# Proposed Light Rail Transit Line 3 from Bandar Utama to Johan Setia

**Detailed Environmental Impact Assessment** 

Project Code Issue No. Issue Date Prepared by EJ548 1.0 5 February 2015 RNA/GBM/GSM/KRG/WMN

Approved by Files

GBM/RNA \\192.168.1.11\ERE Projects\EJ 548 DEIA Of LRT3\Reports\DEIA

ERE Consulting Group Sdn Bhd 9 Jalan USJ 21/6 47630 Subang Jaya, MALAYSIA Tel : 603-80242287 Fax : 603-80242320



**Declaration Forms and DEIA Team** 



Prasarana Malaysia Berhad (467220-U) (Formerly known as Syarikat Prasarana Negara Berhad) B-20-1, Level 20, Menara UOA Bangsar, No.5, Jalan Bangsar Utama 1, 59000 Kuala Lumpur. Tel : 03-2299 1999 / 03-2287 5959 Fax : 03-2299 1919 Website : www.myrapid.com.my

# **DECLARATION FROM PROJECT PROPONENT**

# Proposed Light Rail Transit Line 3 From Bandar Utama to Johan Setia

I declare the following:

- i) I have provided correct and relevant information to the EIA Study Team;
- ii) I have allowed the EIA Study Team to conduct the EIA study professionally and independently;
- iii) I have read and understood the content of the EIA Report;
- iv) I agree to implement all mitigating measures proposed in the EIA report; and
- I understand that additional mitigating measures may also be imposed by Department of Environment Malaysia; should the original mitigating measures proposed in this EIA report found not to be adequate to comply with the relevant legal requirements.

Signature	Amb-	Prasarana Malaysia Berhad (467220-U) (Formerly known as Syarikat Prasarana Negara Berhad) B-20-1, Level 20,
Name	: NORLIA NOAH	Menara UOA Bangsar, No. 5 Jalan Bangsar Utama 1,
IC / Passport No.	: 661222-01-5266	59000 Kuala Lumpur. Tel: +603-2299 1999 / 2287 5959 Fax: +603-2299 1919
Position	: EXECUTIVE VICE PRESIDEN	NT
Date	0 4 FEB 2015	



Prapidrail



INTERNATIONAL BUS BENCHMARKING GROUP

*pride* 



# Proposed Light Rail Transit Line 3 From Bandar Utama to Johan Setia

I declare the following:

- i) I have read and checked the content of this EIA report;
- ii) My study team members have conducted the study professionally using acceptable methodologies;

У.,

- iii) The study findings are correct to the best of my knowledge; and have not been altered in any manner;
- iv) The mitigating measures proposed (whenever relevant) to the best of my knowledge are reliable, practical and adequate to comply with the relevant legal requirements; and
- v) My team and I shall be accountable for any misleading information in any part of this report.

Signature	Phylata	
Name	: Raja Nur Ashikin Raja Zaina	I
IC / Passport No.	: 670520-10-5440	
Position	:EIA Team Leader	ERE CONSULTING GROUP SDN BHD (356985-X) 9, Jalan USJ 21/6, 47630 Subang Jaya, Selangor Darul Ehsan, MALAYSIA Tel : (603) 80242287 Fax : (603) 80242320
Date	0 4 FEB 2015	

# Proposed Light Rail Transit Line 3 From Bandar Utama to Johan Setia

I declare the following:

- i) I have conducted the study professionally using acceptable methodologies;
- ii) The study findings are correct to the best of my knowledge; and have not been altered in any manner;
- iii) The mitigating measures proposed (whenever relevant) to the best of my knowledge are reliable, practical and adequate to comply with the relevant legal requirements; and
- iv) I shall be accountable for any misleading information in any part of this report.

Ir. Dr. G. Balamurugan

640915-08-5563

0 4 FEB 2015

Signature

Name

IC / Passport No.

