

Our reference: 19-10-8596

Date: 5/11/2019

**INVOICE NO. 8596**

**Hui Wang Enterprise Pte Ltd**  
c/o Hui Wang Enterprise Pte Ltd  
Blk 5 Defu Lane 10  
#01-576  
Singapore 539186

Registration No. **GBG7126P**

We enclose our fee note for your kind attention, which remains payable irrespective of the outcome of this case.

S/No.	Description of Services Provided	Qty	Amount
1	Being vehicle damage assessment report, inspection, photographs, transport and miscellaneous.	1	\$ 527.00
Total amount			<u><u>\$ 527.00</u></u>

Please kindly cross all cheques made payable to "Impact Analysis Consultant".

We thank you in anticipation for your prompt payment.



**L. L. Tan (Ms)**  
Principal Consultant



Our reference: 19-10-8596

Date: 5/11/2019

c/o Hui Wang Enterprise Pte Ltd  
Blk 5 Defu Lane 10  
#01-576  
Singapore 539186

Dear Sirs

**RE: Road Traffic Accident on 11/10/2019  
Hui Wang Enterprise Pte Ltd**

In accordance with your instructions received in this office on **14/10/2019**, we made arrangements to examine the vehicle on **14/10/2019** at above-mentioned address. The following data was recorded:

#### Vehicle details

<b>Make</b>	Toyota	<b>Registration</b>	GBG7126P
<b>Model</b>	Hiace	<b>Chassis</b>	JTFHT02P500234551
<b>Colour</b>	Silver	<b>Gearbox</b>	Manual
<b>Odometer</b>	88346km	<b>Paintwork</b>	Good
<b>Steering</b>	In order	<b>Brakes</b>	In order
<b>Condition</b>	Good		

#### Tyre Depths

Front left	195R15C	90% Delium
Front right	195R15C	90% Delium
Rear left	195R15C	85% Bearway
Rear right	195R15C	85% Bearway

#### Impact Direction & Area of Damage:



<b>Status</b>	REPAIRABLE
<b>Magnitude</b>	Medium
<b>Legal status</b>	Unroadworthy

Following our examination of the accident damage, we have calculated repair times and method, which are detailed on page 2 & 3. We would recommend a sum of **\$4,700.00** and **7** working days for repair, which is sufficiently lower than the pre accident value to render the vehicle an economically and physically reliable proposition.

#### Subsidiaries of Impact Analysis Consultant:

• Impact Analysis Consulting Pte Ltd • Impact Analysis Academy Pte Ltd • IA Racking Solutions Pte Ltd  
• IA Accounting & Consultancy Pte Ltd • Infoknights International Services (Philippines) • IABN Pte Ltd  
[www.iaconsultingsg.com](http://www.iaconsultingsg.com)



Our reference 19-10-8596

Date 5/11/2019

Page 2

### Section A: Damaged Parts Assessment

Part's Description	Qty	Condition As Inspected	Repairer's Estimate	Our Adjustment
<b>List Items:</b>				
Tail gate	1	bent	2154.00	2154.00
Tail gate inner trim	1	intact	325.80	0.00
Tail gate inner lock	1	damaged	341.20	341.20
Tail gate outer garnish	1	intact	185.90	0.00
Tail gate logo	1	necessary	63.70	63.70
Tail gate weatherstrip	1	ripped	215.80	215.80
Tail gate emblem 'HIACE'	1	necessary	48.90	48.90
Rear bumper	1	deformed	498.50	498.50
Rear bumper side retainer @\$65.20	2	lh necessary rh reuse	130.40	65.20
Rear tail lamp lh	1	damaged	265.50	265.50
Rear tail lamp lower garnish @\$115.80	1	lh bent	115.80	115.80
Rear tail lamp lower garnish bracket lh	1	bent	41.90	41.90
Rear end panel outer	1	repair	750.60	0.00
Rear end panel inner	1	repair	445.80	0.00
Rear spare tyre bracket	1	distorted	398.50	398.50
<b>Sub- Total cost</b>			<b>5982.30</b>	<b>4209.00</b>
Percentage discount : 25%			<b>1495.58</b>	<b>1052.25</b>
<b>Sub-Total costs for parts</b>			<b>4486.73</b>	<b>3156.75</b>

