

No. RW/NH-34059/1/2003-S&R (B)

Dated, the 18th October 2005

To

The Chairman, National Highway Authority of India; The Director General (Border Roads); All Chief Engineers of States/UTs/PWDs (dealing with National Highways and other Centrally financed schemes)

Subject : Empanelment of Suppliers for Expansion Joints – approval of Local Manufacturing of Edge Beam of Single Strip Seal Expansion joint.

Ministry has empanelled various firms vide Ministry's letter at reference (ii) as supplier of expansion joints in collaboration with their foreign manufacturers. Subsequently M/s Sanfield (India) Ltd., Bhopal-462 023, an already empanelled firm was allowed for local manufacturing of edge beam of single gap strip seal in accordance with the approved sectional profile vide page 4/7 of **Annexure-I** of the letter No. RW/NH/34059/1/96-S&R dated 20.02.2001. This approval was valid up to 31st January, 2005.

Now, M/s Sanfield is being allowed to manufacture edge beam locally for single strip seal expansion joints under the license of their foreign principal M/s Watson Bowman Acme, USA for a period of further two years subject to the following conditions:

- 1.1 Sectional profile of the edge beam of single strip seal joint shall be as indicated in page 4/7 of Annex-I of Ministry's letter No. RW/NH-34059/1/96-S&R dated 20.02.2001 and the finished joint including anchorage shall conform to the stipulations in the Revised Interim Specifications (RIS) issued vide Ministry's letter at reference (i) above. Materials used for the manufacturing of the edge beams shall be regularly got tested by the firm from a laboratory accredited by NABL. Consolidated test report will be submitted to the Ministry at the end of every year.
- 1.2 Specification for the joint shall conform to the stipulations in the Ministry's RIS on expansion joints dated 30th November 2000 and 25th January 2001 mentioned at ref. (i) above.
- 1.3 The neoprene sealing element shall continue to be imported from the principal, M/s Watson Bowman Acme, USA and proper record of procurement and supply shall be maintained by M/s Sanfield (I) Ltd., Bhopal and shall be produced for verification by client.
- 1.4 The client shall ensure that all necessary tests to ensure quality are carried out by the firm. Tests normally required to be carried out for the above joint are specified in the RIS. The following additional tests may also be carried out before accepting the joints:
 - (a) Debris expelling tests.
 - (b) Dye powder penetration test for all critical welds.
 - (c) Random checking of paint film thickness by elachometer.
 - (d) Dimensional checks of the finished joints as per approved drawing.
 - (e) Ultrasonic testing.
- 1.5 Standard procedures of sampling shall be adopted for all the above tests.
- 1.6 List of the projects where expansion joints with locally manufactured edge beams supplied by the firm along with the performance thereof will be submitted to the Ministry at the end of every year.
2. The above approval shall be valid up to 31st October, 2007.
3. It is requested that the contents of this circular be brought to the notice of all officers in your Department concerned with bridges on National Highways and other Centrally Sponsored Schemes.