: EIA Consultant

2

:

:

Date

Position

I declare the following:

ERE CONSULTING GROUP SDN BHD (356985-X) 9, Jalan USJ 21/6, 47630 Subang Jaya, Selangor Darul Ehsan, MALAYSIA Tel : (603) 80242287 Fax : (603) 80242320

- I have conducted the study professionally using acceptable methodologies;
- ii) The study findings are correct to the best of my knowledge; and have not been altered in any manner;
- iii) The mitigating measures proposed (whenever relevant) to the best of my knowledge are reliable, practical and adequate to comply with the relevant legal requirements; and
- iv) I shall be accountable for any misleading information in any part of this report.

John

Signature	:	
Name	:	Dr. Mohd Salman Leong
IC / Passport No.	:	540923-10-6135
Position	:	Subject Consultant
Date	:	0 4 FEB 2015

Ir. Dr. Mohd. Salman Leong Institute of Noise & Vibration Universiti Teknologi Malaysia International Campus 54100 Jalan Semarak, Kuala Lumpur Tel: 03-26154925 Fax: 03-26932854

## Proposed Light Rail Transit Line 3 From Bandar Utama to Johan Setia

I declare the following:

- i) I have conducted the study professionally using acceptable methodologies;
- ii) The study findings are correct to the best of my knowledge; and have not been altered in any manner;
- iii) The mitigating measures proposed (whenever relevant) to the best of my knowledge are reliable, practical and adequate to comply with the relevant legal requirements; and
- iv) I shall be accountable for any misleading information in any part of this report.

Alle Tan Siew Hooi

Signature

Name • IC / Passport No. 511222-07-5310 : Position : Subject Consultant Date 0 4 FEB 2015 :

LTL RESOURCES SDN BHD (431842-P)

I declare the following:

- I have conducted the study professionally using acceptable methodologies; i)
- ii) The study findings are correct to the best of my knowledge; and have not been altered in any manner;
- The mitigating measures proposed (whenever relevant) to the best of my iii) knowledge are reliable, practical and adequate to comply with the relevant legal requirements; and
- iv) I shall be accountable for any misleading information in any part of this report.

Signature	:	
Name	:	Ir. K. S. Ashita Pereira
IC / Passport No.	:	671021-01-5242
Position	:	Subject Consultant
Date	:	0 4 FEB 2015

**JA CONSULT** (001739339-W) 55, Jalan SS1/22, Kampung Tunku, 47300 Petaling Jaya, Selangor Darul Ehsan Tel: 012-653 2050 Fax: 03-7873 6717

0 4 FEB 2015

#### Proposed Light Rail Transit Line 3 From Bandar Utama to Johan Setia

I declare the following:

- i) I have conducted the study professionally using acceptable methodologies;
- ii) The study findings are correct to the best of my knowledge; and have not been altered in any manner;
- iii) The mitigating measures proposed (whenever relevant) to the best of my knowledge are reliable, practical and adequate to comply with the relevant legal requirements; and
- iv) I shall be accountable for any misleading information in any part of this report.

Tan Poh Aun

0 4 FEB 2015

Signature

Name

Date

: 730410-10-5329

IC / Passport No. Position

: EIA Consultant

:

SOx NOx ASIA SDN BHD (865994-K) 5-3 JALAN USJ 21/6 47630 UEP SUBANG JAYA SELANGOR, MALAYSIA TEL: (603)-8024 7928/0298 FAX:(603)-8024 4733

I declare the following:

- i) I have conducted the study professionally using acceptable methodologies;
- ii) The study findings are correct to the best of my knowledge; and have not been altered in any manner;
- iii) The mitigating measures proposed (whenever relevant) to the best of my knowledge are reliable, practical and adequate to comply with the relevant legal requirements; and
- iv) I shall be accountable for any misleading information in any part of this report.

ONT

Signature	:		
Name	:	Goh Shan Min	
IC / Passport No.	:	780626-02-5270	ERE CONSULTING GROUP SDN BHD (356985-X)
Position	:	EIA Consultant	9, Jalan USJ 21/6, 47630 Subang Jaya, Selangor Darul Ehsan, MALAYSIA Tel : (603) 80242287 Fax : (603) 80242320
Date	:	0 4 FEB 2015	

# Proposed Light Rail Transit Line 3 From Bandar Utama to Johan Setia

I declare the following:

