

No. RW/NH-33054/39-89-DO II

Dated the 20th April, 1990

To

Chief Engineers of State/UTs, PWDs (dealing with NHs and other Centrally Financed Schemes); Director General (Works), C.P.W.D., Director General Border Roads; Chairman, National Highway Authority

Subject: Supply of elastomeric bearings for bridges on National Highways and under other centrally sponsored schemes.

Bearings are critical elements which effect the serviceability and structural behaviour of highway bridges. In order to ensure that the bearings used are quality products fully complying with the design and specifications given in the IRC:83-1987 (Part II), it is necessary to entrust the supply of such bearings to only competent and experienced manufacturers. Keeping this in view, the Ministry invited applications for prequalification of experienced and competent manufacturers through an open advertisement in leading newspapers. The Ministry appointed a Screening Committee to look into the applications received, which have recommended prequalification of the following firms subject to the conditions enumerated below:

1. The Freyssinet Prestressed Co. Ltd., Bombay.
2. Metal Engineering and Treatment Co. (P) Ltd., Calcutta.
3. Elastomer Bearings Pvt. Ltd, Calcutta.
4. Killick Nixon Ltd., Bombay.
5. Exjomet and Allied Products Pvt. Ltd., Calcutta.
6. Dynamic Polymers, Bombay.

Conditions:

- (i) All the firms listed above have the testing facilities required to carry out tests listed under Cl. 915.2, IRC:83-1987(Pt.II). Testing facilities in-house for conducting adhesion test as per Cl. 915.2.2 shall be installed by 31st July'90.
- (ii) The firms featuring at Sl. No. 1, 4 and 6 shall install the testing facility in-house for conducting chemical tests to meet the requirements of Cl. 915.1.3 of IRC:83-1987 (Part II) by 31st July'90.

2. The State/UT PWDs are requested to report as to whether the firms mentioned in para 1 above have installed in-house the testing facilities for adhesion and chemical tests.

3. The present prequalification of the above manufacturers of elastomeric bearings will be in force upto March, 1992.

4. Quotations for future supplies of elastomeric bearings for bridges on National Highways and under other centrally sponsored projects may be taken only from the firms prequalified and mentioned in para 1 above subject to the conditions stated therein. Further, it will now be mandatory to insist on level-I acceptance testing norm prescribed in IRC:83-1987 (Part II) i.e. at least one extra bearing should be supplied even for smaller lots (number of bearings less than 24) to conduct the required tests on the material from the finished bearings in accordance with the Cl. 918.4.1.2. Note 1. All State/UT PWDs must necessarily depute their own representative for being associated with the inspection of DGS&D or carry out themselves all process and acceptance control tests as per IRC: 83-1987 (Part II).

5. The following undertaking shall be taken from the successful supplier who has been awarded work at the time of each supply:

"We hereby guarantee against defective materials, manufacture, workmanship as well as certify quality assurance at every step of manufacture of - Nos. Elastomeric Bearings supplied by us against your P.O. No. _____ dated _____ to be installed at the _____ (Name of bridge) for a period of 15 years under normal loading, normal traffic and routine maintenance.

We also stand guarantee for the free repair and replacement in part or full, if any, defect is found in the bearings or part thereof within the period of 36 months from the date of supply or 24 months from the date of installation, whichever is earlier, except for defect arising out of theft, pilferage, war, flood, earthquake or any other natural calamity, etc., over which we have no control.

We also give an undertaking that the entire manufacturing process shall be open to inspection by the Agent of the State/UT PWD or their authorised representatives and that all possible help shall be extended in conducting the relevant tests required as per IRC:83 (Pt. II) 1987 and other instructions issued by the Ministry from time to time".

6. A report on the performance of bearings supplied, particularly with reference to any adverse behaviour like bulging, flattening, splitting, etc. may be maintained and sent to the Ministry on a yearly basis.

7. The contents of this letter may be brought to the notice of officers of your Department dealing with works on National Highways and under centrally sponsored schemes.