

## PURCHASE ORDER

To  
Supplier : JNP Trading Wll  
Address: Doha, Qatar  
Tel.: 3303 6683  
Email: tareq@jnpqatar.com  
Attention: Mr. Tarek

Date: 20-Dec-23  
P.O. Number: AUTO MEDIA/0168  
Delivery Date: 20-Dec-23  
P.O. Serial: AM-0168  
Request No.:

Delivery To  
Location: Industrial Area  
Contact: Bader  
Tel.: 6624 5112  
Fax:

S.No.	Material Description	Unit	Qty	Unit Rate	Amount
1	HIP Reflective Sticker 1.22x45.7m	Roll	4	3,562.50	14,250.00

Total Amount (QR) 14,250.00  
Discount Amount (QR)  
Net Amount (QR) 14,250.00

### ATTACHMENTS :

### GENERAL TERMS & CONDITIONS :

- 1 PRICE BASED ON QUOTATION NO dg/jh/2023/022 DATED 17/12/23.
- 2 DELIVERY: TO COLLECT BY US.
- 3 PAYMENT: CDC AGAINST DELIVERY & INVOICE TO BE ISSUED WITH DELIVERY OF THE MATERIAL.
- 4 AUTO MEDIA RESERVES IT'S RIGHT TO MODIFY QUANTITY AS MENTIONED IN THIS LPO AT ANY POINT OF TIME
- 5 AND / OR TO CANCEL THIS LPO, IF REQUIRED.
- 6 KINDLY ACKNOWLEDGE THE RECEIPT & ACCEPTANCE OF THIS LPO BY RETURN.  
# MR NO-0020 - FOR QAF AL UDIED SIGNAGES.

Prepared By

Reviewed By

Approved by

DATE: 6-Dec-23

No. 0020

Project : ~~At-Adel~~ OAF VS AERY-CAR PARK

Requestor : Dealer

Purpose : Signages

SIGNATURE : 

Approval

General Manager :

Project Manager :

Verified By Technical:

HAB



Sl.	Material Description	Unit	Total Requested Qty.	Budget Qty.	Available Stock Qty.	Balance Requested Qty.	Remarks
1.	White reflective HTP grade 1.22x45m	Roll	1	0	1	1	Urgent
2.	Blue Reflective HTP grade 1.22x45m	Roll	1	0	1	1	Kindly - preferable
3.	Red Reflective HTP grade 1.22x45m	Roll	1	0	1	1	Cash payment.
4.	Black Reflective HTP grade. 1.22x45m	Roll	1	0	1	1	
	* Avery or 3M					7	

Proposed Suppliers:

3M Dealer:- Signtrade.

Avery Dealer:- Sig Trip Brady.

Justification if Required.

This is Required as old stickers

Cannot be reused. (HTP) Required.

Reserved for Procurement Department

Note : Requisition should be submitted 5 days before to the procurement dept. In order to get the material on time.

Note : Please mention the previous requisition no. & date if it is already requested the same material.



REQUEST : 0020

DATE 20-Dec-23

FORM NO. F028, REV1, DATED 1st JAN. 2014

To, Date: 19/12/2023  
Ref: ST/3M-HIP/5256892

ALCAT CONTRACTING CO.  
DOHA-QATAR  
Attn: Mr. HANEEF

## QUOTATION

No.	Description	Qty	Price(QAR)	Total(QAR)
1.	3M- HIGH INTENSITY GRADE REFLECTIVE STICKER -WHITE (3930) SIZE: 48" X 50 YDS MADE: GERMANY	1 ROLL	4,650.00	4,650.00
2.	3M- HIGH INTENSITY GRADE REFLECTIVE STICKER -RED (3932) SIZE: 48" X 50 YDS MADE: GERMANY	1 ROLL	4,650.00	4,650.00
3.	3M- HIGH INTENSITY GRADE REFLECTIVE STICKER -BLUE (3935) SIZE: 48" X 50 YDS MADE: GERMANY	1 ROLL	4,650.00	4,650.00
<b>Total QAR: THIRTEEN THOUSAND NINE HUNDRED FIFTY ONLY</b>				<b>13,950.00</b>

Availability : Ex-Stock Doha

Terms of Payment : Cash/Cheque/Bank Transfer.

(Note: If the payment is by cheque, should be issued in the name of "SIGNTRADE" only.)

Validity : 3 days from the date of quotation.

Regards,

Sunil Dalmeida  
44363136  
55315018

*Dealer of 3M HIP sticker*

JNP TRADING W.L.L



جى . ان . بى للتجارة ذ.م.م

P.O. Box : 20437 Doha - Qatar Tel : +974 4468 1711 Fax : +974 4468 1181 Email : info@jnpqatar.com

## QUOTATION

Quoted To :

ALCAT CONTRACTING  
44434241  
P.O BOX:681, DOHA, QATAR

Quote No : JNP/23/304632

Quote Date : 13-Dec-2023

Enq. Ref :

Page : 1

Procurement

Please find our offer below for your RFQ No: Email

Sl. No	ITEM	DESCRIPTION	QTY	UNIT	PRICE QR	TOTAL QR	REMARKS
1	SAF-AVERY-T8500A	AVERY HIP T-6500 "A" WHITE 1.22*45.7 MTR/ROLL	1	ROLL	3,600.00	3,600.00	Ex-Stock
2	SAF-AVERY-T8505	AVERY HIP T-6505 BLUE 1.22*45.7 MTR/ROLL	1	ROLL	3,600.00	3,600.00	Ex-Stock
3	SAF-AVERY-T6508A	AVERY HIP T-6508 "A" RED 1.22*45.7 MTR/ROLL	1	ROLL	3,600.00	3,600.00	Ex-Stock
4	SAF-AVERY-OL2003	AVERY BLACK OVERLAY OL2003 FILM 1.22*45.7MTR/ROLL, RB5081	1	ROLL	3,600.00	3,600.00	Ex-Stock

3,562.5  
Each  
Last price

Note: Please write our quotation reference in your LPO as this will be easier for us to track down the transaction in our system.

