

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

Dated the 28th June, 2004

To

All Chief Engineers of States/UTs/PWDs (dealing with National Highways and other Centrally financed schemes), The Director General (Border Roads), The Chairman, National Highway Authority of India, The Engineer-in-Chief, Municipal Corporation of Delhi.

Subject: Empanelment of suppliers for expansion joints – Reg. approval for local manufacturing of edge beams of single strip seal expansion joints thereof.

Ref.: (i) This Ministry's letter No. RW/NH/34059/1/96-S&R dt. 30.11.2000 & dt. 25.01.01

(ii) This Ministry's letter No. RW/NH/34059/1/96-S&R dated 20.02.01 and letter No. RW/NH-34059/2/2001-S&R(B) dated 14.12.2001.

Provision for allowing local manufacturing of expansion joints has been incorporated in chapter VI of Revised Interim Specifications (RIS) issued by this Ministry vide letter referred (i) above. The empanelled suppliers namely, M/s Z-Tech India Pvt. Ltd., New Delhi and M/s METCO, Kolkata applied for approval and renewal respectively for local manufacturing of edge beams of single gap strip-seal expansion joints in India under licenses from their foreign principal M/s Z. Tech Inc. Canada and M/s Mageba Sa, Switzerland. The applications of M/s Z-Tech India Pvt. Ltd. and M/s METCO have been considered and approved as per the provision of RIS subject to the following conditions:

1.1 The sectional profile of the edge beam of single strip seal joints manufactured by M/s Z-Tech India Pvt. Ltd. and M/s METCO shall be as indicated in page 1/5 of Ministry's letter No. RW/NH-34059/2/2001-S&R(B) dated 14.12.2001 and page 3/7 of Annex-I of Ministry's letter No. RW/NH/34059/1/96/S&R dt. 20.2.2001 respectively (copies enclosed). The finished joints including anchorage shall conform to the specifications given in the RIS.

1.2 The joints shall conform to the specifications given in the Ministry's RIS on expansion joints dated 30.11.2000 and 25.01.2001 mentioned at ref. (i) above.

1.3 The neoprene sealing element shall continue to be imported from the respective principal and proper record of procurement and supply shall be maintained by the firms 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 firms as specified in the RIS. The following additional tests shall be carried out before accepting the joints.

- (a) Debris expulsion test
- (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.

1.5 Standard procedures of sampling shall be adopted for all the above tests.

1.6 The firms licensed for local manufacturing shall maintain records of all expansion joints supplied by them and shall submit the installation and performance reports of the same to the Ministry annually.

2. The above approval shall be valid for a period of 2 years from the date of issue i.e. up to 28.06.2006. For its renewal a certificate that material being used in the edge beam satisfies requirements as per Ministry's/ IRC specifications shall be furnished from a CSIR laboratory or a laboratory having accreditation from National Accreditation Board for Testing and Calibration Laboratories (NABL) along with performance report referred in para 1.6 above, within three months from the date of expiry of renewal.

3. The contents of this circular may please be brought to the notice of all officers in your department concerned with bridges on National Highways and other Centrally sponsored schemes.

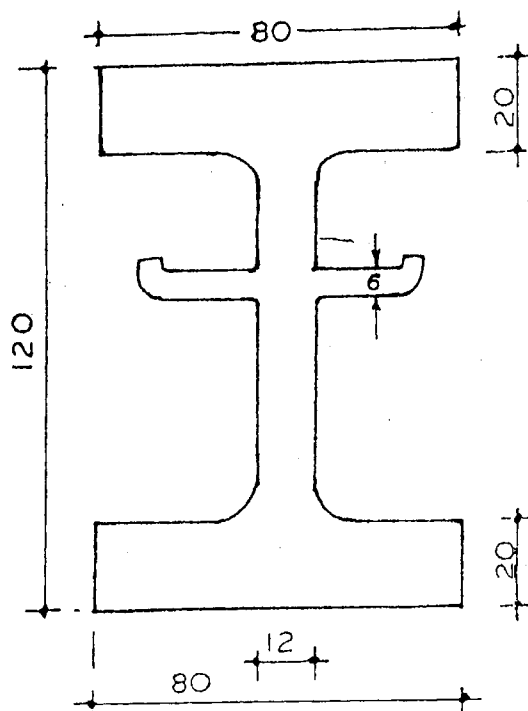
ANNEXURE
PAGE 1/5



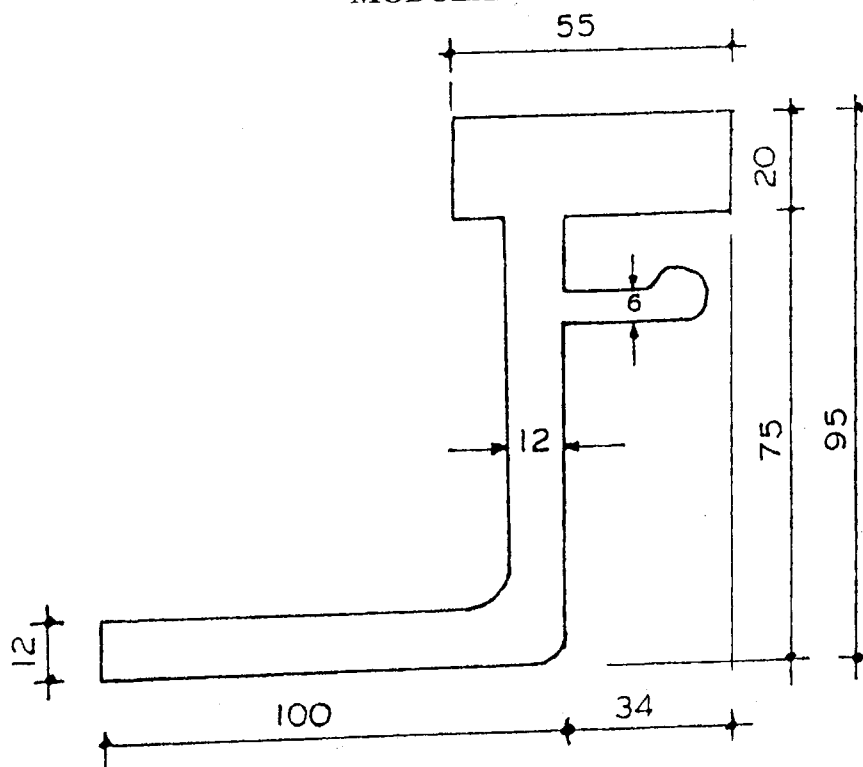
Name of supplier:
Z-TECH (INDIA) PVT. LTD.

MAGEBA SA
EDGE BEAMS & CENTRAL BEAMS
FOR EXPANSION JOINTS

ANNEXURE
PAGE 3/7



CENTRE BEAM/LAMELLA OF MAGEBA
MODULAR EXPANSION JOINT



EDGE BEAM OF MAGEBA STRIP SEAL
(UNITARY & MODULAR JOINT)

Name of Supplier:
METCO PVT. LTD.