#### **Special Nett Items:**

Rear bumper clips	1 set	necessary	40.00	40.00
Tail gate sticker 8 pax	1	necessary	20.00	20.00
Tail gate sticker 70km/h	1	necessary	20.00	20.00
Tail gate windscreen sealant	1	necessary	50.00	50.00
Reverse sensor	1	malfunction	250.00	250.00
<b>Sub-Total costs for parts</b>			<b>380.00</b>	<b>380.00</b>

Our reference 19-10-8596

Date 5/11/2019

**Parts Repair**

*	*	*	0.00	0.00
<b>Sub- Total costs</b>			0.00	0.00
<b>Total costs for parts</b>			<b>4866.73</b>	<b>3536.75</b>



Our reference 19-10-8596

Date 5/11/2019

Page 3

### Section B: Labour Cost Calculation

	Hourly rate	Manhr. Req.	Total
To dismantle, replace, cut, weld, knock out dents to straighten accident parts as-mentioned on the 'Parts Repair' column inclusive of replacement parts.	\$ 45.00	22	\$ 990.00
Putty & Spray painting to adjacent panels. Job allowance. Paint / material.	Sub-contract work.		\$ 600.00
Apply rust proofing on the adjacent panels.	Sub-contract work.		\$ 40.00
Wiring and bulb checking	\$ 45.00	0.5	\$ 22.50
Remove and refix tailgate rear windscreen glass. (2-man job)	\$ 45.00	3	\$ 135.00
Remove and replace rear bumper reverse sensor & conduct distance safety setting.	\$ 45.00	1.7	\$ 76.50
Transfer of existing tailgate mechanism to new tailgate	\$ 45.00	1.8	\$ 81.00
<b>Total labour cost</b>			<b>\$ 1,945.00</b>

Manhour rate and the number of manhours required for each repairing task are formulated based on individual workshop's operating cost and in-house@ IA Research Guidelines respectively.

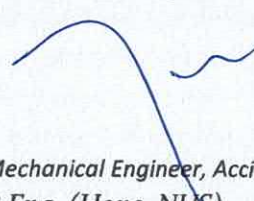
Our reference 19-10-8596

Date 5/11/2019

### Section C: Summary Table of Total Repair Cost

Description		Cost	
<b>Damaged Parts Assessment (See section A)</b>		<b>\$3,536.75</b>	
Further discount		\$707.35	
	<b>20%</b>		
Recommended cost of parts		<b>\$2,829.40</b>	(1)
<b>Labour Cost Calculation (See section B)</b>		<b>\$1,945.00</b>	(2)
<b>Total Repair Cost (Round off to hundred)</b>		<b>\$4,700.00</b>	(1) + (2)

We would recommend a sum of **\$4,700.00** and **7** working days for repair.  
No further items will be approved without our expressed written agreement. Any significant additional items will be subject to a supplementary report.

  
Mechanical Engineer, Accident Expert Witness, Licensed Appraiser (Automobile)  
B.Eng. (Hons, NUS)  
Diploma.Mechanical Engineering  
NTC-2 Automovite Technology  
Sr.MIES, Institution of Engineers, Singapore (#20100091)  
MATAI, Maryland Association of Traffic Accident Investigators  
IAARS, International Association of Accident Reconstruction Specialists  
PMC of Singapore Business Advisors & Consultants Council

#### Subsidiaries of Impact Analysis Consultant:

• Impact Analysis Consulting Pte Ltd • Impact Analysis Academy Pte Ltd • IA Racking Solutions Pte Ltd  
• IA Accounting & Consultancy Pte Ltd • Infoknights International Services (Philippines) • IABN Pte Ltd  
www.iaconsultingsg.com



































