

# MUM-A'HD BULLET TRAIN WORKS IN FULL SWING

## LAST CIVIL CONTRACT FOR 135KM STRETCH AWARDED

Civil work contract for the last package of 135km Mumbai-Ahmedabad bullet train alignment, which includes 7 tunnels and the longest bridge of 2km over Vaitarna river in Maharashtra, has been awarded by the National High Speed Rail Corporation Limited (NHSRCL). With this, all civil work contracts for the project have now been bid out, reports **Manthan K Mehta**

**Other civil packages already awarded by NHSRCL in Maha**

**BKC terminus stations (C1)**

Three-level terminus to have six platforms, each 425m in length

Cost: **₹3,681cr**

Contractor: **M/s MEIL-HCC Joint Venture**

**Elevated corridor between Shilphata and Zaroli village on Maharashtra-Gujarat Border**

Length **135km**  
Viaduct & Bridges **124km**



**Bridges & Crossings | 36**  
(including 12 steel bridges)

**Stations | 3**  
Thane, Virar & Boisar (all elevated)

**Mountain tunnels: 6**

**ENTIRE ROUTE LENGTH**  
Length **508 km**



**Tunnel between BKC to Shilphata (C2)**

Length **21km** | Under creek **7**

The 7km (approx) undersea tunnel at Thane Creek (intertidal zone) will be the first under sea tunnel in the country

Contractor: **Afcons Infrastructure Ltd**

Cost: **₹6,400cr**

**River Bridges | Ulhas River, Vaitarna & Jagani**

Contractor: **Larsen and Toubro**

Cost: **₹15,697 cr**





## **L&T ARM BAGS MEGA CONTRACT FROM NHSRCL**

**New Delhi, July 21:** Infrastructure major Larsen and Toubro that its construction unit, L&T Construction, has bagged a 'mega' contract from the National High-Speed Rail Corporation Limited (NHSRCL) to construct the 135.45 km stretch MAHSR C3 package, which is part of the Mumbai Ahmedabad High-Speed Rail Project.

The scope for the package includes the construction of viaducts, stations, major river bridges, depots, tunnels, earth structures, stations, and other auxiliary works.

The approximately 508 km Mumbai-Ahmedabad High-Speed Rail project, also called the MAHSR Bullet Train project, will cover 155.76 km in Maharashtra, 4.3 km in the Union Territory of Dadra & Nagar Haveli and 348.04 km in Gujarat with 12 stations along the route.

The company, however, did not reveal the financial value of the contract. As per the project classification, a mega order is worth more than ₹7,000 crore. —PTI

## **L&T bags high-speed rail project worth ₹7,000 crore**



**Mumbai:** Larsen & Toubro (L&T) Heavy Civil Infrastructure business has been awarded the mandate to construct 135.45 km of the Mumbai-Ahmedabad High-Speed Rail Project (Bullet train) worth ₹7,000 crore. The 508-km high-speed railway corridor's first phase is expected to be operational in 2026. The trains will operate at a speed of 320 km/hour. OUR BUREAU

# Bullet Train project: Civil contracts for all stretches awarded

**NHSRCL awards last civil package of 135 km including 7 tunnels and 2-km bridge**



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**C**ivil contracts for all stretches of the bullet train project between Ahmedabad and Mumbai have been awarded. NHSRCL awarded the last civil package having 135 km of Mumbai-Ahmedabad HSR alignment including 7 tunnels and the longest bridge of 2 km over Vaitarna river in Maharashtra.

This also marks the award of all the 11 civil packages of 508 km long MAHSR corridor, comprising 465 km long viaducts, 12 HSR stations, 3 rolling stock depots, 28 steel bridges comprising 10 km of viaduct, 24 river bridges, 9 tunnels including 7 km long India's first

undersea tunnel. The MAHSR corridor is divided into 28 contract packages, out of which 11 are civil packages, which were awarded in a span of 33 months. The first civil contract for the construction of 237 km viaducts including 4 HSR stations (Vapi, Bilimora, Surat & Bharuch) and Surat rolling stock depot in the state of Gujarat was awarded on 28th October 2020, which was also the largest civil contract awarded in India. And the last civil contract of 135 km viaduct with 3 HSR stations (Thane, Virar and Boisar) in Maharashtra was awarded on 19th July 2023.

