

**CARLINK CONSULTANCY**

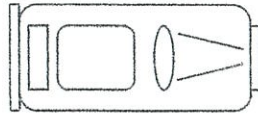
60 Hillside Drive  
Singapore 549009

Tel : 62856178

Fax : 62874788

**ACCIDENT VEHICLE INSPECTION / ASSESSMENT REPORT**

Our Ref: CL 12145 XD 1698 A

<b>1 REFERENCE</b>			
Date of request	: 24th November 2020		
Requested by	: M/S Eng Hup Engineering Pte Ltd & M/S Kurup & Boo		
Type of claim	: Third party		
Place of Survey	: 29 Sungei Kadut Street 4, Singapore 729054		
Date of survey	: 24th November 2020		
Accident date	: 4th November 2020		
<b>2 DETAILS OF VEHICLE</b>			
Registration No.	: XD 1698 A		
Make & Model	: Isuzu CYZ fitted with a truck mounted attenuator		
Year of registration	: N.A		
Engine No.	: N.A		
Chassis No.	: JALCYZ52 L777000095		
Transmission	: Manual		
Speedometer reading	: 538314 Km		
Colour	: White		
<b>3 STATIC CHECK</b>			
Steering	: In order	Paintwork	: Good
Footbrake	: In order	Modification	: Nil
Handbrake	: In order	General condition	: Good
<b>4 TYRE CONDITION</b>			
	<u>Nearside/Make</u>	<u>Offside/Make</u>	<u>Size</u>
Front axle	: 9mm/Westlake	9mm/Westlake	: 295/80 R22.50
Centre axle	: 8mm/Kuang Qulu	8mm/Kuang Qulu	: 295/80 R22.50
Rear axle	: 8mm/Vikrant	8mm/Vikrant	: 10.00-20
<b>5 POINT OF IMPACT</b>			
See Annex(es) and Motor Accident Reports			
The point of impact was onto the truck mounted attenuator			
<b>6 REMARK</b>			
NOT APPLICABLE			

## CARLINK CONSULTANCY

XD 1698 A fitted with a truck mounted attenuator

### Annex C: Recommendation

#### REMARK:-

- 1) Refer to the vehicle No. XD 1698 A fitted with a truck mounted attenuator ("TMA"). I was instructed to survey by Eng Hup Engineering Pte Ltd/M/S Kurup & Boo on 24th November 2020 at 29 Sungei Kadut Street 4, Singapore 729054. The above vehicle No. XD 1698 A with the TMA have sustained serious damages.  
(See Photos attached).
- 2) A TMA is actually a piece of safety equipment; usually fitted onto the the rear side of a heavy lorry (collectively "**a TMA Lorry**"). A TMA Lorry is usually deployed in connection with road works being carried out on expressways or on roads with a speed limit of 70km/h in Singapore.
- 3) Whenever it is deployed, the TMA Lorry acts as a safety equipment for the workers carrying the road works in front of the TMA Lorry.
- 4) In the event of an offending vehicle colliding onto the TMA, the TMA usually act as a big safety bumper. It acts as a safety equipment to prevent or to reduce serious injuries to the driver or to the front seat passenger(s) travelling inside the offending vehicle.
- 5) The use of any TMA on public roads in Singapore is regulated by the Land Transport Authority ("the LTA"). To do so (and for other purposes), the LTA issued the July 2019 Edition of the Code of Practice for Traffic Control at Work Zone.
- 6) Going by the stringent requirements of the LTA, I am of the professional opinion that the badly damaged TMA that was mounted onto the rear side of the vehicle no. XD 1698 A has to be treated as a "total loss". In other words, it cannot be repaired for use as a piece of safety equipment again.

Yours faithfully,

CARLINK CONSULTANCY



PATRICK NG

Automotive Engineer Assessor

MIMI, MIRTE, LCGI, I ENG, LAE, CGLI FTC.