- i) I have conducted the study professionally using acceptable methodologies;
- ii) The study findings are correct to the best of my knowledge; and have not been altered in any manner;
- iii) The mitigating measures proposed (whenever relevant) to the best of my knowledge are reliable, practical and adequate to comply with the relevant legal requirements; and
- iv) I shall be accountable for any misleading information in any part of this report.

		thro Bos Il	
Signature	:	)	
Name	:	Khoo Boon Keat	
IC / Passport No.	:	670426-10-5807	ERE CONSULTING GROUP SDN BHD (356985-X) 9, Jalan USJ 21/6, 47630 Subang Jaya,
Position	:	EIA Consultant	Selangor Darul Ehsan, MALAYSIA Tel : (603) 80242287 Fax : (603) 80242320
Date	:	0 4 FEB 2015	

I declare the following:

- i) I have conducted the study professionally using acceptable methodologies;
- ii) The study findings are correct to the best of my knowledge; and have not been altered in any manner;
- iii) The mitigating measures proposed (whenever relevant) to the best of my knowledge are reliable, practical and adequate to comply with the relevant legal requirements; and
- iv) I shall be accountable for any misleading information in any part of this report.

mm

Signature	:		
Name	:	lr. Azmi Bin Abu Kassim	
IC / Passport No.	:	650723-10-7325	ERE CONSULTING GROUP SDN BHD (356985-X) 9, Jalan USJ 21/6, 47630 Subang Jaya,
Position	:	Subject Consultant	Selangor Darul Ehsan, MALAYSIA Tel : (603) 80242287 Fax : (603) 80242320
Date	:	0 4 FEB 2015	

				Registration With DOE	h doe		Proposed Study	Signature
No.	Name	Qualification	Category	Area/Field	ID. No.	Valid Date	Area	
A.	EIA Study Team Leader	ı Leader				-		-
÷.	Raja Nur Ashikin Raja Zainal	B.Eng (Civil)	EIA Consultant	<ol> <li>Hydrology</li> <li>Water Quality</li> <li>General Environmental Management</li> </ol>	C0030	31 July 2016	• Team Leader	Flander
B.	EIA Team Member	Ser						
<del>~</del>	Dr. G. Balamurugan	B.Eng (Civil) M. Phil (Hydrology) PhD (Hydrology)	EIA Consultant	<ol> <li>Hydrology</li> <li>Water Quality</li> <li>General</li> <li>Environmental</li> <li>Management</li> </ol>	C0025	31 May 2016	Water Quality	Jose Concertainte
7	Prof. Ir. Dr. Mohd Salman Leong	B.Eng (Mechanical) PhD (Mechanical)	Subject Consultant	1. Noise and Vibration	SS0374	31 July 2018	<ul> <li>Noise and Vibration</li> </ul>	Jella-Charl

LIST OF EIA CONSULTANTS INVOLVED IN THE DEIA STUDY

Signature			Ma	- the	And a
Proposed Study Area			<ul> <li>Socio</li> <li>Economic</li> <li>Assessment</li> </ul>	<ul> <li>Traffic Impact Assessment</li> </ul>	<ul> <li>Air Quality</li> <li>Assessment</li> </ul>
	Valid Date		9 April 2018	31 Mei 2018	10 April 2017
DOE	ID. No.		SS0681	SS0706	C0104
Registration With DOE	Area/Field		1. Socio-Economic Studies	1. Traffic Studies	<ol> <li>Air Quality and Odour</li> <li>Chemical</li> <li>Processes</li> <li>Water Quality</li> <li>General</li> <li>Management</li> </ol>
	Category		Subject Consultant	Subject Consultant	EIA Consultant
Qualification		EIA Team Member (Cont'd)	PhD (Human Settlement), M.Sc. Social Science, B.Sc. Social (Economic)	B.Eng (Civil) MSc. (Transportation Planning)	B. Sc. (Chemistry) M.Tech (Environmental Management)
	Name		Dr. Tan Siew Hooi	Ir. K. S. Ashita Pereira	Tan Poh Aun
2	No.	ы	ri	4	ப்

LIST OF EIA CONSULTANTS INVOLVED IN THE DEIA STUDY (CONT'D)

