

**Maharashtra State
Road Development
Corporation Limited**



No. MSRDC/02/JMD(I)/J.J.Flyover/NOC/2026/**188**
Date: **18.09.2026**

To,

**The Metropolitan Commissioner,
Mumbai Metropolitan Region
Development Authority (MMRDA),
Bandra-Kurla Complex, Bandra (East),
Mumbai - 400 051.**

Sub.: Construction of Underground Road Tunnel Connectivity including approaches on Design Build Basis between Orange Gate, Eastern Freeway to Marine Drive, Coastal Road at Mumbai
Grant of Final NOC to MMRDA for proposed bored twin tunnels crossing below J.J. Flyover at Zohar Chowk along Sardar Vallabhbhai Patel Marg.

- Ref.:**
1. MMRDA letter No. MMRDA/EWT /PADECO/NOC /MSRDCL /141 /2023 dated 23.08.2023.
 2. This office letter No. MSRDC/02/JMD(Engg.)/MMRDA/2023/157 dated 05.09.2023.
 3. M/s. PADECO Co. Ltd. letter No. PCL/MMRDA/EWT/41029/094/2023 dated 14.09.2023.
 4. M/s. Fortress Infracon Ltd. letter No. Fortress/city5 flyover/2021-24/197 dated 05.12.2023.
 5. This office letter No. MSRDC/02/JMD(Engg.)/J.J. fly./NOC/2024/03 dated 03.01.2024.
 6. MMRDA letter No. MMRDA/ED/EWCT/MSRDC/389/08-2025 dated 26.08.2025.
 7. This office letter No. MSRDC/02/JMD(I)/J.J.flyover/2026/15 dated 21.01.2026.
 8. MMRDA letter No. MMRDA/ED/EWCT/MSRDC/616/07-2026 dated 30.07.2026.
 9. Settlement and Impact Analysis Report for Proposed Bored Tunnel under J.J. Flyover crossing at Zohar Chowk, Chainage 1+900.5 (LHS), between J.J. Hospital and Paltan Road, Document No. EWCR-LNT-480-DR-101494, dated 20.03.2026.
 10. IIT Madras vetted/reviewed technical documents submitted by MMRDA /L&T Construction.
 11. This office email dated 19.08.2026.
 12. M/s. Fortress Infracon Ltd., letter No.: Fortress/city 5 flyover/2021-24/618, dated 25.08.2026.

Sir,

With reference to the above subject and the letters cited under reference, and further to the In-Principle No Objection Certificate granted by this office vide reference (5) above, this is to inform that MMRDA, vide reference (8) above, has submitted compliance with the

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GST: 27AAACM6833C1ZP**

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Corporate Office : MSRDC Ltd,
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Floor, Central Tower, N.C. Kelkar Marg,
R.G. Gadkari Chowk, Shivaji Park,
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conditions stipulated in the said In-Principle NOC, along with the Settlement and Impact Analysis Report dated 20.03.2026 (reference (9) above) prepared by the Detailed Design Consultant and reviewed/vetted by IIT Madras, and has requested grant of Final NOC for the proposed bored twin tunnels crossing below the existing J.J. Flyover at Zohar Chowk, in the vicinity of Pier Nos. P17 and P18, along Sardar Vallabhbhai Patel Marg.

The technical documents submitted by MMRDA have been examined by this office. The Settlement and Impact Analysis Report has assessed the effect of Tunnel Boring Machine (TBM) excavation on the foundation of Pier Nos. P17 and P18 of the J.J. Flyover, and the numerical analysis indicates that the induced stresses, displacements and structural forces on the flyover foundation remain within permissible limits. The said report has been independently reviewed/vetted by IIT Madras, in compliance with the condition stipulated in the In-Principle NOC, and the review confirms that the proposed tunneling work is not expected to adversely affect the structural stability of the J.J. Flyover. The matter has also been examined and found acceptable, subject to certain conditions, by the Independent Engineer, M/s. Fortress Infracon Ltd., vide reference (12) above.