Fourteen Thousand Four Hundred Riyals Only

Payment Terms : 60 DAYS

Delivery Terms : As Agreed

Quotation Validity (Days) : ONE WEEK

For any further clarifications, please do not hesitate to contact us.

Best Regards,

Total QR: 14,400.00

Discount: 0.00

Net Total QR: 14,400.00

14,250/-  
Last negotiated -  
Jmt -

**Mohammad Haneef**

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**From:** Ishor | Blue Rhine <ishor@qa.bluerhine.com>  
**Sent:** Wednesday, December 13, 2023 1:32 PM  
**To:** Mohammad Haneef  
**Cc:** Emil Garcia  
**Subject:** RE: REQ FOR QUOTATION - HIP GRADE TRAFFIC SIGNAGE STICKERS

Hi Haneef,

Good Afternoon!

Thank you for your enquiry,

Please be informed that the below requested item is not available with us.

With Regards,

Ishor Sapkota  
Sr. Sales Coordinator  
**Blue Rhine Trading For Advertising Materials WLL**  
**Doha - Qatar**  
M: +974- 77646130



Showroom : Building no:88 ,Street:3083, Birkat Al Awamer  
Ware House : Gate No. 45 , Street 52, East Industrial area,  
Doha - Qatar. | [www.bluerhine.com](http://www.bluerhine.com)



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**From:** Mohammad Haneef <haneef@alcatqatar.com>  
**Sent:** Wednesday, December 13, 2023 1:30 PM  
**To:** Ishor | Blue Rhine <ishor@qa.bluerhine.com>  
**Cc:** Emil Garcia <emil@alcatqatar.com>  
**Subject:** REQ FOR QUOTATION - HIP GRADE TRAFFIC SIGNAGE STICKERS

**CAUTION:** Do not click on links or open attachments unless the sender's identity is recognized and trusted.

Dear Sir,

## Mohammad Haneef

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**From:** Sayyed Unistar <sayyed@qatarunistar.com>  
**Sent:** Wednesday, December 13, 2023 1:49 PM  
**To:** Mohammad Haneef  
**Cc:** Accounts - Unistar; Emil Garcia; Narjas  
**Subject:** Re: REQ FOR QUOTATION - HIP GRADE TRAFFIC SIGNAGE STICKERS

I regret to inform you that, unfortunately, we do not have the HIP variant refractive stickers available in our inventory at the moment.

We apologize for any inconvenience this may cause.

If you have any further questions or if there's anything else we can assist you with, please feel free to reach out.

Thank you for your understanding.

On Wed, 13 Dec 2023 at 4:05 PM Mohammad Haneef <[haneef@alcatqatar.com](mailto:haneef@alcatqatar.com)> wrote:

Dear Sir,

Please send us your best price quotation for the following:

- Reflective HIP Grade 1.22x45m Rolls – White – 01 Nos
- Reflective HIP Grade 1.22x45m Rolls – Blue – 01 Nos
- Reflective HIP Grade 1.22x45m Rolls – Red – 01 Nos
- Reflective HIP Grade 1.22x45m Rolls – Black – 01 Nos

Brand: 3M or Avery Deninson - HIP

Thanks & Regards,

Haneef. M.

Procurement Department



# Foundation / Post & Signface

Sr.No.	SIGN TYPE	SHAPE	DIMENSIONS	QTY	
1	SPEED LIMIT 25 KPH	CIRCULAR	750 mm	7	3,696.00
2	SPEED LIMIT 30 KPH	CIRCULAR	750 mm	1	528.00
4	SPEED LIMIT 55 KPH	CIRCULAR	750 mm	3	1,584.00
5	SPEED LIMIT 60 KPH	CIRCULAR	750 mm	10	5,280.00
7	ALL WAY	RECTANGULAR	375x750 mm	1	510.00
8	CHEVRON - BEND	RECTANGULAR	400x1200 mm	21	17,850.00
9	CHEVRON - ROUNABOUT	RECTANGULAR	400x1200 mm	8	6,800.00
13	CROSSAWAY	TRIANGULAR	750 mm	5	2,650.00
14	DEAD END	TRIANGULAR	750 mm	2	1,060.00
15	GIVE WAY	TRIANGULAR	750 MM	24	12,720.00
16	IDENTIFY YOURSELF	RECTANGULAR	1000 x 1500 mm	1	1,145.00
18	MULTI-DIVERGE	CIRCULAR	750 mm	39	20,592.00
19	NO ENTRY	CIRCULAR	750 mm	2	1,056.00
20	NO OVERTAKING - LOGO	CIRCULAR	750 mm	1	528.00
22	PETROL STATION	SQUARE	500 x 500 mm	1	450.00
23	REDUCE SPEED NOW	RECTANGULAR	362 X 1190 MM	7	5,169.50
24	ROUNDABOUTS	TRIANGULAR	750 MM	15	7,950.00
26	SINGLE DIVERGE LEFT	CIRCULAR	750 mm	13	6,864.00
27	SINGLE DIVERGE RIGHT	CIRCULAR	750 mm	15	7,920.00
28	SPEED HUMPS	TRIANGULAR	750 mm	13	6,890.00
29	STOP	PENTAGON	750 mm	6	3,180.00
30	TURN LEFT	CIRCULAR	750 mm	6	3,168.00
31	TURN RIGHT	CIRCULAR	750 mm	1	528.00
32	TWO WAY TRAFFIC	CIRCULAR	750 mm	5	2,640.00



