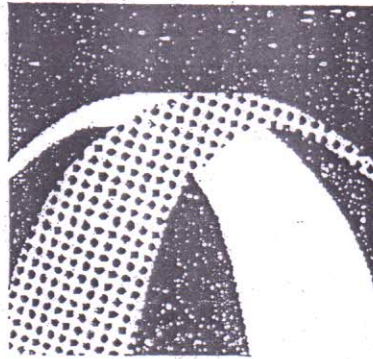


MAHARASHTRA STATE ROAD DEVELOPMENT
CORPORATION LIMITED MUMBAI



B I D D O C U M E N T

F O R

FOUR LANING AND IMPROVEMENTS OF MUMBAI - PUNE
SECTION OF NH-4 (K.M. 131/200 TO K.M. 20/400) ON SELF-
FINANCE ALONGWITH TOLL COLLECTION AND OPERATION AND
MAINTENANCE ON MUMBAI-PUNE SECTION OF N.H.4 AND
EXISTING MUMBAI PUNE EXPRESSWAY

VOLUME - IV

TECHNICAL SPECIFICATIONS AND DESIGN CRITERIA

For Ideal Road Builders Pvt Ltd.

A handwritten signature in black ink, appearing to be a stylized 'V' or 'P' followed by a flourish.

Director

**MAHARASHTRA STATE ROAD DEVELOPMENT
CORPORATION LIMITED, MUMBAI.**

BID DOCUMENT

FOR

**FOUR LANING AND IMPROVEMENTS OF MUMBAI - PUNE
SECTION OF NH-4 (K.M. 131/200 TO K.M. 20/400) ON SELF-
FINANCE ALONGWITH TOLL COLLECTION AND OPERATION
AND MAINTENANCE ON MUMBAI-PUNE SECTION OF N.H.4 AND
EXISTING MUMBAI PUNE EXPRESSWAY**

VOLUME - IV

1. Specifications for road and Bridge works
2. Design standards and Criteria for road works
3. Structural Design criteria for Bridges and C.D. works
4. Specifications and Standards for maintenance works
5. Technical Specifications for Automization of Toll Plaza

ISSUED TO (NAME OF BIDDER)

ON DATE 02-01-04

ACCOUNTANT

*M/s. Ideal Road Builders Pvt.
vide D.D. No. 074023 Dt 12-12
for Rs. 40,000/- of Domestic Na
Sahakar Bank Ltd*

For Ideal Road Builders Pvt. Ltd.



Director

Signature and Designation of

[Signature]
Issuing officer
EXECUTIVE ENGINEER
MAHARASHTRA STATE
ROAD DEVELOPMENT
CORPORATION (LTD.)
MUMBAI-36.

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For Ideal Road Builders Pvt Ltd.



Director

**SECTION - I
SPECIFICATIONS FOR ROAD AND BRIDGE
WORKS**

For Ideal Road Builders Pvt. Ltd.



Director

SECTION - I
SPECIFICATIONS FOR ROAD AND BRIDGE WORKS

1.0 PREAMBLE

The Technical Specifications contained herein shall be read in conjunction with the other Bidding Documents e.g. Vol-I to Vol-VI.

1.1 SITE INFORMATION

The information given hereunder and provided elsewhere in these documents is given in good faith by the Employer but the Contractor shall satisfy himself regarding all aspects of site conditions and no claim will be entertained on the plea that the information supplied by the Employer is erroneous or insufficient.

1.2 GENERAL TECHNICAL SPECIFICATIONS

The General Technical Specifications shall be the "SPECIFICATIONS FOR ROAD AND BRIDGE WORKS" (Forth Revision, August 2001, reprinted in September 2002) issued by Ministry of Surface Transport (Road Wing), Government of India and the Ministry of Road Transport and Highways (formerly the Ministry of Surface Transport) respectively, and published by the Indian Roads Congress. These specification shall be applicable to all items of construction and maintenance work under this project.

Where reference is made in the Contract to specific standards codes to be met by the materials, plant, and other supplies to be furnished, and

work performed or tested, the provisions of the latest current edition of

For Ideal Road Builders Pvt. Ltd.



Contractor

Director

- 1 -

Competent Officer

revision of the relevant standards as on date of tender and codes in effect shall apply, unless otherwise expressly stated in the contract. Where such standards and codes are national, or relate to a particular country or region, other internationally recognised standards which ensure a substantially equal or higher performance than the standards and codes specified will be accepted subject to the Engineer's prior review and written approval. Difference between the standards specified and the proposed alternative standards must be fully described in writing by the Contractor and submitted to the Engineer at least 28 days prior to the date when the Contractor desires the Engineer's approval. In the event the engineer determines that such proposed deviations do not ensure substantially equal performance, the Contractor shall comply with the standards specified in the documents.

1.3 ADDITIONAL TECHNICAL SPECIFICATIONS

The Clauses SP-1 to SP-9 have been added to the 'Specifications for Road and Bridge Works (forth revision, August 2001).

These additional specifications are supplementary to the MORT&H specifications Clause 120, as given in specifications.

CLAUSE SP 1 ADDITIONAL SPECIFICATIONS FOR P.M.C.'s SITE OFFICE

1.1 Permanent features of buildings and facilities needed have been defined below.

1.2 DESCRIPTION OF BUILDING

The Contractor has to arrange to provide office accommodation of carpet area together with all electrical items, water supply and

For Ideal Road Builders Pvt. Ltd.

Director

Contractor

- 2 -

Competent Officer

