

**PUBLIC WORKS DEPARTMENT, HARYANA  
(BUILDINGS & ROADS)**

**Regd. A.D.**

From

The Engineer-in-Chief, Haryana,  
P.W.D. B&R Branch, Chandigarh.

To

All The Superintending Engineer,  
Haryana, PWD B&R Branch.

Memo No. 274-RII-2005 / 1435-42 / RII  
Dated. 26/27-05-2006.

**Subject: Licence Deed for erection of traffic signboards by sponsor on State Highways.**

**Ref:** This office Memo No. 277-R-2005/869-76/RI dated 08.03.2006.

In continuation of this office letter under reference, please find enclosed herewith a copy of draft "**LICENCE DEED FOR ERECTION OF TRAFFIC SIGN BOARDS ON SPONSERSHIP BASIS ON STATE HIGHWAY ETC**" as vetted by Legal Remembrancer Haryana for ready reference and further necessary action.

Government has approved the proposal with the following conditions:-

- a) XENs should identify locations carefully so as to make the proposal viable / attractive to sponsors. While doing so a few locations could be clubbed
- b) XENs would invite offers from the interested parties by way of an advertisement. In some cases, Government may get revenue. Accordingly, this aspect should be kept in view and specifically mentioned while inviting offers
- c) The Memorandum of Understanding (MOU) be signed by an Executive Engineer on behalf of Government after approval from Superintending Engineer concerned.
- d) A copy of Memorandum of Understanding (MOU) with annexures and instructions should be placed on websites of the PWD B&R.

Further instructions already issued vide letter under reference may please be kept in view while taking appropriate action for inviting and getting approval from the competent authority for the offers in the matter.

Immediate action be taken to get the gantry and cantilever boards fixed under this sponsorship scheme and this office be apprised of the progress made.  
DA/As above.

Executive Engineer (Roads),  
for Engineer-in-Chief, Haryana ,  
PWD B&R Branch, Chandigarh.

**Endst. No. 274-RII-2005/1443**

**/RII                      Dated:**

A copy of above is forwarded to Financial Commissioner & Principal Secretary to Government of Haryana, Public Works (B&R) Department w.r.t. their Memo No. 9/99/05-3 B&R (W) dated 05.05.2006 for information and further necessary action.

Executive Engineer (Roads),  
for Engineer-in-Chief, Haryana ,  
PWD B&R Branch, Chandigarh.

**CC alongwith copy of enclosures to:-**

**P.A. To E-in-C, Chief Engineer (NH), Chief Engineer (World Bank), Chief Engineer (Buildings), Chief Engineer (Roads), Dy. Supdt./RI, CHD-RI, CHD-RIII.**

LICENCE DEED FOR ERECTION OF TRAFFIC SIGN BOARDS BY SPONSOR ON STATE HIGHWAY

1 Agreement with Sponsor to erect Traffic Sign Boards on \_\_\_\_\_ (State Highway / Major District Roads) No. \_\_\_\_\_ Between Km \_\_\_\_\_ and Km \_\_\_\_\_ in State.

2 This Agreement made this day \_\_\_\_\_ of \_\_\_\_\_ (month) of \_\_\_\_\_ (year) between the Governor of Haryana (hereinafter called the "Government" which expression shall, unless excluded by or repugnant to the context, include his successors in office and assigns) of the ONE PART and SPONSOR \_\_\_\_\_ (hereinafter called the "licensee" which expression shall, unless excluded by or repugnant to the context, includes successor and assign) of the OTHER PART.

3 WHEREAS THE LICENSEE has applied to erect Traffic Sign Boards on National Highway No. \_\_\_\_\_ between Km \_\_\_\_\_ and \_\_\_\_\_ in \_\_\_\_\_ State, more particularly described in the Schedule annexed hereto and as shown in the Drawings attached hereto and whereas the Government has agreed to grant permission on the terms and conditions hereinafter mentioned.

4 Now this agreement witnesseth that, in consideration of the conditions hereinafter contained and on the part of the licensee to be observed and performed, the Government hereby grants to the licensee permission to erect Traffic Sign Boards as per the norms of Indian Roads Congress / Ministry of Surface Transport subject to the following conditions, namely.