Sr.No.	SIGN TYPE	SHAPE	DIMENSIONS	QTY	920.00
1	SPEED LIMIT 25 KPH	CIRCULAR	750 mm	4	230.00
2	SPEED LIMIT 30 KPH	CIRCULAR	750 mm	1	230.00
4	SPEED LIMIT 55 KPH	CIRCULAR	750 mm	5	1,150.00
5	SPEED LIMIT 60 KPH	CIRCULAR	750 mm	3	690.00
8	CHEVRON - BEND	RECTANGULAR	400x1200 mm	2	726.00
10	COUNTDOWN-100 (RIGHT)	RECTANGULAR	1200x400 MM	3	1,089.00
11	COUNTDOWN-200 (RIGHT)	RECTANGULAR	1200x400 MM	5	1,815.00
12	COUNTDOWN-300 (RIGHT)	RECTANGULAR	1200x400 MM	6	2,178.00
13	CROSSAWAY	TRIANGULAR	750 mm	2	556.00
14	DEAD END	TRIANGULAR	750 mm	1	278.00
17	KEEP RIGHT	CIRCULAR	750 mm	2	230.00
19	NO ENTRY	CIRCULAR	750 mm	5	1,150.00
21	NO OVERTAKING - TEXT	CIRCULAR	750 mm	1	230.00
29	STOP	PENTAGON	750 mm	9	2,340.00
30	TURN LEFT	CIRCULAR	750 mm	2	460.00
34	UNDER WORK			8	-

Sr.No.	SIGN TYPE	SHAPE	DIMENSIONS	QTY	
1	SPEED LIMIT 25 KPH	CIRCULAR	750 mm	4	230.00
2	SPEED LIMIT 30 KPH	CIRCULAR	750 mm	1	230.00
4	SPEED LIMIT 55 KPH	CIRCULAR	750 mm	5	230.00
5	SPEED LIMIT 60 KPH	CIRCULAR	750 mm	3	230.00
8	CHEVRON - BEND	RECTANGULAR	400x1200 mm	2	363.00
10	COUNTDOWN-100 (RIGHT)	RECTANGULAR	1200x400 MM	3	363.00
11	COUNTDOWN-200 (RIGHT)	RECTANGULAR	1200x400 MM	5	363.00
12	COUNTDOWN-300 (RIGHT)	RECTANGULAR	1200x400 MM	6	363.00
13	CROSSAWAY	TRIANGULAR	750 mm	2	278.00
14	DEAD END	TRIANGULAR	750 mm	1	278.00
17	KEEP RIGHT	CIRCULAR	750 mm	2	230.00
19	NO ENTRY	CIRCULAR	750 mm	5	230.00
21	NO OVERTAKING - TEXT	CIRCULAR	750 mm	1	230.00
29	STOP	PENTAGON	750 mm	9	260.00
30	TURN LEFT	CIRCULAR	750 mm	2	230.00
34	UNDER WORK			8	

Foundation & Post					
Sr.No.	SIGN TYPE	SHAPE	DIMENSIONS	QTY	
3	SPEED LIMIT 40 KPH	CIRCULAR	750 mm	1	302.00
25	SIDE INTERSECTION			1	640.00
29	STOP	PENTAGON	750 mm	1	-
				3	942.00

**Supply and Installation of Sign Face+Post+Foundation**

S.No.	Header	BOQ Description	Work Category	Unit	Qty.		Total Cost	Profit %	Profit/Unit	Total Profit	Sales Price	Total Sales Value
1	(Q) Traffic Signs	Road Traffic Signs Supply and Installation of Octagonal 750mm	Supply & Installation	NR	4.00	441.03	1,764.14	20%	88.97	355.86	530.00	2120.00
2	(Q) Traffic Signs	Road Traffic Signs Supply and Installation of Octagonal 750mm With using existing posts and foundation	Supply & Installation	NR	1.00	215.46	215.46	21%	44.55	44.55	260.00	260.00
3	(Q) Traffic Signs	Road Traffic Signs Supply and Installation of Octagonal 750mm With using existing Face	Supply & Installation	NR	1.00	289.51	289.51	20%	58.50	58.50	348.00	348.00
4	(Q) Traffic Signs	Road Traffic Signs Supply and Installation of Triangular 750mm	Supply & Installation	NR	50.00	441.28	22,064.00	20%	88.72	4,436.01	530.00	26500.01
5	(Q) Traffic Signs	Road Traffic Signs Supply and Installation of Triangular 750mm With using existing posts and foundation	Supply & Installation	NR	14.00	231.17	3,236.39	20%	46.83	655.61	278.00	3892.00
6	(Q) Traffic Signs	Road Traffic Signs Supply and Installation of Circular 750mm	Supply & Installation	NR	89.00	440.10	39,168.77	20%	87.90	7,823.23	528.00	46992.00
7	(Q) Traffic Signs	Road Traffic Signs Supply and Installation of Circular 750mm With using existing Face	Supply & Installation	NR	12.00	248.70	2,984.45	20%	49.80	597.55	298.50	3582.00

8	(Q) Traffic Signs	Road Traffic Signs Supply and Installation of Sign 1200 x 400 mm(Multi Dversional )	Supply & Installation	NR	24.00	707.94	16,990.66	20%	142.06	3,409.35	850.00	20400.01
9	(Q) Traffic Signs	Road Traffic Signs Supply and Installation of Sign 1200 x 400 mm(Multi Dversional ) With using existing posts and foundation	Supply & Installation	NR	1.00	302.06	302.06	20%	60.94	60.94	363.00	363.00
10		Road Traffic Signs Supply and Installation of Sign 1200 x 400 mm(Multi Dversional ) With using existing Face	Supply & Installation	NR	1.00	533.75	533.75	20%	106.75	106.75	640.50	640.50
11	(Q) Traffic Signs	Road Traffic Signs Supply and Installation of Sign 375 x 750 mm(Alt-Way )	Supply & Installation	NR	1.00	423.93	423.93	20%	86.08	86.08	510.00	510.00
12	(Q) Traffic Signs	Road Traffic Signs Supply and Installation of Sign 362x1190 mm(Reduce-Speed )	Supply & Installation	NR	7.00	614.91	4,304.34	20%	123.60	865.17	738.50	5169.51
13	(Q) Traffic Signs	Road Traffic Signs Supply and Installation of Sign 1000 x 1500 mm(Identify YourSelf )	Supply & Installation	NR	1.00	950.61	950.61	20%	194.39	194.39	1,145.00	1145.00
14	(Q) Traffic Signs	Road Traffic Signs Supply and Installation of Sign 500x500 mm(Petrol-Station )	Supply & Installation	NR	1.00	373.57	373.57	20%	76.43	76.43	450.00	450.00

