

Bullet train: Technical bids opened for 21km tunnel

Mumbai: The National High Speed Rail Corporation Ltd (NHSRCL), which is executing the Mumbai-Ahmedabad bullet train project, opened the technical bids for the construction of a 21km tunnel between Bandra-Kurla Complex (BKC) and Shilphata in Thane district on Thursday. Of the 21km tunnel, 7km will be under the sea.

The tunnel will ensure protection to the bird sanctuary and mangroves around Thane creek.

Two bids have been received from Afcons Infrastructure Limited and Larsen & Toubro Limited. The final bidder will be selected after opening of the financial bids in a few months.

As per the NHSRCL, the tunnel will be a single-tube twin-track structure having a diameter of 13.1m at depths ranging from 25-40m below the ground.

Of its 21km length, three tunnel-boring machines will build 15.4km of the structure, while the remaining stretch will see the work being done as per the New Austrian Tunnelling Method, said officials.

“The tunnel will cross Thane creek and the survey work under the creek was done using underwater static refraction technique and was successfully completed. The NHSRCL has showcased facade designs of Bandra-Kurla Complex, Virar, Boisar, and Thane stations for the bullet train in Maharashtra,” an official said. TNN & PTI

► **HC junks plea, P4**

Bullet train: Tech bids for undersea tunnel opened

Mumbai : The technical bids for the construction of a 21km tunnel, 7km of which will be under the sea, as

part of the Mumbai-Ahmedabad High Speed Rail Corridor, popularly called the Bullet train project, was opened on Thursday.

Two bids have been received from Afcons Infrastructure Limited and Larsen & Toubro Limited for the C-2 package between Bandra-Kurla Complex in Mumbai and Shilphata in Thane, a National High Speed Rail Corporation Limited (NHSRCL) spokesperson said. After technical evaluation, financial bids will be opened.

As per NHSRCL, the tunnel will be a single-tube twin-track structure with a diameter of 13.1m at depths ranging from 25-40 metres below the ground. Of its 20.37km length, three tunnel boring machines (TBMs) will build 15.42km of the structure, while the remaining 4.96km stretch will see the work being done as per the New Austrian Tunnelling Method (NATM).

"The tunnel will cross Thane creek and the survey work under the creek was done using underwater static refraction technique and was successfully

completed. PUJ
per: FreePressJ

'Mumbai-Ahmedabad Bullet' train project's underwater route work speeds up.

म. टा. प्रतिनिधी, मुंबई

मुंबई-अहमदाबाद बुलेट ट्रेन प्रकल्पाच्या मुंबईतील कामासह पाण्याखालील मार्गाला गती देण्यासाठी गुरुवारी निविदा उघडण्यात आल्या. या कामासाठी अफकॉन्स आणि एल अँड टी या कंपन्यांनी स्वारस्य दाखवले आहे.

मुंबई विभागात वांद्रे-कुर्ला संकुल ते शिळफाटादरम्यान २१ किमीचा भुयारी बुलेट मार्ग (सी-२) असून, यात सात किमी खाडीखालील मार्गाचा समावेश आहे. यासाठी तांत्रिक निविदा सादर करण्यात आल्या आहेत. याची छाननी

'मुंबई-अहमदाबाद बुलेट' च्या पाण्याखालील मार्गाला गती

तांत्रिक निविदेत
दोन कंपन्यांचा
सहभाग

केल्यानंतर काही महिन्यांमध्ये आर्थिक निविदा उघडून कंत्राटदार नियुक्त करण्यात येणार आहे. दरम्यान, खाडी परिसरातील खारफुटीचे संरक्षण आणि



- सात किमी मार्ग खाडीखालून
- अफकॉन्स, एल अँड टीकडून निविदेला प्रतिसाद
- निविदांच्या छाननीनंतर कंत्राटदाराची नियुक्ती

संवर्धन करून भुयारी बुलेट मार्गाचे 'नॅशनल हायस्पीड रेल्वे कॉर्पोरेशन'ने काम करण्यात येणार असल्याचा दावा केला आहे.

गुजरात आणि दादरा नगर हवेलीमधील बुलेट ट्रेन कामाची

निविदा प्रक्रिया १०० टक्के पूर्ण झाली आहे. याठिकाणी कंत्राटदार नियुक्त करण्यात आला असून, आवश्यक खांब उभारण्यास सुरुवात झाली आहे. महाराष्ट्रातील बुलेट ट्रेनचे काम विविध टप्प्यांत होणार आहे. वांद्रे-कुर्ला संकुल बुलेट ट्रेन टर्मिनसच्या (सी-१) आर्थिक निविदा खुल्या झाल्या असून, संबंधित कंत्राटदाराच्या कागदपत्रांची छाननी सुरू आहे. ठाणे, विरार,

बोईसरसाठी (सी-३) १५ मार्चला निविदा उघडण्यात येणार आहेत. तर, राज्यातील बुलेट आगरासाठी निविदा २२ डिसेंबर २०२२ला मागविण्यात आल्या असून, २६ एप्रिलला त्या खुल्या होणार आहेत.

राज्यात बुलेट ट्रेनचे काम वेगाने पूर्ण होण्यासाठी नुकत्याच सादर झालेल्या अर्थसंकल्पात भरीव निधीची तरतूद करण्यात आली आहे. यामुळे गुजरातप्रमाणे महाराष्ट्रातही प्रकल्पाचे काम वेगाने पूर्ण करण्यात येणार असल्याचा विश्वास बुलेट ट्रेन प्रकल्पातील अधिकार्यांनी व्यक्त केला.

2 firms in race to build undersea tunnel for bullet train project

AJITH ATHRADY
NEW DELHI, DHNS

Larsen & Toubro and Afcons Infrastructure are in the race to bag the construction of a 21-km-long tunnel, including the country's first 7-km-long undersea tunnel in Maharashtra for Mumbai-Ahmedabad bullet train.

The 21 km tunnel will be constructed at Thane creek between underground stations at Bandra-Kurla Complex and Shilphata in Maharashtra.

In September last year, the NHSRCL (National High Speed Railway Corporation Limited) invited bids for the tunnelling works using a combination of tunnel boring machines (TBM) and the New Austrian Tunneling Method (NATM) for the Mumbai-Ahmedabad High-Speed Rail Corridor.

"The bids for construction of the 21-km-long tunnel, including India's first 7-km-long undersea tunnel in Maharashtra for the Mumbai-Ahmedabad High Speed Rail Corridor, were opened on February 9, 2023. Afcons Infrastructure Limited and Larsen & Toubro Limited have submitted their bids," spokesperson from NHSRCL said.

After technical evaluation, financial bids will be opened, spokesperson said. A 7 km undersea tunnel for the bullet train project will be constructed to save about 12 hectares of mangrove forests in Thane creek. This will increase the construction cost of the project's 21-km-long stretch from Bandra Kurla Complex Station to Shilphata, from Rs 100 crore to Rs 10,000 crore.

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TNN & AGENCIES

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