- (i) That the licensee shall within six months from the date hereby, without interring with the road traffic, complete the erection of Traffic Sign Boards to the satisfaction of the Divisional / Executive Engineer incharge of the National Highway Division.
- (ii) The work of erection of Traffic Sign Board shall be carried out as per specifications and other conditions given in Annexure-I.
- (iii) That the licensee shall be solely responsible for structural stability of the Sign Boards.
- (iv) That the licensee shall be responsible for restoring the road at their own cost, to the original condition after erection of Traffic Sign Boards or, if any, damage is caused due to inadequate maintenance / operation of it.
- (v) That the licensee shall not, without the prior permission in writing of the Divisional / Executive Engineer undertake any work of shifting, repairs or alterations to the said Traffic Sign Boards.
- (vi) That the licensee shall at all times permit any duly authorized official of the Government to inspect the said Traffic Sign Boards.
- (vii) That the licensee shall be liable for any loss or damage caused to the Government by drainage / traffic obstructions or any other like causes due to the said erection of Traffic Sign Boards.
- (viii) That the licensee, within two months of a notice duly given to them in this behalf by the Divisional / Executive Engineer shall at their own cost remove the Traffic Sign Boards and restore the road land to the

original condition when required to do so by the Government or by any person authorized on its behalf. The licensee shall not be entitled to any compensation on account of such removal.

- (ix) That if the licensee fails to execute any work which they have agreed to execute under this agreement to the entire satisfaction of the Divisional / Executive Engineer, the work shall be executed by the Divisional / Executive Engineer at the cost of licensee and the amount shall be recoverable from the licensee as the penalty / fine / arrears of land revenue without prejudice to any other remedies which may be open to the Government in this behalf.
- (x) That the licensee shall not sell, transfer or otherwise dispose of the Boards space to other sponsor or advertiser without obtaining the prior consent of the Government in writing.
- (xi) That the agreement will remain in force for a maximum period of Two years in the first instance and the same may be renewed only with the approval of the Government.
- (xii) That the permission granted to the licensee shall not be deemed to convey to the licensee any right for or over any interest in Government land other than what is herein expressly granted.
- (xiii) That during the subsistence of the licence, the Traffic Sign Boards located on the road shall be deemed to have been erected and continued only with the consent and permission of the Government so that the right of the licensee to the use thereof shall not become absolute and indefensible by lapse of time.
- (xiv) That the licensee shall bear the legal stamp duty charges on this agreement.

5 The Traffic Sign Boards shall not be brought to use by licensee unless a completion certificate to the effect that the erection of Traffic Sign Boards have been done in accordance with the approved specifications and drawings, has been obtained from Divisional / Executive Engineer.

6 Notwithstanding anything contained in clause 4(viii) the licence may be cancelled at any time by the Government for breach of any condition of the licence and the licensee shall not be entitled to any compensation for any damage caused to it for such cancellation nor shall it be absolved of any liability already incurred under this agreement.

#### SCHEDULE

(HERE TYPE THE SCHEDULE REFERRED TO IN CLAUSE 3)

IN WITNESS WHEREOF this Agreement is executed in duplicate the parties hereto on the dates mentioned below their signatures.

Signature \_\_\_\_\_  
Name \_\_\_\_\_  
Date \_\_\_\_\_  
Address \_\_\_\_\_

The licensee or the constituted attorney of the licensee.

Signature \_\_\_\_\_  
Name \_\_\_\_\_  
Date \_\_\_\_\_

Superintending Engineer Haryana  
Public Work Department,  
(Building & Road) Branch.

Circle

For and on behalf of the  
Government of Haryana

IN THE PRESENCE OF WITNESSES

1 Signature \_\_\_\_\_  
Name \_\_\_\_\_  
Date \_\_\_\_\_  
Address \_\_\_\_\_

2 Signature \_\_\_\_\_  
Name \_\_\_\_\_  
Date \_\_\_\_\_  
Address \_\_\_\_\_

1 Signature \_\_\_\_\_  
Name \_\_\_\_\_  
Date \_\_\_\_\_  
Designation \_\_\_\_\_

2 Signature \_\_\_\_\_  
Name \_\_\_\_\_  
Date \_\_\_\_\_  
Designation \_\_\_\_\_

ANNEXURE I

1. All traffic proposed under private sponsorship shall conform to IRC 67-1977 “Code of Practice for Road Signs” and Ministry’s Circular NO. NH. 11047/1/87-DO. I, dated 08/09/1988 (Guidelines for installation of distance informatory / desination signs along National Highways) and No. RW/NH.33023/31/88-DO.III, dated 04/12/1995 (Policy regarding installation of road signs using retro-reflective sheetings on National Highways). The specifications for the advertisements of different categories of signs shall be as under: -