15	Face Only	Road Traffic Signs Supply and Installation of Triangular 750mm	Replacing Sign Face	NR	13.00	167.24	2,174.10	20%	32.76	425.91	200.00	2600.00
16	Face Only	Road Traffic Signs Supply and Installation of Circular 750mm	Replacing Sign Face	NR	29.00	191.39	5,550.44	20%	38.60	1,119.52	230.00	6669.97
17	Face Only	Road Traffic Signs Supply and Installation of Sign 1200 x 400 mm(Multi Dversional )	Replacing Sign Face	NR	16.00	174.19	2,787.08	21%	35.81	572.92	210.00	3360.00
18	Face Only	Road Traffic Signs Supply and Installation of Sign 1500 x 1000 mm(Name Board )	Replacing Sign Face	NR	8.00	487.98	3,903.81	20%	98.02	784.19	586.00	4688.00
<b>Total</b>							<b>108,017.06</b>			<b>21,672.94</b>		<b>129,690.01</b>

**Supply and Installation of Sign Post+Foundation**

S.No.	Header	BOQ Description	Work Category	Unit	Qty.	Total Cost	Profit %	Profit	Total Profit	Sales Price	Total Sales Value
1	Post& Foundation	Road Traffic Signs Supply and Installation of Octagonal 750mm	Supply & Installation	NR	1.00	291.94	20%	58.06	58.06	350.00	350.00
2	Post& Foundation	Road Traffic Signs Supply and Installation of Circular 750mm	Supply & Installation	NR	1.00	251.13	20%	50.87	50.87	302.00	302.00
3	Post& Foundation	Road Traffic Signs Supply and Installation of Sign (Site Instrection)	Supply & Installation	NR	1.00	533.20	20%	106.80	106.80	640.01	640.01
							<b>1,076.28</b>		<b>215.72</b>		<b>1292.00</b>

Removal

S.No.	Header	BOQ Description	Work Category	Unit	Qty.		Total Cost	Profit %	Profit	Total Profit	Sales Price	Total Sales Value
4	Removal	Road Traffic Signs Removal of Traffic Sign Face Only	Removal	NR	15.00	2.81	42.13		27.19	407.87	30.00	450.00
5	Removal	Road Traffic Signs Removal of Traffic Sign Post+Foundation+Face	Removal	NR	18.00	12.77	229.80		137.23	2470.20	150.00	2700.00
Total							2,424.49			2,878.07		3,150.00
GRAND TOTAL							111,517.83			24766.74		134,132.01

Stop Sign 750 (Octagonal)								
Reff No			Length	Width	Wastage	Area	Rate	Amount /Sign
2.00	Post 2100mm							
	Steel pipe 76.1 dia	LM	2.75			2.75	15.83	43.54
	POST CAP	NOS	1.00			1.00	4.00	4.00
	Base Plate 12mm thick	M2	0.30	0.30	2%	0.09	335.93	30.84
	Gulvanization	KG	4.57		5%	4.79	1.45	6.95
	Cost							85.33
	Over Head ( 10%)							12.80
	Total Cost							98.13
3.00	Foundation Precast 400x600							
	Cement	kg	7.00			7.00	1.30	9.10
	Washed Sand	kg	75.00			75.00	0.02	1.50
	20mm Aggregate	kg	75.00			75.00	0.04	2.85
	Bitumen Paint 2 coats	M2	0.60	0.40	5%	1.28	0.56	0.72
	10 MM STEEL	LM	2.40			2.40	1.76	4.23
	Anchor Bolts	NOS	4.00			4.00	8.00	32.00
	MAN POWER	NOS	1.00			1.00	14.04	14.04
	Cost							64.44
	Over Head ( 10%)							9.67
	Total Cost							74.11
4.00	Installation Cost							
	MAN POWER	NOS	1.00			1.00	63.93	63.93
	EQUIPMENT	NOS	1.00			1.00	40.16	40.16
	Over Head ( 10%)							15.61
	Total (A) = 2+3+4							119.70
	Total Selling Rate (B)							291.94
	Profit= B-A							

Sign 750 mm(Left Right Sign)(Circular)								
Ref No			Length	Width	Wastage	Area	Rate	Amount /Sign
2.00	Post 900mm							
	Steel pipe 76.1 dia	LM	1.55			1.55	15.83	24.54
	POST CAP	NOS	1.00			1.00	4.00	4.00
	Base Plate 12mm thick	M2	0.30	0.30	2%	0.09	335.93	30.84
	Gulvanization	KG	2.57		5%	2.70	1.45	3.92
	Cost							63.30
	Over Head ( 10%)							9.49
	Total Cost							72.79
3.00	Foundation Precast 400x925							
	Cement	kg	7.50			7.00	1.30	9.10
	Washed Sand	kg	80.00			75.00	0.02	1.50
	20mm Aggregate	kg	80.00			75.00	0.04	2.85
	Bitumen Paint 2 coats	M2	0.60	0.40	5%	1.28	0.56	0.72
	10 MM STEEL	LM	2.40			2.40	1.76	4.23
	Anchor Bolts	NOS	4.00			4.00	8.00	32.00
	MAN POWER	NOS	1.00			1.00	14.04	14.04
	Cost							50.99
	Over Head ( 10%)							7.65
	Total Cost							58.64
4.00	Installation Cost							
	MAN POWER	NOS	1.00			1.00	63.93	63.93
	EQUIPMENT	NOS	1.00			1.00	40.16	40.16
	Over Head ( 10%)							15.61
	Total (A) = 2+3+4							119.70
	Total Selling Rate (B)							251.13
	Profit= B-A							



