek pengukuran cadangan pembinaan rumah kedai, Jeli, Kelantan			MARA Kuala Lumpur

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83	Projek pengukuran cadangan tebusguna tanah bagi pembinaan pelabuhan bersepadu diranca-ranca Wilayah Labuan, Sabah			Lembaga Pembangunan Labuan
84	Projek pengukuran tapak kem Bina semangat, Besut, Terengganu			Jabatan Perdana Menteri

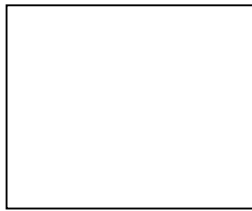
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>CONTRACT SUM</b>	<b>COMPLETION</b>	<b>CLIENT</b>
85	Projek pengukuran cadangan pembinaan perparitan Sungai Busuk – Taman P. Ramlee hingga Taman Setapak Gombak dari Sungai Bunus, Setapak dan dari Taman Dato' Senu hingga ke Gombak, Bandar Baru Sentul			Dewan Bandaraya Kuala Lumpur
86	Projek pengukuran "Transmission line" Selangor dan Johor			Tenaga Nasional Kuala Lumpur
87	Projek pengukuran transmission line dari Salak Tinggi/Sepang Airport/ Bukit Bangkong ke Banting			Tenaga Nasional Kuala Lumpur
88	Projek pengukuran sempadan, penandaan dan topo tanah lot 689 Kampung Tekek, Pulau Tioman			Telekom Malaysia
89	Projek pengukuran sempadan dan topografi ibu sawat telekom di Termeloh, Bentong			Telekom Malaysia

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	& Mentakab, pahang			
90	Projek pengukuran "Pegging Block" bagi Fasa 2, Terengganu Projek tembakau PPRT/PPI, TITT di Taman Industri Tani, RHU Tapai, Setiu, Terengganu			Lembaga Tembakau Negara

ITEM	DESCRIPTION	CONTRACT SUM	COMPLETION	CLIENT
91	Projek pengukuran ukur di kawasan empangan Kelau dan empangan Telemong bagi projek penyaluran air dari Pahang ke Selangor			JKR Malaysia
<b>Ukuran Hidragrafi</b>				
92	Projek pengukuran hakisan pantai Seri Tujuh, Tumpat, Kelantan			JPS Kelantan
93	Projek pengukuran terperinci muka Kuala Sungai Kelantan di Kuala Besar, Kota Bahru, Kelantan			JPS Kelantan
94	Projek Hidtografi Lembaga Pembangunan Labuan, Labuan			Lembaga Pembangunan Labuan
<b>Ukuran Photogrammetry (Aerial Photography)</b>				
95	Projek untuk tebatan banjir pemetaan Sungai Kelantan			JPS Malaysia
96	Projek pemetaan garisan pantai (shorline mapping)			JPS Malaysia

	dengan menggunakan gambar udara dan teknik "softcopy photogrammetry"			
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**DIRECTOR**

Haji Hanafi bin Haji Mamat, aged 49, has been the director ever since the incorporation of the Company 1990. He graduated from North-East London Polytechnic, England with B.SC.(Hons) in Surveying. He joined Jabatan Ukur in Kuala Lumpur, Kuantan, Terengganu and Kelantan during the course of his works. He is registered with Board of Surveying Malaysia, Institute of Surveying in Malaysia and Australia since 19 and 19 respectively. He has extensive experience in surveying on land and in sea. Besides, he has attended international conferences related to surveying not only in Malaysia but other countries such as Australia, New Zealand, Korea, China, Vietnam, Philippines, Indonesia and Myanmar.