(i) GANTRY MOUNTED SIGNS

For Gantry mounted signs, the vertical clearance available under the sign / display panel and also the lateral clearance shall be in accordance with IRC 54-1974, “Laterla and vertical clearances at underpass for vehicular traffic”. The height of the sign panel shall be 2.1 metre. The structural stability of the gantry mounted sign shall be checked for safety against wind and other forces. The material and other stipulations for gantry mounted signs shall be in accordance with the Ministry’s Circular No. RW / NH -33023/31/88-DO.III, dated 04/12/1995. The Plate displaying sponsoring firm’s logo/name shall be hung underneath the sign panel in the central portion after ensuring the vertical clearance in accordance with IRC 54-1974. The length of this plate shall be restricted to the length of the central panel and shall not exceed 4.5 metres. The width of the advertisement panel shall be restricted to 0.3 metre. For cantilevered gantry mounted signs, the plate displaying sponsor’s name / logo would also be hung below the sign panel after ensuring the prescribed vertical clearance. The length of the plate shall be restricted to that of sign panel and width shall not exceed 0.3 metre. The advertisement shall contain only logo and / or the name of the sponsor and the colour scheme for the same shall be only black and white.

(ii) KERB MOUNTED SIGNS

The kerb mounted informatory signs would conform to Ministry’s Circular No. 11047/1/87-DO.I dated the 8<sup>th</sup> September, 1988 and IRC 67-1977 for its dimensions, height, placement etc. The material and other stipulations shall be as per Ministry’s Circular letter No. RW/NH/33023/31/88-DOIII dated 4<sup>th</sup> December, 1995. The advertisement plate containing the sponsoring firm’s logo/name shall be 0.15 metre wide and would span between the support posts at 0.10 metre below the sign panel. In case of kerb mounted cautionary signs. Advertisement plate shall

be put on the supporting posts at 0.10 metre below the sign panel with advertisement panel dimensions not exceeding 0.50 m x 0.15m. The colour scheme of the advertisement panel shall be only in black and white.

2. COLOUR SCHEME

- (i) Colour Scheme for mandatory / regulatory cautionary / warning signs shall conform to IRC 67-1977 "Code of Practice for Road Signs".
  - (ii) Direction, destination and place identification signs shall have green background, white messages (legend, letters, numerals, etc.) and borders instead of white background, black messages and borders.
  - (iii) Colour scheme for facility information signs, other useful information signs parking signs shall continue to conform to the provisions contained in IRC 67-1977 "Code of Practice for Road Signs".
3. Internally illuminated signs / neon signs shall not be permitted.
  4. The sponsor shall be fully responsible for the upkeep and maintenance of the signs in perfect conditions and shall be liable for responding to any complaints from the road users for misguidance and hazards etc.
  5. The traffic Sign Boards shall be erected at the approved locations only.
  6. The traffic Sign Boards shall be installed without interference with the maintenance of National Highways and cable lines.
  7. The licensee shall ensure that there is no damage to the road or any other structure while carrying out the installation work. The damage, if any, shall be made good by the licensee at his own cost.
  8. If it is necessary to shift these Traffic Sign Boards for any work such as road improvement etc. in future, the licensee shall have to carry out such shifting work at his own cost within reasonable period (not exceeding 15 days) from the date of intimation to that effect.

## GENERAL REQUIREMENTS:

The retro-reflective sheeting used on the sign shall consist of white or coloured sheeting having a smooth outer surface which has the property of retro-reflective over its entire surface. It shall be weather-resistant and show colour fastness. It shall be new and unused and shall show no evidence of cracking, scaling, pitting, blistering, edge lifting or curling and shall have negligible shrinkage or expansion. A certificate of having tested the sheeting for these properties in an unprotected outdoor exposure facing the sun for two years and its having passed these tests shall be obtained from a reputed laboratory by the manufacturer of the sheeting. The reflective sheeting shall be either of engineering grade material with enclosed lens or of high intensity grade with encapsulated lens / micro prismatic type. The type of sheeting to be used would depend upon the type, functional hierarchy and importance of road.