Sign 1200 x 400 mm(Multi Dversional )								
Ref No			Length	Width	Wastage	Area	Rate	Amount /Sign
2.00	Post 900mm							
	Steel pipe 76.1 dia	LM	3.10			3.10	15.83	49.08
	POST CAP	NOS	2.00			2.00	4.00	8.00
	Base Plate 12mm thick	M2	0.30	0.30	2%	0.18	335.93	61.68
	Gulvanization	KG	2.57		5%	5.40	1.45	7.83
	Cost							126.60
	Over Head ( 10%)							18.99
	Total Cost							145.58
3.00	Foundation Precast 400x925							
	Cement	kg	14.00			14.00	1.30	18.20
	Washed Sand	kg	150.00			150.00	0.02	3.00
	20mm Aggregate	kg	150.00			150.00	0.04	5.70
	Bitumen Paint 2 coats	M2	0.60	0.40	5%	2.56	0.56	1.44
	10 MM STEEL	LM	4.80			4.80	1.76	8.46
	Anchor Bolts	NOS	8.00			8.00	8.00	64.00
	MAN POWER	NOS	2.00			2.00	14.04	28.09
	Cost							128.88
	Over Head ( 10%)							19.33
	Total Cost							148.21
4.00	Installation Cost							
	MAN POWER	NOS	2.00			2.00	63.93	127.87
	EQUIPMENT	NOS	2.00			2.00	40.16	80.31
	Over Head ( 10%)							31.23
	Total (A) = 2+3+4							239.41
	Total Selling Rate (B)							533.20
	Profit= B-A							

Stop Sign 750(Octagonal)								
Reff No			Length	Width	Wastage	Area	Rate	Amount /Sign
1.00	<b>Sign Face</b>							
	3mm Aluminum Sheet		0.75	0.75	2%	0.57	114.22	65.53
	Yellow Sticker				7%		12.95	-
	Red Sticker		0.75	0.75	7%	0.60	12.95	7.79
	White Sticker		1.50	0.30	7%	0.48	62.99	30.33
	Clamps		0.06		7%	0.06	11.67	0.75
	Back Rail		1.50		7%	1.61	6.67	10.70
	Man Power					1.00	16.66	16.66
	Cost							131.76
	Over Head ( 10%)							19.76
	Total Cost (A)							151.52
	Total Selling Rate (B)							
	Profit= B-A							
2.00	<b>Post 2100mm</b>							
	Steel pipe 76.1 dia	LM	2.75			2.75	15.83	43.54
	POST CAP	NOS	1.00			1.00	4.00	4.00
	Base Plate 12mm thick	M2	0.30	0.30	2%	0.09	335.93	30.84
	Gulvanization	KG	4.57		5%	4.79	1.45	6.95
	Cost							85.33
	Over Head ( 10%)							12.80
	Total Cost							98.13
3.00	<b>Foundation Precast 300X400</b>							
	Cement	kg	4.00			7.00	1.30	9.10
	Washed Sand	kg	60.00			75.00	0.02	1.50
	20mm Aggregate	kg	60.00			75.00	0.04	2.85
	Bitumen Paint 2 coats	M2	0.60	0.40	5%	1.28	0.56	0.72
	10 MM STEEL	LM	1.20			1.20	1.76	2.11
	Anchor Bolts	NOS	4.00			4.00	8.00	32.00
	MAN POWER	NOS	1.00			1.00	14.04	14.04
	Cost							62.33
	Over Head ( 10%)							9.35
	Total Cost							71.68
4.00	<b>Installation Cost</b>							
	MAN POWER	NOS	1.00			1.00	63.93	63.93
	EQUIPMENT	NOS	1.00			1.00	40.16	40.16
	Over Head ( 10%)							15.61
	Total (A) = 2+3+4							119.70
	Total Selling Rate (B)							289.51
	Profit= B-A							

Sign 750 mm(Give Way)(Triangular)								
Reff No			Length	Width	Wastage	Area	Rate	Amount /Sign
1.00	Sign Face							
	3mm Aluminum Sheet		0.75	0.75	79%	0.50	114.22	57.50
	White Sticker		0.75	0.75	7%	0.60	62.99	37.91
	Red Sticker		2.25	0.10	7%	0.24	62.99	15.17
	Black Sticker		0.50	0.20	7%	0.11	62.99	6.74
	Clamps		0.06		7%	0.06	11.67	0.75
	Back Rail		1.50		7%	1.61	6.67	10.70
	Man Power					1.00	16.66	16.66
	Cost							145.42
	Over Head ( 10%)							21.81
	Total Cost							167.24
	Total Selling Rate							
	Profit= B-A							
2.00	Post 2100mm							
	Steel pipe 76.1 dia	LM	2.75			2.75	15.83	43.54
	POST CAP	NOS	1.00			1.00	4.00	4.00
	Base Plate 12mm thick	M2	0.30	0.30	2%	0.09	335.93	30.84
	Gulvanization	KG	4.57		5%	4.79	1.45	6.95
	Cost							85.33
	Over Head ( 10%)							12.80
	Total Cost							98.13
3.00	Foundation Precast 300X400							
	Cement	kg	4.00			7.00	1.30	9.10
	Washed Sand	kg	60.00			75.00	0.02	1.50
	20mm Aggregate	kg	60.00			75.00	0.04	2.85
	Bitumen Paint 2 coats	M2	0.60	0.40	5%	1.28	0.56	0.72
	10 MM STEEL	LM	1.20			1.20	1.76	2.11
	Anchor Bolts	NOS	4.00			4.00	8.00	32.00
	MAN POWER	NOS	1.00			1.00	14.04	14.04
	Cost							48.88
	Over Head ( 10%)							7.33
	Total Cost							56.21
4.00	Installation Cost							
	MAN POWER	NOS	1.00			1.00	63.93	63.93
	EQUIPMENT	NOS	1.00			1.00	40.16	40.16
	Over Head ( 10%)							15.61
	Total (A) = 2+3+4							119.70
	Total Selling Rate (B)							274.04
	Profit= B-A							