Signature		Ing	Hand and	mill
Proposed Study Area		<ul> <li>Erosion and Sediment Assessment</li> </ul>	• Hydrology	<ul> <li>Geotechnical Assessment</li> </ul>
Valid Date		15 Jan 2017	30 Jun 2017	9 April 2018
ID. No.		C0034 CPESC (6578)	C0026	SS0704
Registration With DOE Area/Field ID. N		<ol> <li>Scheduled Waste Management</li> <li>Solid Waste Management</li> <li>Erosion &amp; Sediment Control</li> <li>General Environmental Management</li> </ol>	<ol> <li>Soil Erosion</li> <li>Control</li> <li>Hydrology</li> <li>General</li> <li>Environmental</li> <li>Management</li> </ol>	<ol> <li>Geotechnical Engineering</li> <li>Erosion and Sedimentation</li> </ol>
Category		EIA Consultant	EIA Consultant	Subject Consultant
Qualification	r (Cont'd)	B.Eng. (Environmental Engineering)	B.Eng (Civil)	B.Eng.(Civil), MSc. (Civil & Structural Engineering)
Name	EIA Team Member (Cont'd)	Goh Shan Min	Khoo Boon Keat	Ir. Azmi Bin Abu Kassim
No.	ы	ώ	7.	ထ်

LIST OF EIA CONSULTANTS INVOLVED IN THE DEIA STUDY (CONT'D)

LIST OF EIA ASSISTANTS INVOLVED IN THE DEIA STUDY (CONT'D)

Cicanoturo	oigriature	· · ·	J.	A
Supervised By		Prof. Ir. Dr. Mohd Salman Leong	Dr. Tan Siew Hooi	Goh Shan Min
Proposed	Study Area	<ul> <li>Noise and Vibration Assessment</li> </ul>	<ul> <li>Socio</li> <li>Economic</li> <li>Assessment</li> </ul>	<ul> <li>Erosion and Sediment Assessment</li> </ul>
	ID. No.	AC1310	AC0033	AC0871 CPESC (7931)
Registration With DOE	Area/Field	<ol> <li>Water Quality</li> <li>Wastewater</li> <li>Woise and</li> <li>Vibration</li> <li>Soil Erosion</li> </ol>	1. Socio- Economic Studies	<ol> <li>Water Quality</li> <li>Hydrology</li> <li>General Environmental Management</li> </ol>
Re	Category	Assistant Consultant	Assistant Consultant	Assistant Consultant
Name Qualification		B.Eng (Environmental)	Dip. (Human Development) B.Sc (Human Development)	B.Eng (Civil) (Environmental)
		Tobias Javan Yangus	Cheong Chai Yen	Kevin Quah Wenjie
	N0.	~	N	n

		<u> </u>		
	signature	it.	12 July	N.
	supervised by	Tan Poh Aun	Tan Poh Aun	Dr. G. Balamurugan
Proposed Study Area		<ul> <li>Air Quality Assessment</li> </ul>	<ul> <li>Air Quality Assessment</li> </ul>	<ul> <li>Water Quality</li> </ul>
	ID. No.	AC1308	AC1153	AC0842
Registration With DOE	Area/Field	<ol> <li>Air Quality and Odour</li> <li>Water Quality</li> <li>Quantitative Risk</li> <li>Assessment</li> <li>Chemical</li> <li>Process</li> </ol>	<ol> <li>Noise and Vibration</li> <li>Air Quality and Odour</li> <li>General</li> <li>Environmental</li> <li>Management</li> </ol>	<ol> <li>Water Quality</li> <li>Ecological</li> <li>Studies</li> <li>General</li> <li>Environmental</li> <li>Management</li> </ol>
Re	Category	Assistant Consultant	Assistant Consultant	Assistant Consultant
Name Qualification		B.Eng (Chemical Engineering)	B. Science (Environmental Science)	M. Sc. (Environmental Assessment and Monitoring) B. Sc. (Hons) Conservation Biology
		Wan Mujahid bin Wan Hamidon	Amir Irfan Sufi B. Shuib	Yong Hui Lin
	NO.	<u>ى</u>	Ö	7.

LIST OF EIA ASSISTANTS INVOLVED IN THE DEIA STUDY (CONT'D)