CLASSIS NO: JALCYZ52 L77000095  
V : 11340KG  
-W : 28000KG  
S CAP : 02  
E SIZE : F 295-80R-22-5(S)  
: R 295-80R-22-5(D)x2





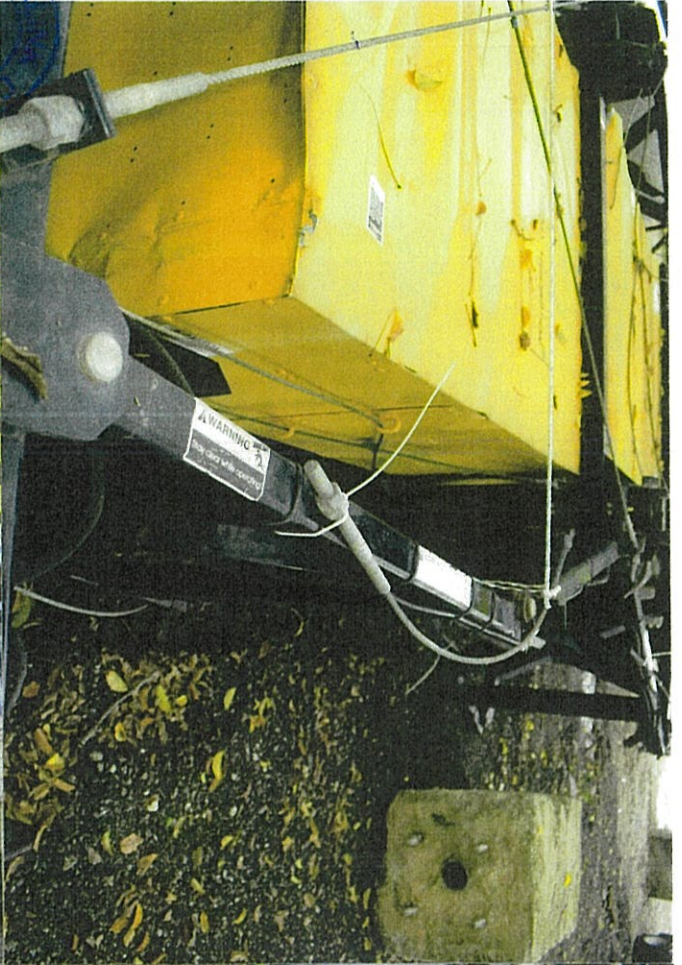
CARL  
AGENCY



CARLINK  
CONS

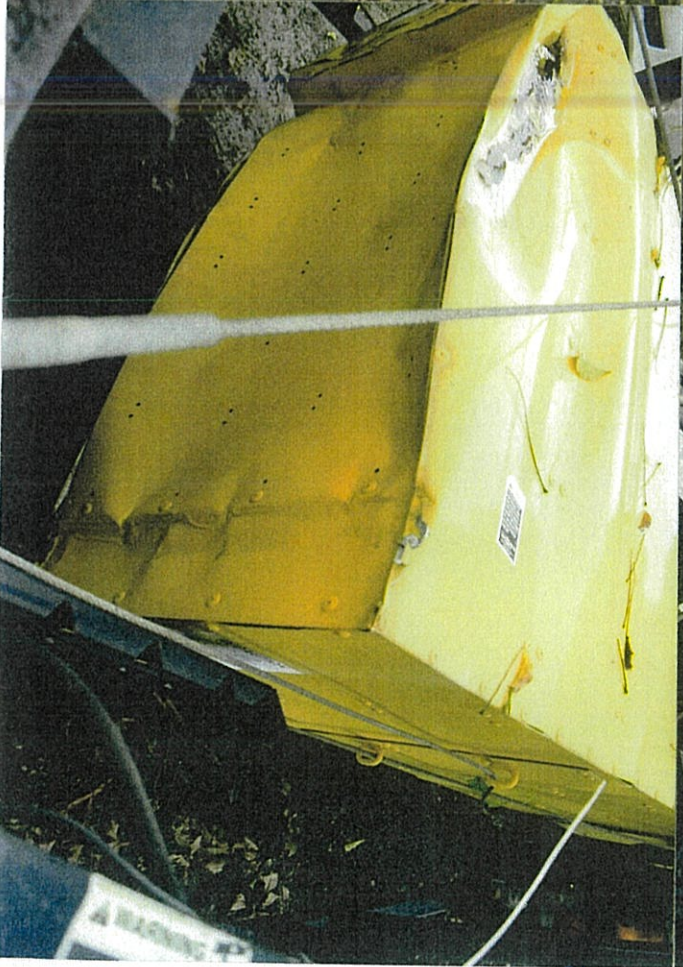


BY CAR



LINK CONS













**INOPAVE** GROUP PTE LTD  
No: 96, Lorong M, Telok Kurau  
Singapore 425401  
Tel: 65-6284 8551 Fax: 65-6285 8106  
<http://www.inopave.com>

Co. Reg. No. : 200302075E  
GST Reg. No.: 20-0302075-E

**QUOTATION : IN-LQ/0305/0861**

(Please refer to this number in all correspondence)

To:				
<b>Eng Hup Engineering Pte Ltd</b>				
27 Woodlands Industrial Park E1				
Hiang Kie Industrial Building				
#04-16 Singapore 757718				
T: 63679079 F: 67640364				
Attention: Mr. Albert , Miss Jean Tan				
<b>Expected Delivery Time</b>		<b>Term</b>	<b>Date</b>	
4 working days		COD	08/12/2020	
<b>Item</b>	<b>Description</b>	<b>Qty</b>	<b>Unit Prices (SGD)</b>	<b>Amount (SGD)</b>
1	Supply & Install Scorpion 2, Model 10,000 Truck Mounted Attenuator - Specification <b>Test Level 3</b> with 90 degrees tilt for transport modes - Conforming and passed AASHTO's MASH, Test Level 3-50, 3-51, 3-52 and 3-53	01	49,000.00	49,000.00
<b>SGD: Forty-Nine Thousand Only</b>				
			<b>Total (SGD)</b>	<b>49,000.00</b>

E. & O.E


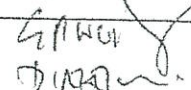

Validity : Thirty (30) days from the date of issue of this quotation.  
GST : 7%