Sign 750 mm(Left Right Sign)(Circular)								
Ref No			Length	Width	Wastage	Area	Rate	Amount /Sign
1.00	Sign Face							
	3mm Aluminum Sheet		0.75	0.75	5%	0.59	114.22	67.46
	White Sticker		0.75	0.75	0%	0.56	62.99	35.43
	Blue Sticker		0.75	0.75	0%	0.56	62.99	35.43
	Clamps		0.06		7%	0.06	11.67	0.75
	Back Rail		1.50		7%	1.61	6.67	10.70
	Man Power					1.00	16.66	16.66
	Cost							166.43
	Over Head ( 10%)							24.96
	Total Cost							191.39
	Total Selling Rate							
	Profit= B-A							
2.00	Post 900mm							
	Steel pipe 76.1 dia	LM	1.55			1.55	15.83	24.54
	POST CAP	NOS	1.00			1.00	4.00	4.00
	Base Plate 12mm thick	M2	0.30	0.30	2%	0.09	335.93	30.84
	Gulvanization	KG	2.57		5%	2.70	1.45	3.92
	Cost							63.30
	Over Head ( 10%)							9.49
	Total Cost							72.79
3.00	Foundation Precast 300X400							
	Cement	kg	4.00			7.00	1.30	9.10
	Washed Sand	kg	60.00			75.00	0.02	1.50
	20mm Aggregate	kg	60.00			75.00	0.04	2.85
	Bitumen Paint 2 coats	M2	0.60	0.40	5%	1.28	0.56	0.72
	10 MM STEEL	LM	1.20			1.20	1.76	2.11
	Anchor Bolts	NOS	4.00			4.00	8.00	32.00
	MAN POWER	NOS	1.00			1.00	14.04	14.04
	Cost							48.88
	Over Head ( 10%)							7.33
	Total Cost							56.21
4.00	Installation Cost							
	MAN POWER	NOS	1.00			1.00	63.93	63.93
	EQUIPMENT	NOS	1.00			1.00	40.16	40.16
	Over Head ( 10%)							15.61
	Total (A) = 2+3+4							119.70
	Total Selling Rate (B)							248.70
	Profit= B-A							

Sign 1200 x 400 mm (Multi Directional)								
Ref No			Length	Width	Wastage	Area	Rate	Amount /Sign
1.00	<b>Sign Face</b>							
	3mm Aluminum Sheet		1.20	0.40	7%	0.51	114.22	58.66
	White Sticker		1.20	0.40	7%	0.51	62.99	32.35
	Red Sticker		1.20	0.40	7%	0.51	62.99	32.35
	Clamps		0.06		7%	0.06	11.67	0.75
	Back Rail		1.50		7%	1.61	6.67	10.70
	Man Power					1.00	16.66	16.66
	Cost							151.47
	Over Head ( 10%)							22.72
	<b>Total Cost</b>							174.19
	<b>Total Selling Rate</b>							
	<b>Profit= B-A</b>							
2.00	<b>Post 900mm</b>							
	Steel pipe 76.1 dia	LM	3.10			3.10	15.83	49.08
	POST CAP	NOS	2.00			2.00	4.00	8.00
	Base Plate 12mm thick	M2	0.30	0.30	2%	0.18	335.93	61.68
	Gulvanization	KG	2.57		5%	5.40	1.45	7.83
	Cost							126.60
	Over Head ( 10%)							18.99
	<b>Total Cost</b>							145.58
3.00	<b>Foundation Precast 300X400</b>							
	Cement	kg	8.00			8.00	9.10	72.80
	Washed Sand	kg	120.00			120.00	0.02	2.40
	20mm Aggregate	kg	120.00			120.00	0.04	4.56
	Bitumen Paint 2 coats	M2	0.60	0.40	5%	2.56	0.56	1.44
	10 MM STEEL	LM	1.20			1.20	1.76	2.11
	Anchor Bolts	NOS	4.00			4.00	8.00	32.00
	MAN POWER	NOS	1.00			1.00	14.04	14.04
	Cost							129.36
	Over Head ( 10%)							19.40
	<b>Total Cost</b>							148.76
4.00	<b>Installation Cost</b>							
	MAN POWER	NOS	2.00			2.00	63.93	127.87
	EQUIPMENT	NOS	2.00			2.00	40.16	80.31
	Over Head ( 10%)							31.23
	<b>Total (A) = 2+3+4</b>							239.41
	<b>Total Selling Rate (B)</b>							533.75
	<b>Profit= B-A</b>							