This mega infrastructure project is expected to consume 1.6 Cr Cum of cement and 17 lakh MT of steel and act as catalyst to give cement and steel industries a boost.

Thane, Virar, Boisar station will be operated by LT

# ठाणे, विरार, बोईसर स्थानकाचे काम एलटी करणार

## मुंबई : पुढारी वृत्तसेवा

मुंबई - अहमदाबाद बुलेट ट्रेनच्या मार्गातील ठाणे, विरार आणि बोईसर या तीन स्थानकांच्या बांधकामासाठी हाय-स्पीड रेल कॉर्पोरेशन लिमिटेडने लार्सन अँड टुब्रोला १५ हजार ६९७ कोटी रुपयांचे कंत्राट दिले आहे. लवकरच या तिन्ही स्थानकांचे बांधकाम सुरु होणार असून ही स्थानके एलिव्हेटेड असणार आहेत. दरम्यान भूमिगत बीकेसी स्थानकाचे बांधकाम सुरु झाले आहे.

राज्यात सत्तांतर झाल्यानंतर मुंबई-अहमदाबाद बुलेट ट्रेनच्या कामांनी वेग घेतला आहे. यापूर्वी बीकेसी स्थानक (भूमिगत) आणि ठाणे खाडीतील सागरी बोगद्याकरिता निविदा काढल्या आहेत. आता तिसऱ्या टप्प्यात तीन स्थानकांसाठी निविदा काढण्यात आली. स्थानकांवर तिकीट आणि प्रतीक्षा क्षेत्र,

बिझनेस-क्लास लाउंज, नर्सरी, रेस्टरूम, स्मोकिंग रूम, माहिती कियोस्क, प्रासंगिक किरकोळ केंद्रे आणि सार्वजनिक माहिती आणि घोषणा प्रणाली यांचा समावेश असणार आहे. उ-३ नावाचे शेवटचे नागरी पॅकेज महाराष्ट्र-गुजरात सीमेवरील शिळफाटा

## १५,६९७ कोटींचे कंत्राट

आणि झरोली गावादरम्यान १३५ किमी अंतराकरिता आहे.

बुलेट ट्रेन मार्गावर तीन स्थानके, सहा बोगदे आणि वैतरणा नदीवर २ किमी लांबीचा सर्वात लांब पूल बांधण्याच्या कामाचाही यात समावेश आहे. एकूण ५०८ किमी लांबीच्या या मार्गातील सर्व ११ नागरी पॅकेजचे कंत्राट देण्याचे काम पूर्ण झाले आहे.

यात ४६५ किमी लांबीचे मार्ग, १२ स्थानके, ३ रोलिंग स्टॉक डेपो, २८ पोलाद पूल, २४ नदी पूल, ९ बोगदे यासह ७ किमी लांबीचा भारतातील पहिल्या सागरी बोगद्याचा समावेश आहे. हा संपुर्ण कॉरिडॉर २८ कॉन्ट्रॅक्ट पॅकेजेमध्ये विभागलेला आहे.

या प्रकल्पात १.६ कोटी घनमीटर सीमेंट आणि १७ लाख मेट्रिक टन स्टीलचा वापर अपेक्षित आहे. बांधकामाला गती देण्यासाठी, भारतात प्रथमच, ४० मीटर लांबीचे ९७० टन वजनाचे फुल स्पॅन गर्डर एका प्रकारच्या फुल स्पॅन लॉन्चिंग इन्फ्रामेंट सेटद्वारे लॉन्च केले आहेत. हे तंत्रज्ञान पारंपारिक सेगमेंट लॉन्चिंग तंत्रज्ञानापेक्षा सुमारे १० पट वेगवान आहे. गुजरातमधील ३५२ किमी ट्रॅकच्या कामाच्या निविदाही मंजूर झाल्या आहेत.



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