

**Addendum-1**

**'Licensing of Space for providing Shared Mobile (Cellular) Coverage at Mumbai Metro Line 3' RFP**

Date: 28 April 2023

Ref: RFP for 'Licensing of Space for providing Shared Mobile (Cellular) Coverage at Mumbai Metro Line 3'  
eTender No. MMRCL/Planning/PLN/49A/NFBR/RFP/01/2023 dated 13-Apr-2023 -  
[https://mmrcl.com/sites/default/files/MMRC\\_NFBR\\_Cellular\\_Coverage\\_RFP.pdf](https://mmrcl.com/sites/default/files/MMRC_NFBR_Cellular_Coverage_RFP.pdf)

Please note the following amendments to the aforesaid RFP considering various requests and queries/ clarifications sought by bidders -

SN	Original Clause	
1	<b>3.6 Scope of the License:</b> b) Station Wi-Fi to access data while at the stations (free PM-Wani enabled Wi-Fi for 30 minutes for all passengers; in-train / tunnel Wi-Fi is not included under this License); MMRCL reserves the right to separately contract with vendors for closed-loop Wi-Fi to access specific suite of content through mobile applications.	<b>3.6 Scope of the License:</b> Sub-clause (b) stands deleted; b) Station Wi-Fi to access data while at the stations (free PM-Wani enabled Wi-Fi for 30 minutes for all passengers; in-train / tunnel Wi-Fi is not included under this License); MMRCL reserves the right to separately contract with vendors for closed-loop Wi-Fi to access specific suite of content through mobile applications.  <i>Additionally, all references to Wi-Fi in the RFP stands deleted.</i>
2	<b>3.7 Eligibility Criteria &amp; Tender Structure: Technical Eligibility Criteria:</b> Access Service License/IP Registration Certificate issued from Department of Telecommunication of Govt. of India	<b>3.7 Eligibility Criteria &amp; Tender Structure: Technical Eligibility Criteria:</b> Access Service License/ IP-1 Registration Certificate/ Unified License Virtual Network Operator (UL/VNO) issued from Department of Telecommunication of Govt. of India.
3	<b>3.7 Eligibility Criteria &amp; Tender Structure:</b> (New Addition)	<b>3.7 Eligibility Criteria &amp; Tender Structure:</b> vi) Parent Entity credential shall be permitted towards technical and financial eligibility criteria as long as the Bidding Entity is a wholly owned subsidiary of the Parent Entity, along with an undertaking from the Parent Entity that all obligations of the Bidding Entity is guaranteed by the Parent Entity. Procurement of equipment shall be in line with the Government of India 'Make in India' requirements.
4	<b>3.7 Eligibility Criteria &amp; Tender Structure: Financial Eligibility Criteria:</b> Minimum average annual turnover of Rs 100 Crore in the preceding three financial years.	<b>3.7 Eligibility Criteria &amp; Tender Structure: Financial Eligibility Criteria:</b> Minimum average annual turnover of Rs 100 35 Crore in the preceding three financial years.
5	<b>3.7 Eligibility Criteria &amp; Tender Structure: Technical Eligibility Criteria:</b> Experience of IBS installations & operations for at least (i) 1 metro line with at least 4 underground stations OR (ii) 2 airports OR (iii) 10 government/ institutional / commercial buildings with built-up area of at least 10 lakh sqft each involving basement coverage during the last 10 years (not older than FY2013-14)	<b>3.7 Eligibility Criteria &amp; Tender Structure: Technical Eligibility Criteria:</b> Experience of IBS installations & operations for at least (i) 1 metro line with at least 4 underground stations OR (ii) 2 airports OR (iii) 10 5 government/ institutional / commercial buildings with built-up area of at least 10 lakh sqft each involving basement coverage during the last 10 years (not older than FY2013-14)