Please sign and return the duplicate copy of the quotation to us as confirmation of your acceptance. Your order will be processed promptly. Thank you.

Prepared By :

Accepted By :

Name : Louis Chia  
Designation : Sales Executive

Name :   
Designation :   
Date :   
Company Stamp:








DELIVERY ORDER NO.: IN/LD/0503/0658

Attention: Mr. Albert , Miss Jean Tan

Received the good in good order & condition.  
GOODS SOLD ARE NOT REFUNDABLE.

  
AUTHORISED SIGNATURE

Helen Ooi  
Admin Manager





**INOPAVE** GROUP PTE LTD  
No: 96, Lorong M, Telok Kurau  
Singapore 425401  
Tel: 65-6284 8551 Fax: 65-6285 8106  
<http://www.inopave.com>

Co. Reg. No. : 200302075 E  
GST Reg. No.: 20-0302075-E


TAX INVOICE NO.: IN/LI/0305/0658

To : <b>Eng Hup Engineering Pte Ltd</b> 27 Woodlands Industrial Park E1 Hiang Kie Industrial Building #04-16 Singapore 757718 T: 63679079 F: 67640364  Attention: Mr. Albert , Miss Jean Tan				
<b>Your Approved Reference</b>		<b>Term</b>		<b>Date</b>
		COD		31/12/2020
<b>Item</b>	<b>Description</b>	<b>Qty</b>	<b>Unit Prices (SGD)</b>	<b>Amount (SGD)</b>
1	Supply & Install new <b>Scorpion 2</b> , Model 10,000 Truck Mounted Attenuator S/N: M 02723 for truck: XE 5957X  - Specification <b>Test Level 3</b> with 90 degrees tilt for transport modes - Conforming and passed <b>AASHTO's MASH</b> , Test Level 3-50, 3-51, 3-52 and 3-53 - Date of manufacturer Oct 2020	01	49,000.00	49,900.00
<b>SGD: Fifty-Two Thousand, Four Hundred &amp; Thirty Only.</b>				

