

## ORDER

**Sub:** Detailed Project Report (DPR) for Metro Line-III & IV and Validation of DPR for Metro Line-II of Navi Mumbai.

- Approval -

Board Approval-

The Board Resolution No. 12136 dtd. 18.02.2019.

**"RESOLVED THAT** the Board do and hereby take the note of the Detailed Project Report (DPR) for Metro Line-III & IV and Validation of DPR for Metro Line-II of Navi Mumbai Metro Project submitted by M/s. RITES Ltd. and accords Approval for the DPR submitted by M/s. RITES Ltd."

**"RESOLVED FURTHER THAT** the Board accords Administrative Approval to implement Navi Mumbai Metro Line-III (Pendhar to MIDC) for Rs. 1750.14 Crs".

**"RESOLVED FURTHER THAT** the Board accords Revised Administrative Approval regarding implementation of Navi Mumbai Metro Line-II (MIDC to Khandeshwar) for Rs. 2820.20 Crores".

**"RESOLVED FURTHER THAT** the Board accords Approval for submission a formal detailed proposal to MIDC to finalize the proportionate cost sharing (50:50) for implementation of Navi Mumbai Metro Line-III (Pendhar to MIDC) for Rs. 1750.14 Crs and to raise the demand of proportionate cost as per cost estimate of Line-III (Rs 1750.14 Crs) submitted by M/s RITES Ltd".

**"RESOLVED FURTHER THAT** the Board accords Approval to approach Govt. of Maharashtra for seeking the Notification of Alignment from Ministry of Urban Development, Govt. of India, under 32 of the Metro Railways (Construction of Works) Act, 1978 for implementation of Navi Mumbai Metro Line-III (Pendhar to MIDC), Line-II (MIDC to Khandeshwar) under Central Metro Acts".

**"RESOLVED FURTHER THAT** the Board accords Approval to approach Govt. of Maharashtra for issuance of further order to revoke the Notification towards authorization issued for construction and maintenance of a Tramway / Metrorail system as Navi Mumbai Metro Rail Project, Corridor-I, Line 1 (Belapur to Pendhar) and Line 2 (MIDC to Khandeshwar), out of the Belapur- Kharghar- Taloja- Kalamboli- Khandeshwar corridor as specified in the said notification under Tramways Act, 1886 (Act No.11 of 1886) after receipt of the Notification

of Alignment from MoUD, GoI, under 32 of the Metro Railways (Construction of Works) Act, 1978 for implementation of Navi Mumbai Metro Line-III (Pendhar to MIDC) & Line-II (MIDC to Khandeshwar) & Line-IV (Khandeshwar to NMIA) under Central Metro Acts”.

**“RESOLVED FURTHER THAT** the Board do and hereby take the note of the Detailed Project Report (DPR) recommendations submitted by M/s. RITES Ltd. and accords Approval for the recommendations submitted by M/s. RITES Ltd. under Chapter 10 of the Detailed Project Report (DPR) for Metro Line-III & IV and Validation of DPR for Metro Line-II of Navi Mumbai Metro Rail Project submitted during May 2018, having heading as **Cost Estimates and Financials** dealing with Preliminary Cost Estimates, Operation and Maintenance Costs, Economic Analysis, Financial Analysis, Funding Options, Financing Models adopted in Indian Cities, Financing Options for Navi Mumbai MRTS, Proposed Funding pattern for the Project, Implementation Plan and Way Forward”.

**“RESOLVED FURTHER THAT** the Board accords Approval for Appointment of IIT-Bombay as the Third Party Quality Auditor (TPQA) for various civil works of Navi Mumbai Metro Rail Project Line – III and II”.

**“RESOLVED FURTHER THAT** Board accords Approval to approach GoM and GoI for availing Central Assistance for Implementation of Navi Mumbai Metro Line-II, III, in accordance with Metro Rail Policy-2017 based on the Recommendations given by M/s. RITES Ltd. in the DPR. The economic internal rate of return (EIRR) for the three lines of Navi Mumbai Metro comes out to be 15.60 % for the duration of 30 years of project period including 5 years of construction period which is above the established cut-off criterion of 14% for infrastructure projects as per Metro Rail Policy-2017 resulting this project viable to avail funding under Central Assistance for Implementation of Navi Mumbai Metro Line-II, III. As per para no. xiv of Metro Rail Policy-2017 by GoI, Private participation either for complete provisioning of Metro Rail or some unbundled components will form an essential requirement for all Metro Rail Project proposals seeking Central Financial assistance. RITES Ltd. has recommended Central Financial Assistance Funding pattern under SPV Model for Navi Mumbai Metro Line-2,3,4 (Table 10.25 and Figure 10.11). Further it is necessary to seek approval for the Way Forward recommendations given by RITES Ltd. in the DPR under Chapter 10.9.3 for actions to be initiated for implementing the Navi Mumbai Metro Project Line – II, III”.



**RESOLVED FURTHER THAT** the Board do and hereby authorize VC&MD/Jt. MD/CE(NM) to take action for implementation of the above resolutions."

The Original File no. 01/2019 of SE(Metro-II) on the subject containing noting side N/1 to N/16 and correspondence side C/1 to C/754 along with booklet of Detailed project report is retained in this office vide file No. **6034**.

A copy of order is being forwarded to SE (Metro-II) for the further necessary action please.

  
08/04/2019  
EXECUTIVE ENGINEER (NM)

SE (Metro-II)

C.C. to: CE(NM) /ACE(I & Metro)/FA/ Ch.Eco./OA(NM)/Nodal file /Select File