SN	Original Clause	
6	<p><b>3.8 Key Commercial Terms: Number of MSPs to be onboarded:</b> At least 3 Mobile Service Providers (MSPs: Airtel, Jio, Vi) are required to be onboarded by the metro Revenue Operations Date (ROD), and additional Govt. MSP MTNL to be onboarded within 1 year from ROD.</p>	<p><b>3.8 Key Commercial Terms: Number of MSPs to be onboarded:</b> At least 3 Mobile Service Providers (MSPs: Airtel, Jio, Vi) are required to be onboarded by the metro Revenue Operations Date (ROD), and additional Govt. MSP MTNL/BSNL to be onboarded within 1 year from ROD.</p> <p><i>Additionally, all references to MSP MTNL in the RFP shall be read as MSP MTNL/BSNL.</i></p>
7	<p><b>3.8 Key Commercial Terms: Number of MSPs to be onboarded:</b> As a part of the Technical Bid submission, Bidders are required to furnish Letter of Intent (LoI) from at least 2 out of 3 MSPs (Airtel, Jio, Vi) including agreement on acceptability of design and technical details along with their Technical Bid which demonstrates their ability to onboard the MSPs if the License is awarded to them.</p>	<p><b>3.8 Key Commercial Terms: Number of MSPs to be onboarded:</b> As a part of the Technical Bid submission, Bidders are required to furnish Expression of Interest Letter of Intent (LoI)/Commitment to Onboard from at least 2 MSPs along with their Technical Bid which demonstrates their ability to onboard the MSPs if the License is awarded to them.</p>
8	<p><b>3.8 Key Commercial Terms: Number of MSPs to be onboarded:</b> In case the Licensee fails to comply with the provisions of the mandatory tie ups with MSPs, the Authority reserves the right to ask individual / group of MSPs to propagate their signals in licensed premises over the same infrastructure provided by the Licensee.</p>	<p><b>3.8 Key Commercial Terms: Number of MSPs to be onboarded:</b> In case the Licensee fails to comply with the provisions of the mandatory tie ups with MSPs, the Authority reserves the right to ask individual / group of MSPs to propagate their signals in licensed premises over the same infrastructure provided by the Licensee. Authority reserves the right to appropriately recover the charges from MSPs propagating the signal.</p>
9	<p><b>3.8 Key Commercial Terms: Number of MSPs to be onboarded:</b> License Fee quoted will be for onboarding up to 4 MSPs; in case additional MSPs are onboarded, License fee shall be increased by 20% for every additional MSP onboarded.</p>	<p><b>3.8 Key Commercial Terms: Number of MSPs to be onboarded:</b> License Fee quoted will be for onboarding up to 4 MSPs; in case additional MSPs are onboarded, License fee shall be increased by 20% for every additional MSP onboarded. For other service providers that may come onboard in the future, additional License Fee shall be proposed by the Licensee and shall be subject to approval by MMRCL.</p>
10	<p><b>3.8 Key Commercial Terms: Electricity &amp; Utilities:</b> Separate meter shall be procured and installed by the Licensee based on recommendation of Discom as advised by the Authority; utility charges for electricity for all telecom installations including Wi-Fi to be paid directly by the Licensee to the Discom within the prescribed due date.</p>	<p><b>3.8 Key Commercial Terms: Electricity &amp; Utilities:</b> Separate meter shall be procured and installed by the Licensee based on recommendation of Discom as advised by the Authority; utility charges for electricity for all telecom installations including Wi-Fi to be paid directly by the Licensee to the Discom within the prescribed due date. Additionally, Licensee shall make appropriate provisions for their equipment, including UPS for power backup, and is expected to install infrastructure in line with industry best practices after due approval from MMRCL.</p>
11	<p><b>3.8 Key Commercial Terms: Electricity &amp; Utilities:</b> The Licensee shall be permitted to utilize the spare OFCs available with the OFC Licensee of MMRCL, appointed through separate tender, at negotiated commercial rates. Alternatively, the Licensee may be provided Right of Way (RoW) to install their own OFCs to provide connectivity to the telecom infrastructure and permitted to take fibre from outside to the Telecom Carrier Room (TCR).</p>	<p><b>3.8 Key Commercial Terms: Electricity &amp; Utilities:</b> The Licensee shall be permitted to utilize the spare OFCs available with the OFC Licensee of MMRCL, appointed through separate tender, at negotiated commercial rates. <del>Alternatively, the Licensee may be provided Right of Way (RoW) to install their own OFCs to provide connectivity to the telecom infrastructure and permitted to take fibre from outside to the Telecom Carrier Room (TCR).</del> OFC connectivity is available from surface level (at any one entry of the station) to Telecom Carrier Room (TCR) through Telecom Equipment Room (TER) and also OFC is available in both tunnels with dropping at stations in TER. However, as per design, if any connectivity is required for repeaters in the tunnel, then Licensee may have to lay separate small capacity OFC inside the tunnel for which Right of Way (RoW) will be provided by MMRCL.</p>
12	<p><b>3.8 Key Commercial Terms: Space Available:</b> 10 sqm earmarked at each station and access to cable trays inside tunnels.</p>	<p><b>3.8 Key Commercial Terms: Space Available:</b> 10 sqm earmarked at each station (at the Telecom Carrier Room at the platform level only) and access to cable trays inside tunnels.</p>

SN	Original Clause	
13	<b>3.9.16 (ii) Obligations under this License:</b> Licensee shall ensure that passengers using metro train services will get uninterrupted mobile coverage without any interruption in underground section as described in Scope of this document.	<b>3.9.16 (ii) Obligations under this License:</b> Licensee shall ensure that passengers using metro train services will get uninterrupted mobile coverage without any interruption in underground section as described in Scope of this document. For any downtime outside the control of the Licensee, the Licensee shall submit a letter to MMRCL, in writing, specifying the duration and reasons for such downtime, and MMRCL shall take cognizance of the same on a case to case basis.
14	<b>3.9.16 (iv) Obligations under this License:</b> Repeaters to be placed inside the tunnel with the spacing of 100-200 metres, while master unit remains at the platform. Clamps for the same will have to installed by the Licensee at its own cost.	<b>3.9.16 (iv) Obligations under this License:</b> Repeaters to be placed inside the tunnel with the spacing of approximately 100-200 metres, while master unit remains at the platform. Clamps for the same will have to installed by the Licensee at its own cost.
15	<b>3.9.16 (v) Obligations under this License:</b> It requires that the Radio system shall have an overall availability of better than 99.95%. The signal level should be such that the uplink and down link audio quality level under such conditions should be good.	<b>3.9.16 (v) Obligations under this License:</b> It requires that the Radio system shall have an overall availability of better than 99.95% for period of passenger operations. The signal level should be such that the uplink and down link audio quality level under such conditions should be good.

Sd/-

**Executive Director (Planning)**  
**Mumbai Metro Rail Corporation Limited**

**DISCLAIMER:**

All information provided as a part of this Addendum to Request for Proposal (RFP) to the prospective Bidding Entities by Mumbai Metro Rail Corporation Limited (MMRCL) is subject to the terms and conditions as laid down in the RFP. The objective of this Addendum to RFP is to provide information to the interested entities and to facilitate their application for the same. MMRCL makes no representation or gives any warranty and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of this document. Interpretation of the clauses in the RFP is at the sole discretion of MMRCL. Each Bidding Entity is advised to conduct its own assessment of the opportunity and obtain independent advice from appropriate sources as deemed necessary. MMRCL may, at their absolute discretion construe and interpret the clauses of this RFP, and without being under any obligation to do so, publish further addenda to this RFP document or terminate the same.

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