Sub-Total : \$49,000.00  
7% GST : \$ 3,430.00  
**Total : \$ 52,430.00**

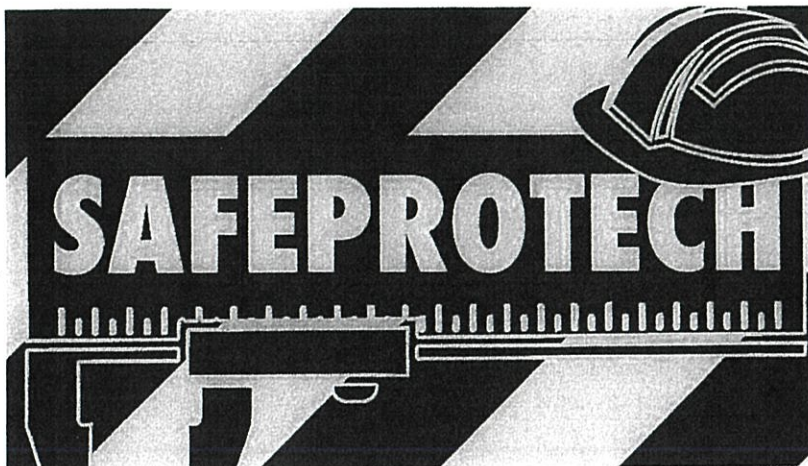
**E. & O.E**

ANY COMPLAINTSON ON THE INVOICE SHOULD BE LODGED WITHIN 7 DAYS.  
INTEREST AT 2% PER MONTH WILL BE CHARGED ON OVERDUE ACCOUNT  
Payment to be made payable to "INOPAVE GROUP PTE LTD"


<b>Authorized Signature</b>

**Louis Chia**  
Admin Executive





**SAFEPROTECH MANAGEMENT PTE LTD**

**35 WOODGROVE AVE**

**SINGAPORE 738231**

**CO REG NO: 202012496W**

**GST REG NO: 202012496W**

**CONTACT: +65 63518288**

**EMAIL: ADMIN@SAFEPROTECH.COM.SG**

**TO: MS JEAN TAN**  
**ENG HUP ENGINEERING PTE LTD**  
**27 WOODLANDS IND PARK E1**  
**S(757718)**  
**TEL: 63679079**

QUOTATION FOR SUPPLY & INSTALL OF

DESCRIPTION	QTY	PRICE	TOTAL
SUPPLY & INSTALL ONE NEW SET OF SS180M TMA	1.00	\$65,000	\$ 65,000

**Total: \$65,000**

**Terms & Conditions:**

- 1.Expected delivery time to be 4-6 months
- 2.Payment: 30% upon confirmation, 70% cash on delivery
- 3.Items quoted in the quotation are according to LTA standard requirements
- 4.Any items not stated in the quotation are not included
- 5.Any parts of the existing TMA that do not meet the LTA requirements has to be replaced & the cost shall be borne by you
- 6.Any mechanical parts of the existing TMA that are damaged & needs to be repaired/replaced, the fee shall be charged to you at cost price plus a 10% admin fee
- 7.Any items stated in the quotation that is not done, will not be charged
- 8.The above quotation is subjected to 7% GST

E. & O.E

Validity: 30 days from the date of issue of this quotation.

Prepared By:

Accepted By:

Name: Amanda Wong  
Designation: Marketing Specialist  
Date: 17/11/2020

Name:  
Designation:  
Date:  
Company stamp:





10 Sin Ming Drive Singapore 575701  
www.lta.gov.sg

10 Nov 2020

Our ref 1011202301N021001283

PARKING PLACE ENTERPRISE  
20 PARRY VIEW  
SINGAPORE 547080

Dear Sir/Madam

**APPROVAL LETTER - APPLICATION FOR DRAWINGS APPROVAL**

Please refer to the Application No. 202008184359D submitted on 18 Aug 2020.