### I HIGH INTENSITY GRADE SHEETING:-

#### (i) ENCAPSULATED LENS TYPE:-

This sheeting shall be of encapsulated lens type consisting of spherical glass lens elements, adhered to a synthetic resin and encapsulated by a flexible, transparent water-proof plastic having a smooth surface. The retro-reflective surface after cleaning with soap and water and in dry condition shall have the minimum co-efficient of retro-reflection (determined in accordance with ASTM Standard E:810) as indicated in Table 800-1 (a) {Technical Circular-4} of MOST published by I.R.C.

**TABLE 800-1 (a)**

**Acceptable Minimum Co-Efficient Of Retro-Reflection For High Intensity Grade  
(Encapsulated Lens Type) Sheeting (Candelas Per Lux Square Metre)**

Observation angle (in Degrees)	Entrance Angle (in Degrees)	White	Yellow	Orange	Green / Red	Blue
0.2	-4	250	170	100	45	45
0.2	+30	150	100	60	25	11
0.5	-4	95	62	30	15	7.5
0.5	+30	65	45	25	10	5.0

#### (ii) MICRO-PRISMATIC - TYPE:-

These sheetings shall be of unmetalised micro-prismatic material high density of microscopic prism elements coated with pressure sensitive adhesive. The retro-reflective surface after cleaning with soap and water and in dry condition shall have the minimum co-efficient of retro-reflection determined in accordance with ASTM standard E:810 as indicated in Table 800-1(b) {Technical Circular-4} of MOST published by I.R.C.

**TABLE 800-1 (b)**

**Acceptable Minimum Co-Efficient Of Retro-Reflection For High Intensity Grade  
(Prismatic) Sheeting (Candelas Per Lux Square Metre)**

Observation angle (in Degrees)	Entrance Angle (in Degrees)	White	Yellow	Orange	Green / Red	Blue
0.1	-4	400	270	160	56	32

0.2	-4	250	170	100	35	20
0.2	+30	80	64	34	9	5
0.5	-4	135	100	64	17	10
0.5	+30	55	37	24	6.5	3.5

When totally wet, the sheeting shall not show less than 90% of the values of retro-reflective indicated in Table 800-1(a) and 800-1 (b) respectively. At the end of 7 years, the sheeting shall retain at least 80% of its original retro-reflectance except for orange colour.

## II ENGINEERING GRADE SHEETING:-

This sheeting shall be of enclosed lens type consisting of microscopic lens elements embedded beneath the surface of a smooth, flexible, transparent, water-proof plastic, resulting in a non-exposed lens optical reflecting system. The retro-reflective surface after cleaning with soap and water and in dry condition shall have the minimum co-efficient of retro-reflective (determined in accordance with ASTM Standard: E-810) as indicated in Table 800-2. {Technical Circular-4} of MOST published by I.R.C.

**TABLE 800-2**

**Acceptable Minimum Co-Efficient Of Retro-Reflection For Engineering Grade Sheeting  
(Candelas Per Lux Per Square Metre)**

Observation angle (in Degrees)	Entrance Angle (in Degrees)	White	Yellow	Orange	Green	Red	Blue
0.2	-4	70	50	25	9.0	14.5	4.0
0.2	+30	30	22	7.0	3.5	6.0	1.7
0.5	-4	30	25	13.5	4.5	7.5	2.0
0.5	+30	15	13	4.0	2.2	3.0	0.8

When totally wet, the sheeting shall not show less than 90% of the values, of retro-reflective indicated in Table 800-2, at the end of 5 years. The sheeting shall retain at least 50% of its original retro-reflectance.

## III MESSAGES / BORDERS:

The messages (legends, letters, numerals etc) and borders either be screen-printed or of cut-outs Screen printing shall be processed and finished with materials and in a manner specified by the sheeting manufacturer. Cut-outs shall be of materials and specified by the sheeting manufacturer and shall be bonded with the sheeting in the manner specified by the manufacturer.

For screen-printed transparent coloured areas on white sheeting, the co-efficient of retro-reflection shall not be less than 50% of the values of corresponding colour in Tables 800-1 (a), 800-1 (b) and 800-2 as applicable.

Cut-out messages and border, wherever used shall be made out of retro-reflective sheeting (as per Clause 801.3.2 or 801.3.3 as applicable) except those in black which shall be of non-reflective sheeting {Technical Circular - 4} of MOST published by I.R.C.

