



LUCKNOW METRO RAIL CORPORATION LIMITED

Administrative building, Vipin Khand, Gomti Nagar, Lucknow - 226010

E-mail id- cecontractlmrc@gmail.com

No. LMRC/LKIBS-01

Date: 17/09/2018

To,
All Bidders

Subject: - Addendum-3 to Tender LKIBS-01.

Ref:- Tender LKIBS-01: Licensing of Space for In-building Solutions (IBS) for Providing Shared Mobile (Cellular) Coverage (2G/3G/4G) in Tunnels Section and Underground Stations of: CCS Airport, Hussainganj, Sachivalaya and Hazratganj of North-South Corridor of Lucknow Metro Network.

Dear Sir,

Please find enclosed herewith the Addendum-3 to the tender document for tender LKIBS-01 along with the summary sheet.

Further, the Tender submission & opening dates are same as per previous issued Notice (dated 06.09.2018) viz.:-

- Last Date & Time of Submission of Bid - **20.09.2018 upto 15:00 Hrs.**
- Date & Time of Opening of Technical Bids - **20.09.2018 @ 15:30 Hrs.**

Enclosure: As Above

for

Chief Engineer/Contract

Summary Sheet of ADDENDUM No.- 03: Contract LKIBS-01

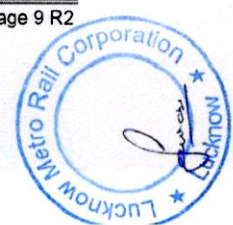
Contract LKIBS-01: Licensing of Space for in-house IBS Solutions (IBS) for Providing Shared Mobile (Cellular) Coverage (2G/3G/4G) in Tunnels Section and Underground Stations of: CCS Airport, Hussainganj, Sachivalaya and Hazratganj of North-South Corridor of Lucknow Metro Network.

S. NO.	Existing Clause / Pg. No.	Clause in Existing Tender Document & Addendum-02	Revised Clause	Revised Clause placed as Annexure/ Pg. No.
1	Clause 4.3 (g) of Tender Document, Page No. 9R1	(g) Maximum three operators shall be allowed as per this Bid Document to carry out the Permitted Activity. The Licensee shall obtain prior permission from LMRC to include/exclude any service provider in the IBS. Inclusion of additional telecom operator, above limit of 3 (three), shall increase the License Fee by 20% for each new telecom operator. The Licensee shall endeavour to have tie-ups with all mobile service providers of Lucknow zone for the authority to receive their signals and propagate them. However tie-up with at least two (2) <u>one (1)</u> mobile service providers shall be mandatory <u>on the date of ROD/commencement of License Fee, whichever is later. Licensee shall attain minimum two (2) mobile service provider within six (6) months of date of ROD/commencement of License Fee, whichever is later.</u> Non-provisioning of mobile signals, as above, shall be treated as Material Breach of Contract/Event of Default on the part of Licensee. Further, the agreement between Licensee and the operators shall cease in case of termination of License Agreement entered between Licensee and LMRC. In case licensee fails to comply to the provision of tie ups with mobile operators as described above, LMRC reserves the right to ask individual/group of mobile operator to propagate their signals in licensed premises.	(g) Maximum three operators shall be allowed as per this Bid Document to carry out the Permitted Activity. The Licensee shall obtain prior permission from LMRC to include/exclude any service provider in the IBS. Inclusion of additional telecom operator, above limit of 3 (three), shall increase the License Fee by 20% for each new telecom operator. The Licensee shall endeavour to have tie-ups with all mobile service providers of Lucknow zone for the authority to receive their signals and propagate them. However tie-up with at least two (2) <u>one (1)</u> mobile service providers shall be mandatory <u>on the date of ROD/commencement of License Fee, whichever is later. Licensee shall attain minimum preferably two (2) mobile service provider within six (6) twelve (12) months of date of ROD/commencement of License Fee, whichever is later.</u> Non-provisioning of mobile signals, as above, shall be treated as Material Breach of Contract/Event of Default on the part of Licensee. Further, the agreement between Licensee and the operators shall cease in case of termination of License Agreement entered between Licensee and LMRC. In case licensee fails to comply to the provision of tie ups with mobile operators as described above, LMRC reserves the right to ask individual/group of mobile operator to propagate their signals in licensed premises.	Annexure-1, Page No. 9R2 <i>The effect of these changes shall be applicable on all the relevant Clauses of Tender Document and Draft License Agreement.</i>
2	S.No. 8 & 9 of Clause 1.3(b) Notice Inviting Tender (NIT), Page 1 R2	8. Last Date & Time of Submission of Bid : 28.08.2018 <u>31.08.2018 06.09.2018</u> up-to 15:00 Hrs. 9. Date & Time of Opening of Technical Bids : 28.08.2018 <u>31.08.2018 06.09.2018</u> @ 15:30 Hrs.	8. Last Date & Time of Submission of Bid : 28.08.2018 <u>31.08.2018 06.09.2018 20.09.2018</u> up-to 15:00 Hrs. 9. Date & Time of Opening of Technical Bids : 28.08.2018 <u>31.08.2018 06.09.2018 20.09.2018</u> @ 15:30 Hrs.	Annexure-2, Page 1 R3