**Applicant Name/ Company Name** : SAFEPROTECH MANAGEMENT PTE. LTD.

2. We are pleased to inform you that your application for the following drawing(s) has/ have been approved.

SPM-20-01

3. The Approval Code is 202008184359D1 and valid before 10 Nov 2023.

Please inform the owner/operator on the following conditions:

(1) The operation of the shadow vehicle with attached SAFE STOP SS180 TMA is subjected to the GOVERNANCE and CLEARANCE by the Road Asset Regulation & Licensing Division (RARL).

(2) The owner/operator shall -

(a) comply with all requirements set by the RARL; and ensure the operations do not cause any danger to the vehicle occupants or other road users; and

(b) detach the TMA and reinstate the vehicle to its original condition when the vehicle is not used as a Shadow Vehicle for road works.

(3) The driver shall EXERCISE CARE WHEN TURNING AROUND CORNERS/BENDS; and give due consideration for other road users at all times.

(4) All installation works of the TMA shall be performed by the manufacturer or their appointed agents in accordance with the manufacturer installation procedures and with sound engineering practice.

(5) The TMA shall be fitted with an integral trailer lighting system including brake lights, tail lights, signal lights, reverse lights, licence plate and licence plate lights (if the original licence plate mounted to the truck is obscured by the TMA), and etc, that is clearly visible to other road users.

(6) The TMA shall be in the folded position when the shadow vehicle is driven to and from the work deployment area. This is taken into consideration the TMA, in the horizontal position, will substantially increase the rear overhang of the vehicle and affects the vehicle manoeuvrability.



(7) Ensure the RARL-required warning devices and retro-reflective markings are installed in accordance with the latest Code of Practice for Traffic Control at Work Zone, prior to the vehicle deployment.

(8) Seek RARL's approval to confirm that the TMA complies with the mandatory requirements as stated in the NCHRP 350 Report TL-3.

4. Please use the designated Approval Code for subsequent applications (if applicable) for registration or any other applications requiring this code.

5. You may contact WONG YUEN KEAT DANIEL at 65535267 if you have any questions.

6. Thank you for using VITAS.

Yours sincerely

Assistant Registrar of Vehicles  
Vehicle Approval & Control Division  
Land Transport Authority

[This is a computer-generated letter, no signature is required.]

Road Safety Reminder: Please drive safely and look out for fellow road users, including cyclists. Let's keep everyone safe on our roads!





2525 N. Stemmons Freeway, Dallas Tx 75207, USA  
Tel. +1 214 589 8140 Fax +1 214 589 8423  
Singapore: Tel. +65 6276 3398 Fax. +65 6276 6218

July 1, 2020

TO WHOM IT MAY CONCERN

**RE: AUTHORISED DISTRIBUTOR FOR SINGAPORE FOR THE SUPPLY AND INSTALLATION  
OF ENERGY ABSORPTION SYSTEM'S SS180 & SS180M TRUCK MOUNTED ATTENUATORS**

With reference to the above, we would like to confirm that Messrs. **Safeprotech Management Pte Ltd (202012496W)** of 35 Woodgrove Ave Singapore, S738231 is the **EXCLUSIVE** authorized distributor in the territory of Singapore for SS180 & SS180M models of Truck Mounted Attenuators (TMA's) manufactured by Trinity Highway Products, LLC.

Should you have any questions concerning the foregoing, please do not hesitate to contact the undersigned at the contacts provided hereon.

Yours sincerely,  
**Trinity Highway Products International**

A handwritten signature in black ink, appearing to read "Andreas Wee", written over a horizontal line.