Sign 375 x 750 mm(All-Way )								
Reff No			Length	Width	Wastage	Area	Rate	Amount /Sign
1.00	Sign Face							
	3mm Aluminum Sheet		0.75	0.38	7%	0.30	114.22	34.37
	White Sticker		0.75	0.10	7%	0.08	62.99	5.06
	Blue Sticker		0.75	0.38	7%	0.30	62.99	18.96
	Clamps		0.06		7%	0.06	11.67	0.75
	Back Rail		1.50		7%	1.61	6.67	10.70
	Man Power					1.00	16.66	16.66
	Cost							86.49
	Over Head ( 10%)							12.97
	Total Cost							99.46
	Total Selling Rate							
	Profit= B-A							
2.00	Post 2100mm							
	Steel pipe 76.1 dia	LM	2.75			2.75	15.83	43.54
	POST CAP	NOS	2.00			2.00	4.00	8.00
	Base Plate 12mm thick	M2	0.30	0.30	2%	0.18	335.93	61.68
	Gulvanization	KG	2.57		5%	5.40	1.45	7.83
	Cost							121.05
	Over Head ( 10%)							18.16
	Total Cost							139.21
3.00	Foundation Precast 300X400							
	Cement	kg	4.00			4.00	1.30	5.20
	Washed Sand	kg	60.00			60.00	0.02	1.20
	20mm Aggregate	kg	60.00			60.00	0.04	2.28
	Bitumen Paint 2 coats	M2	0.60	0.40	5%	2.56	0.56	1.44
	10 MM STEEL	LM	1.20			1.20	1.76	2.11
	Anchor Bolts	NOS	4.00			4.00	8.00	32.00
	MAN POWER	NOS	1.00			1.00	12.77	12.77
	Cost							57.00
	Over Head ( 10%)							8.55
	Total Cost							65.55
4.00	Installation Cost							
	MAN POWER	NOS	1.00			1.00	63.93	63.93
	EQUIPMENT	NOS	1.00			1.00	40.16	40.16
	Over Head ( 10%)							15.61
	Total (A) = 2+3+4							119.70
	Total Selling Rate (B)							324.47
	Profit= B-A							

Sign 362x1190 mm(Reduce-Speed)								
Reff No			Length	Width	Wastage	Area	Rate	Amount /Sign
1.00	<b>Sign Face</b>							
	3mm Aluminum Sheet		0.36	1.19	7%	0.46	114.22	52.65
	White Sticker		0.10	1.19	7%	0.13	62.99	8.02
	Red Sticker		0.36	1.19	7%	0.46	62.99	28.87
	Clamps		0.06		7%	0.06	11.67	0.75
	Back Roll		3.57		7%	3.82	6.67	25.47
	Man Power					1.00	16.66	16.66
	Cost							132.41
	Over Head ( 10%)							19.86
	Total Cost							152.27
	Total Selling Rate							
	Profit= B-A							
2.00	<b>Post 900mm</b>							
	Steel pipe 76.1 dia	LM	3.10			3.10	15.83	49.08
	POST CAP	NOS	2.00			2.00	4.00	8.00
	Base Plate 12mm thick	M2	0.30	0.30	2%	0.18	335.93	61.68
	Gulvanization	KG	2.76		5%	5.79	1.45	8.39
	Cost							127.15
	Over Head ( 10%)							19.07
	Total Cost							146.22
3.00	<b>Foundation Precast 300X400</b>							
	Cement	kg	8.00			8.00	1.30	10.40
	Washed Sand	kg	120.00			120.00	0.02	2.40
	20mm Aggregate	kg	120.00			120.00	0.04	4.56
	Bitumen Paint 2 coats	M2	0.60	0.40	5%	2.56	0.56	1.44
	10 MM STEEL	LM	1.20			1.20	1.76	2.11
	Anchor Bolts	NOS	4.00			4.00	8.00	32.00
	MAN POWER	NOS	1.00			1.00	14.04	14.04
	Cost							66.96
	Over Head ( 10%)							10.04
	Total Cost							77.00
4.00	<b>Installation Cost</b>							
	MAN POWER	NOS	2.00			2.00	63.93	127.87
	EQUIPMENT	NOS	2.00			2.00	40.16	80.31
	Over Head ( 10%)							31.23
	Total (A) = 2+3+4							239.41
	Total Selling Rate (B)							462.63
	Profit= B-A							

Sign 1000 x 1500 mm (Identify Yourself)								
Reff No			Length	Width	Wastage	Area	Rate	Amount /Sign
1.00	Sign Face							
	3mm Aluminum Sheet		1.00	1.50	7%	1.61	114.22	183.32
	White Sticker		1.00	1.50	7%	1.61	62.99	101.10
	Red Sticker		1.00	1.50	7%	1.61	62.99	101.10
	Clamps		0.06		7%	0.06	11.67	0.75
	Back Rail		3.00		7%	3.21	6.67	21.40
	Man Power					1.00	16.66	16.66
	Cost							424.33
	Over Head ( 10%)							63.65
	Total Cost							487.98
	Total Selling Rate							
	Profit= B-A							
2.00	Post 900mm							
	Steel pipe 76.1 dia	LM	3.10			3.10	15.83	49.08
	POST CAP	NOS	2.00			2.00	4.00	8.00
	Base Plate 12mm thick	M2	0.30	0.30	2%	0.18	335.93	61.68
	Gulvanization	KG	2.76		5%	5.79	1.45	8.39
	Cost							127.15
	Over Head ( 10%)							19.07
	Total Cost							146.22
3.00	Foundation Precast 300X400							
	Cement	kg	8.00			8.00	1.30	10.40
	Washed Sand	kg	120.00			120.00	0.02	2.40
	20mm Aggregate	kg	120.00			120.00	0.04	4.56
	Bitumen Paint 2 coats	M2	0.60	0.40	5%	2.56	0.56	1.44
	10 MM STEEL	LM	1.20			1.20	1.76	2.11
	Anchor Bolts	NOS	4.00			4.00	8.00	32.00
	MAN POWER	NOS	1.00			1.00	14.04	14.04
	Cost							66.96
	Over Head ( 10%)							10.04
	Total Cost							77.00
4.00	Installation Cost							
	MAN POWER	NOS	2.00			2.00	63.93	127.87
	EQUIPMENT	NOS	2.00			2.00	40.16	80.31
	Over Head ( 10%)							31.23
	Total (A) = 2+3+4							239.41
	Total Selling Rate (B)							462.63
	Profit= B-A							