between the Licensee and other telecom operators shall strictly adhere to compliances of License Agreement executed between LMRC and Licensee.

- f). The IBS provided by Selected Bidder shall:
 - i. Include all cellular standards such as GSM, CDMA, W-CDMA, and LTE/VOLTE. etc.
 - ii. The IBS coverage shall be provided through distributed antenna system and it shall be left to the Selected Bidder to decide on the technology solution fitted best to meet the coverage criteria keeping in view of the building profile and ground realities for mobile operators considering the commercial outflow to be paid by the mobile operators.
 - iii. The License Fee of Space quoted by Bidder, as per RFP, shall be for 2G/3G/4G only during the tenure of License Agreement. In case of any technological upgradation beyond 4G, since there is uncertainty, the License Fee of Space shall be enhanced on mutually agreed terms and conditions. In event of failure of finalisation of mutually agreed License Fee of Space, the License Agreement shall be terminated by LMRC as per terms and conditions of License Agreement.
 - iv. No repeater equipment shall generally be installed in tunnels. Nevertheless, if it is unavoidable then repeaters can be allowed adhering to the schedule of dimensions. Power for the same has to be extended by the Licensee from licensed room. Any co-axial cable, power cable etc. has to meet the FRLSZH (Fire Retardant Low Smoke Zero Halogen) criteria for underground environment and has to be provided by the licensee along with associated equipment for receiving signals of mobile service providers. In this regard, certificates and test reports of the manufacturer are to be submitted to LMRC. Further, Licensee can use 2 locations at concourse and 1 each at platform to use active components. The installation has to be inside the false ceiling and aesthetics is to be maintained. Location of such installation is to be approved by LMRC. Use of these active equipment is limited to the scope of this Agreement and they cannot be used for any other purpose such as Wi- Fi, etc.
- g) Maximum three operators shall be allowed as per this Bid Document to carry out the Permitted Activity. The Licensee shall obtain prior permission from LMRC to include/exclude any service provider in the IBS. Inclusion of additional telecom operator, above limit of 3 (three), shall increase the License Fee by 20% for each new telecom operator. The Licensee shall endeavour to have tie-ups with all mobile service providers of Lucknow zone for the authority to receive their signals and propagate them. However tie-up with at least ~~two (2)~~ one (1) mobile service providers shall be mandatory on the date of ROD/commencement of License Fee, whichever is later. Licensee shall attain minimum preferably two (2)



mobile service provider within six (6) twelve (12) months of date of ROD/commencement of License Fee, whichever is later.

~~Non-provisioning of mobile signals, as above, shall be treated as Material Breach of Contract/Event of Default on the part of Licensee. Further, the agreement between Licensee and the operators shall cease in case of termination of License Agreement entered between Licensee and LMRC. In case licensee fails to comply to the provision of tie ups with mobile operators as described above, LMRC reserves the right to ask individual/group of mobile operator to propagate their signals in licensed premises.~~