## IV COLOUR:-

Unless otherwise specified, the general colour shall be stipulated in IS:5  
“Colour for Ready Mixed Plants”.

Blue	IS	Colour No. 166:French Blue
Red	IS	Colour No. 537 : Signal Red
Green	IS	Colour No. 284 : India Green
Orange	IS	Colour No. 591 : Deep Orange



## **V ADHESIVES:-**

The sheeting either have a pressure sensitive adhesive of the aggressive-tack type requiring no heat, solvent or other preparation for adhesion to a smooth clean surface, or tack free adhesive activated by heat, applied in a heat-vacuum applicator, in a manner recommended by the sheeting manufacturer. The adhesive shall be protected by an easily removable liner (removable by peeling without soaking in water or other solvent) and shall be suitable for the type of material of the base plate used for the sign. The adhesive shall form a durable bond to smooth, corrosion and whether resistant surface of the base plate such that it shall not be possible to remove the sheeting from the sign base in one piece by use of sharp instrument. In case of pressure-sensitive adhesive sheeting, the sheeting shall be applied in accordance with the manufacturer's specifications. Sheeting will adhesive requiring use of solvents or other preparation for adhesive shall be applied strictly in accordance with the manufacturer's instructions.

## **VI Fabrication:-**

(i) Surface to be reflectorised shall be effectively prepared to receive the retro-reflective sheeting. The aluminium sheeting shall be de-greased either by acid or hot alkaline etching and all scale / dust removed to obtain a smooth plain surface before the application of retro-reflective sheeting. If the surface is rough, approved surface primer may be used. After cleaning metal shall not be handled, except by suitable device or clean canvas gloves between all cleaning and preparation operation and application of reflective sheeting / primer. There shall be no opportunity for metal to come in contact with grease, oil or other contaminants prior to the application of retro-reflective sheeting.

(ii) Complete sheets of the material shall be used on the signs except where it is unavoidable. At splices, sheeting with pressure sensitive adhesives shall be overlapped not less than 5 mm. Sheeting with heat-activated adhesives may be spliced with an overlap not less than 5mm or butted with a gap not exceeding 0.75mm. Where screen printing with transparent colours is proposed, only but jointing shall be used. The material shall cover the sign surface evenly and shall be free from twists, cracks and folds. Cut outs to produce legends and borders shall be bonded with the sheeting in the manner specified by the manufacturer.

## **VII Warranty and Durability:**

For each lot of sheetings procured, the contractor shall obtain from the manufacturer a 7 years warranty for satisfactory field performance including stipulated retro-reflectance of the sheeting of high intensity grade and a years warranty for the engineering grade and submit the same to the Engineer. In addition, a 7 years and a five years warranty for satisfactory in-field performance of the finished sign with retro-reflective sheeting of high intensity grade and engineering grade respectively, inclusive of the screen printed or cut-out letters/legends and their bonding to the retro-reflective sheeting shall be obtained from the contractor / supplier and passed on to the Engineer. The contractor / supplier shall also furnish a certification that the signs and materials supplied against the assigned work meet all the stipulated requirements

and carry the stipulated warranty. All signs shall be dated during fabrication with indelible markings to indicate the start of warranty. The warranty shall also cover the replacement obligation by the sheeting manufacturer as well as contractor for replacement / repair / restoration of the retro-reflective efficiency.

#### VIIIINSTALLATION:-

- (i) Signs posts, their foundations and sign mounting shall be so constructed as to hold these in a proper and permanent position against the normal storm wind loads or displacement by vandalism. Normally signs with an area upto 0.9 square metre shall mounted on a single post, and for greater area two or more supports shall be provided. Sign supports may be of Mild Steel, reinforced concrete or Galvanized Iron (GI) Post-end(s) shall be firmly fixed to the ground by means of properly designed foundation. The work of foundation shall conform to relevant specification as specified.
- (ii) All components of signs and supports, other than the reflective portion Galvanized Iron (GI) posts shall be thoroughly descaled, cleaned, primed and painted with two coats of epoxy paint. Any part of Mild Steel (MS) post below ground shall be painted with three coats of red lead paint.
- (iii) The signs shall be fixed to the posts by welding in the case of steel posts and by bolts and washer of suitable size in the case or reinforced concrete of Galvanized Iron (GI) Posts. After the nuts have been tightened, the tails of the bolts shall be furred over with a hammer to prevent removal.