Andreas Wee  
Director of Sales, Asia Pacific



# TN SAFETY PTE LTD

1090 LOWER DELTA ROAD #01-03  
SINGAPORE 169201  
TEL: 62767997 FAX: 62727261  
E-MAIL: tnsafetypl@gmail.com  
GST REG NO.: 201806429M  
CO REG NO.: 201806429M

TO: ENG HUP ENGINEERING PTE LTD  
27 WOODLANDS INDUSTRIAL PARK E1  
#04-16 HIANG KIE INDUSTRIAL BUILDING  
SINGAPORE 757718

TAX INVOICE : INV 00210311

DATE : 12/11/2019  
P/O :  
D/O : 00290358  
TERMS : 30 Days  
SALESMAN CODE :  
PAGE NO. : 002

ATTN : ACCOUNTS DEPARTMENT  
TEL/FAX : 6367 9079/6764 0364

NO.	DESCRIPTION	QTY	UOM	UNIT-PRICE	AMOUNT
				SGD	SGD
006	2400 X 1200MM X 1.5MM "CHEVRON" FLUORESCENT YELLOW GREEN TYPE 11 WIDE ANGLE PRISMATIC REFLECTIVE PANEL C/W WATERMARK	✓ 1.00	UNIT	480.00	480.00
007	INSTALLATION CHARGE FOR ABOVE ONTO YOUR EXISTING TRUCK	✓ 1.00	PCS	80.00	80.00
008	SUPPLY OF METAL BRACKET FOR ABOVE CHEVRON PLATE	✓ 1.00	PCS	120.00	120.00
009	1220 X 485MM X 0.9MM "DANGER KEEP CLEAR" ASTM FLO-YELLOW GREEN TYPE XI WIDE ANGLE PRISMATIC REFLECTIVE SIGN PLATE	✓ 1.00	PCS	133.00	133.00
010	1220 X 570MM X 0.9MM "SPLIT CHEVRON" ASTM FLO-YELLOW GREEN TYPE XI WIDE ANGLE PRISMATIC REFLECTIVE SIGN PLATE	✓ 1.00	PCS	148.00	148.00
011	TO LAMINATE 2335 X 735MM ASTM FLO-YELLOW GREEN TYPE XI WIDE ANGLE PRISMATIC REFLECTIVE STICKER ON STRIKE PLATE	✓ 1.00	PCS	380.00	380.00

REMARKS: PLEASE REFER TO BELOW FOR THE  
SPECIAL DISCOUNT ALLOWED

SUB-TOTAL 6,816.00  
LESS DISCOUNT 250.00  
ADD 7.00% GST 459.62  
TOTAL 7,025.62

SINGAPORE DOLLARS SEVEN THOUSAND TWENTY FIVE AND CENTS SIXTY TWO ONLY.

ALL CHEQUES SHOULD BE CROSSED  
'A/C PAYEE ONLY' & MADE PAYABLE TO  
TN SAFETY PTE LTD

TN SAFETY PTE LTD

PAID  
21 JAN 2020  
DBS 027137  
Full now

For TMA!

E. & O.E

5-2500 648  
- 11/11/2019 to 14/1/2020  
Cm  
JAN 18 2019  
64018



# TN SAFETY PTE LTD

1090 LOWER DELTA ROAD #01-03

SINGAPORE 169201

TEL: 62767997 FAX: 62727261

E-MAIL: tnsafetypt@gmail.com

GST REG NO.: 201806429M

CO REG NO.: 201806429M

BILL TO : ENG HUP ENGINEERING PTE LTD  
27 WOODLANDS INDUSTRIAL PARK E1  
#04-16 HIANG KIE INDUSTRIAL BUILDING  
SINGAPORE 757718

DELIVER TO :  
SELF COLLECTION

DELIVERY ORDER : 00290358

DATE : 23/10/2019

P/O :

TERMS : 30 Days

SALESMAN CODE :