In view of the above, and based on the compliance submitted by MMRDA against each of the conditions stipulated in the In-Principle NOC, this office is pleased to grant Final No Objection Certificate (NOC) to Mumbai Metropolitan Region Development Authority (MMRDA) for construction of the proposed bored twin tunnels crossing below the existing J.J. Flyover at Zohar Chowk along Sardar Vallabhbhai Patel Marg, subject to strict compliance with the following conditions:

- (a) The proposed tunneling work shall be carried out strictly in accordance with the drawings, design documents, Settlement and Impact Analysis Report and technical documents submitted to MSRDC and vetted/reviewed by IIT Madras.
- (b) The work shall be executed under the supervision of competent and experienced tunneling and structural engineering professionals.
- (c) MMRDA / L&T Construction shall ensure that the J.J. Flyover and its foundation remain safe and serviceable throughout the tunneling operation.
- (d) The approved instrumentation and monitoring system shall be installed and commissioned before commencement of tunneling in the influence zone of the J.J. Flyover.
- (e) Baseline readings shall be established and regular monitoring shall be carried out during the entire period of tunneling below/near the J.J. Flyover. Vibration sensors

shall be used to measure and monitor frequency, and the J.J. Flyover shall be monitored continuously throughout the tunneling process.

- (f) In case of any abnormal settlement, displacement, vibration, cracking, structural distress or any other adverse observation, the tunneling work shall be stopped immediately and MSRDC shall be informed forthwith.
- (g) MMRDA / L&T Construction shall be solely responsible for any damage or structural distress caused to the J.J. Flyover attributable to the proposed tunneling work and shall undertake the necessary rectification/reinstatement at its own cost.
- (h) All statutory, traffic, safety and other requisite permissions from the concerned authorities shall be obtained before commencement of activities requiring such permissions.
- (i) All safety and security measures shall be strictly implemented during execution of the work.
- (j) No direct or indirect commercial use of the space below the J.J. Flyover shall be permitted.
- (k) Any repair, maintenance, restoration or reinstatement required in future on account of the proposed work shall be undertaken by MMRDA / L&T Construction at its own cost and responsibility.
- (l) After completion of the tunneling operation below/near the J.J. Flyover, MMRDA/L&T Construction shall carry out a detailed Post-Impact Structural Analysis of the J.J. Flyover and its foundation, including assessment of settlement, displacement, vibration and structural condition, and shall submit the duly certified analysis/report and safety certificate of the JJ flyover to MSRDC for record and review.
- (m) This Final NOC is restricted only to the proposed crossing of the J.J. Flyover and shall not be construed as an approval for any other work, modification, loading, commercial use or structural intervention not specifically covered under the submitted proposal.
- (n) Any deviation from the submitted alignment, methodology, structural arrangement, tunnel parameters or construction methodology having a potential impact on the J.J. Flyover shall require prior written approval of MSRDC. MMRDA shall inform MSRDC of any change/modification in the submitted drawings and designs of the tunnel and shall proceed further only after obtaining prior permission.

- (o) This Final NOC shall remain subject to continued compliance with the recommendations of IIT Madras and the approved instrumentation/monitoring scheme, and with the observations/conditions of the Independent Engineer, M/s. Fortress Infracon Ltd. (or any other agency appointed by MSRDC).
- (p) This Final NOC shall not relieve MMRDA, L&T Construction, its consultants or other associated agencies of their respective contractual, statutory and technical responsibilities.
- (q) After the completion of twin tunnels project and its opening to traffic, impact and settlement analysis shall be carried out by Mumbai Metropolitan Region Development Authority (MMRDA) after a regular interval of 1 year as per readings at site to ensure that there is no settlement and damage to J. J. Flyover whatsoever, and a certificate of safety and stability shall be submitted.

This Final NOC is issued on the basis of the technical documents, drawings and reports submitted by MMRDA and reviewed/vetted by IIT Madras, and on the express understanding that MMRDA and its Design & Build Contractor, M/s. L&T Construction, shall remain fully and solely responsible for the safety, stability and serviceability of the J.J. Flyover throughout the period of tunneling and until completion of the work.

This NOC is issued with the approval of the Competent Authority of MSRDC.

Approved by Hon. VC & MD


(Sunil Bhalerao)
Executive Engineer
M.S.R.D.C., Mumbai

Copy submitted to:

1. Hon. VC&MD, M.S.R.D.C., 21st Floor, Kohinoor Square Building, N.C. Kelkar Marg Dadar (W), Mumbai - 400 028.
2. JMD(I), M.S.R.D.C., 21st Floor, Kohinoor Square Building, N.C. Kelkar Marg Dadar (W), Mumbai - 400 028.
3. C.E., M.S.R.D.C., 21st Floor, Kohinoor Square Building, N.C. Kelkar Marg Dadar (W), Mumbai - 400 028.
4. S.E., M.S.R.D.C., 21st Floor, Kohinoor Square Building, N.C. Kelkar Marg Dadar (W), Mumbai - 400 028.

Copy to:

1. M/s. Fortress Infracon Ltd., Lotus Park, 2nd Floor, Road No.16, Wagle Estate, Thane (West) 400 604.