- h) Some of the stations of the licensed sections may be under management of LMRC Project Wing as these stations are under construction. The access to such section/station and the rooms shall be provided to Licensee at least thirty (30) days before Revenue Operation Date ("ROD") of these stations. LMRC shall issue a Possession Letter for taking over the possession of location within ten days of the issuance of Letter of Possession. The ROD provided is tentative as it depends on sanction of section by CMRS. The final ROD shall be decided only after clearance by CMRS.
- i) Licensee has to install all necessary cables (of FRLSZH type only), LCX & OFC in tunnel, cables and fixing of antenna in station and associated equipment for amplification of the signals in all areas of the underground stations and the approach ramp of the tunnel at its own cost, so as to provide seamless connectivity to the commuters travelling in the tunnels and underground station(s) of the Section. Cable trays and cable hangers for this purpose will be provided by LMRC against payment of one time capital cost and monthly fee. In case of separate cabling for CDMA and GSM network, the charges for the clamps shall be applicable for 2 cables. Licensee shall at their own cost and risk prepare/install cable tray and clamps etc. where such provision is not available. No claim or compensation on this account shall be entertained. General specification of the cables shall be as per Annexure-10.5. In addition 4 (four) random samples from each type of cables are required to be tested for conformance of the specifications related to fire and smoke in Govt. lab and cost of such testing to be borne by the Licensee. Oversheath of the LCX cable shall be an extruded layer of anti-corrosion, reduced flame propagation, low smoke zero halogen compound complying with the fire performance requirement as per Annexure-10.5 Factory Acceptance Test (FAT) report of the cables to be submitted to LMRC for review of the above parameters.
- j) The Licensee is permitted to take fibre from out-side station to GSM/CDMA room at their own cost and meeting the requirement of cable specifications for Underground Section. The fibre cable is to be used solely for carrying traffic for mobile coverage of LMRC. No other data of whatever type shall be permitted on this fibre cable.
- k) The Licensed Space shall be utilised only by the Licensee or his associates/permitted operators as per Terms and Conditions of RFP/Bid



1. **NOTICE INVITING TENDER (NIT)**

- 1.1. LMRC invites Bids from eligible Bidder(s), who may be a registered sole proprietorship firm, a partnership firm or a company incorporated under Companies Act 1956/2013 and having registered office in India, or a combination of above in the form of Joint Venture (JV) or Consortium, for selection of Licensee for **Licensing of space for In-building Solutions (IBS) for Providing Shared Mobile (Cellular) Coverage (2G/3G/4G) in tunnel section and underground station(s) CCS Airport, Hussainganj, Sachivalaya and Hazratganj of North-South Corridor of Lucknow Metro Network** as per terms and conditions of this Bid Document.
- 1.2. LMRC shall receive Bids pursuant to this Bid Document, in accordance with the terms set forth herein as modified, altered, amended and clarified from time to time by LMRC. Bidders shall submit Bids in accordance with such terms on or before the date specified in this document. Bidders are advised to visit the LMRC premises at the stations / site and familiarize themselves with the proposed arrangements and all activities necessary in this regard.
- 1.3. **Salient features of Bidding Process:**
 - a). LMRC has adopted Two-Packet Bidding Process for selection of a suitable highest Bidder for granting License as per bidding schedule.

b). **Schedule of Bidding Process-**

1.	Cost of Bid Document (Non-Refundable)	Rs. 23,600/- (Inclusive of 18% GST) Cost of Bid Document shall be acceptable in the form of Demand Draft/ Banker's Cheque in favour of "Lucknow Metro Rail Corporation Ltd." payable at Lucknow.
2.	Bid Security	Rs. 3,43,000/- (Rupees Three Lakhs Forty Three Thousand Only)
3.	License Period	<u>6 Years 9 Years</u>
4.	Sale of Tender Document	From 18.07.2018 to 10.08.2018 (Between 0930 Hrs to 1730 Hrs on working days)
5.	Pre-Bid Conference	14.08.2018 @ 1500 Hrs.
6.	Last Date of receiving written queries by LMRC	14.08.2018
7.	LMRC's response to queries by	20.08.2018 <u>23.08.2018</u>
8.	Last Date & Time of Submission of Bid	28.08.2018 <u>31.08.2018 06.09.2018 20.09.2018</u> up-to 15:00 Hrs.
9.	Date & Time of Opening of Technical Bids	28.08.2018 <u>31.08.2018 06.09.2018 20.09.2018</u> @ 15:30 Hrs.