PAGE NO. : 002

UVV

210311

NO.	STOCK-CODE	DESCRIPTION	QTY	UOM
006	CUSTOM	2400 X 1200MM X 1.5MM 'CHERVON' FLUORESCENT YELLOW GREEN TYPE 11 WIDE ANGLE PRISMATIC REFLECTIVE PANEL C/W WATERMARK	1.00	UNIT
007	CUSTOM	INSTALLATION CHARGE FOR ABOVE ONTO YOUR EXISTING TRUCK	1.00	PCS
008	CUSTOM	SUPPLY OF METAL BRACKET FOR ABOVE CHERVON PLATE	1.00	PCS
009	TMA-DKC	1220 X 485MM X 0.9MM "DANGER KEEP CLEAR" ASTM FLO-YELLOW GREEN TYPE XI WIDE ANGLE PRISMATIC REFLECTIVE SIGN PLATE	1.00	PCS
010	TMA-CHEVRON	1220 X 570MM X 0.9MM "SPLIT CHEVRON" ASTM FLO-YELLOW GREEN TYPE XI WIDE ANGLE PRISMATIC REFLECTIVE SIGN PLATE	1.00	PCS
011	CUSTOM	TO LAMINATE 2335 X 735MM ASTM FLO-YELLOW GREEN TYPE XI WIDE ANGLE PRISMATIC REFLECTIVE STICKER ON STRIKE PLATE * TRUCK NO: XD 1698 A	1.00	PCS

RECEIVED IN GOOD ORDER AND CONDITION

TN SAFETY PTE LTD

XD 1698 A Samy EH 805

97792863. & O.E

*Samy de*  
*ALBERT*  
*24/01/8*



# TrafficNetwork

make our roads safer

## TRAFFIC NETWORK PTE LTD

1090 LOWER DELTA ROAD #02-01/02  
TIONG BAHRU INDUSTRIAL ESTATE  
SINGAPORE 169201  
TEL : 6276 7997 FAX : 6272 7261  
WEBSITE : www.trafficnetwork.com.sg  
EMAIL : sales@trafficnetwork.com.sg  
CO. REG NO : 200711903C  
GST REG NO : 200711903C

TO: ENG HUP ENGINEERING PTE LTD  
27 WOODLANDS INDUSTRIAL PARK E1  
#04-16 HIANG KIE INDUSTRIAL BUILDING  
SINGAPORE 757718

ATTN : ACCOUNTS DEPT  
TEL/FAX : 63676524/67640364

### TAX INVOICE : INV 00011746

DATE : 30/07/2009  
P/O :  
D/O : 91666  
TERMS : 30 Days  
SALESMAN CODE :  
PAGE NO. : 001

NO.	DESCRIPTION	QTY	UOM	UNIT-PRICE	AMOUNT
				SGD	SGD

ORDERED BY: MR WONG SOON PENG

TO SUPPLY & INSTALL:

SAFE-STOP (TMA'S) 180  
TRUCK MOUNTED ATTENUATORS (PASSED  
NCHRP 350 TEST LVL 2 & 3 - 6 TESTS)  
C/W HYDRAULICS LIFT UP

1.000 UNIT 38000.00 38,000.00

610 x 1220MM LEDS FLASHING ARROW  
BOARD (4" DIAMETER)

1.000 UNIT

400 SERIES 24V XENON STROBE LIGHT

2.000 PCS

TO WELD, SUPPLY SUPPORTING FRAME,  
INSTALLATION & WIRING

1.000 UNIT

**POSTED**

TERMS: 1ST PAYMENT-40% DEPOSIT  
2ND PAYMENT-40% UPON ARRIVAL OF  
GOODS IN S'PORE  
3RD PAYMENT-20% UPON INSTALLATION  
OF TMA ONTO YOUR  
VEHICLE & COLLECTION  
OF YOUR VEHICLE

BY: *DBS 012235*  
\$14,766/-

BY: *DBS 012310*

\$22,149/-

SUB-TOTAL	38,000.00
LESS DISCOUNT	3,500.00
ADD 7.00% GST	2,415.00
TOTAL	36,915.00

SINGAPORE DOLLARS THIRTY SIX THOUSAND NINE HUNDRED FIFTEEN ONLY.

ALL CHEQUES SHOULD BE CROSSED  
'A/C PAYEE ONLY' & MADE PAYABLE TO  
TRAFFIC NETWORK PTE LTD

TRAFFIC NETWORK PTE LTD



E. & O.E

*(Signature)*  
Signature

*(Signature)*  
Authorised Signature