Sign 500x500 mm (Petrol-Station)								
Reff No			Length	Width	Wastage	Area	Rate	Amount /Sign
1.00	<b>Sign Face</b>							
	3mm Aluminum Sheet		0.50	0.50	7%	0.27	114.22	30.55
	White Sticker		0.30	0.30	7%	0.10	62.99	6.07
	Blue Sticker		0.50	0.50	7%	0.27	62.99	16.85
	Black Sticker		0.15	0.15	7%	0.02	62.99	
	Clamps		0.06		7%	0.06	11.67	0.75
	Back Rail		1.00		7%	1.07	6.67	7.13
	Man Power					1.00	16.66	16.66
	Cost							78.01
	Over Head ( 10%)							11.70
	Total Cost							89.71
	Total Selling Rate							
	Profit= B-A							
2.00	<b>Post 900mm</b>							
	Steel pipe 76.1 dia	LM	2.75			2.75	15.83	43.54
	POST CAP	NOS	1.00			1.00	4.00	4.00
	Base Plate 12mm thick	M2	0.30	0.30	2%	0.09	335.93	30.84
	Gulvanization	KG	2.00		5%	4.20	1.45	6.09
	Cost							84.47
	Over Head ( 10%)							12.67
	Total Cost							97.14
3.00	<b>Foundation Precast 300X400</b>							
	Cement	kg	4.00			4.00	1.30	5.20
	Washed Sand	kg	60.00			60.00	0.02	1.20
	20mm Aggregate	kg	60.00			60.00	0.04	2.28
	Bitumen Paint 2 coats	M2	0.60	0.40	5%	2.56	0.56	1.44
	10 MM STEEL	LM	1.20			1.20	1.76	2.11
	Anchor Bolts	NOS	4.00			4.00	8.00	32.00
	MAN POWER	NOS	1.00			1.00	14.04	14.04
	Cost							58.28
	Over Head ( 10%)							8.74
	Total Cost							67.02
4.00	<b>Installation Cost</b>							
	MAN POWER	NOS	1.00			1.00	63.93	63.93
	EQUIPMENT	NOS	1.00			1.00	40.16	40.16
	Over Head ( 10%)							15.61
	Total (A) = 2+3+4							119.70
	Total Selling Rate (B)							283.86
	Profit= B-A							

## SIGNFACE

SR	Sign Face	Length	Width	Area SQM	Full Cost	Rate / SQM
1	Sheet for Sign Face 3mm	2.44	1.22	2.98	340.00	114.22
2	Red Sticker	45.00	1.27	57.15	3,600.00	62.99
3	Black Sticker	45.00	1.27	57.15	3,600.00	62.99
4	White Sticker	45.00	1.27	57.15	3,600.00	62.99
5	Blue Sticker	45.00	1.27	57.15	3,600.00	62.99
6	Green Sticker	45.00	1.27	57.15	3,600.00	62.99
7	Orange Sticker	45.00	1.27	57.15	3,600.00	62.99
8	Clamps	6.00		6.00	70.00	11.67
9	Back Rail	6.00		6.00	40.00	6.67

# Precast of Foundation

	NO OF FOUNDATION /DAY	NO OF LABOUR	Monthly Salay + OT	SALARY /DAY	COST / FOUNDATION
Un Skilled Labour Cost					
	20	4	2,106.47	280.8632479	14.04
<b>TOTAL</b>					<b>14.04316239</b>

# INSTALLATION OF TRAFFIC SIGN

	NO OF Posts /DAY	NO OF LABOUR	Monthly Salay + OT	SALARY /DAY	COST /POST
Un Skilled Labour Cost					
Forman Cost					
	7	4	2,106.47	280.86	40.12
	7	1	5000	166.6666667	23.81
<b>TOTAL</b>					<b>63.93</b>

## Equipment Cost

	NO OF Posts /DAY	No of Equipment	Rate/day (rental Charges +Fule cost)	COST/POST
Hilbi	10	10	0	0
Cable Detector	10	10	0	0
Compactor	10	10	0	0
Generator	10	10	0	0
Boom Truck	50	1	1037	20.74
Pick Up	10	1	194.17	19.42
<b>TOTAL</b>				<b>40.157</b>

UNIT	SIZE	RATE	PER/SQM
BASE PLATE SHEET			
Steel pipe 76.1 dia	1000	2.9768	335.93
CLAMPS	6	6	15.83333333
BACK CHANNEL	6	6	0
STEEL 10 MM	6	6	0
Post Cap	1	1	4
Galvanizing	1	1	1.45
Anchor Bolts	1	1	8
Bitumen Paint	ML	100	0.005625
	18000		0.5625
UNIT	SIZE	RATE	PER/SQM
KG IN ONE BAG			
Cement	10	7	1.3
Washed Sand	1000	75	0.02
20mm Aggregate	1000	75	0.038
			13.45
RATE /MT	WEIGHT / LM (KG)	RATE/KG	RATE / LM

10 MM STEEL LM 2855 0.617 2.855 1.761535

Installation of Delineator		NO OF Posts /DAY	NO OF LABOUR	Monthly Salay + OT	SALARY /DAY	COST /POST
Un Skilled Labour Cost	20		20	8	1800	24.00
Forman Cost			20	1	5300	8.83
						32.83
Removal of signages Post + Foundation +Face						
Un Skilled Labour Cost	22.00		22.00	4.00	2,106.47	12.77
TOTAL						12.77

Removal of sign Face						
Un Skilled Labour Cost	100.00		100.00	4.00	2,106.47	2.81
TOTAL						2.81