

BANGALORE METRO RAIL CORPORATION LIMITED
CORRIGENDUM / ADDENDUM - 1 TO TENDER No.1 S&T – IBS
CORRIGENDUM / ADDENDUM No - 1 Dt 15/06/2016

Sr. No.	Reference			Item
	Section	Page No.	Clause No.	Description (Tender)
1	Scope of Work	9		<p><u>Replace</u> The tenure of the licensing of space will be Seven (7) years.</p> <p><u>With</u> The Tenure of the licensing of space will be Ten (10) years.</p>
2	Indicative Draft License Agreement	46	21	<p><u>Replace</u> That the Agreement provided herein shall terminate at the end of the period agreed to herein i.e., Seven (7) years from the date start of License Fee, except that the agreement may also be terminated earlier in accordance with the terms of this agreement.</p> <p><u>With</u> That the Agreement provided herein shall terminate at the end of the period agreed to herein i.e. Ten (10) years from the date start of License Fee, except that the agreement may also be terminated earlier in accordance with the terms of this agreement.</p>
3	General Terms and Conditions of the Agreement	57	19	<p><u>Replace</u> Duration of License period: - The License shall be for a period of 7 (seven) years from the Start of License Fee payment. Further extension will be subject to the mutual consent between the parties.</p> <p><u>With</u> Duration of License period: - The License shall be for a period of Ten (10) years from the Start of License Fee payment. Further extension will be subject to the mutual consent between the parties.</p>

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4	Bid application form	34	6	<p>Replace Commencement of Licensee fee; Case-1: If all plans & other details are submitted in one lot within 45 days of issue of LOA, then license fee will commence 30 days from the approval (in part/full) of such plans & details by BMRCL. Case-2: If all plans & other details are not submitted in one lot within 45 days of issue of LOA, then license fee will commence 30 days from the first approval (in part/full) of such submissions by BMRCL. Case-3: If licensee fails in submitting plans & other details within 45 days of issue of LOA, then license fee will commence on 60th day counted from the date of issue of LOA. Case-4: In case of some stations which are not yet operational on the date of issue of LOA, the license fee will commence from the Revenue Operation Date (ROD) of metro train in those stations or 30 days from the date of site access given by BMRCL whichever is later. In case, the Bidder energizes his equipment before the ROD (with the permission of BMRCL), the license fee shall start from the date of energization of equipment</p> <p>With Commencement of Licensee fee; Case-1: If all plans & other details are submitted in one lot within 15 days of issue of LOA, then license fee will commence 60 days from the approval (in part/full) of such plans & details by BMRCL. Case-2: If all plans & other details are not submitted in one lot within 15 days of issue of LOA, then license fee will commence 60 days from the first approval (in part/full) of such submissions by BMRCL. Case-3: If licensee fails in submitting plans & other details within 15 days of issue of LOA, then license fee will commence on 60th day counted from the date of issue of LOA. Case-4: In case of some stations which are not yet operational on the date of issue of LOA, the license fee will commence from the Revenue Operation Date (ROD) of metro train in those stations or 60 days from the date of site access given by BMRCL whichever is later. In case, the Bidder energizes his equipment before the ROD (with the permission of BMRCL), the license fee shall start from the date of energization of equipment</p>
5	Bid application form	35	11	<p>Replace I/We agree to complete all the installation works in tunnels (laying of leaky cables etc.) within 60 days from approval of design documents by BMRCL.</p> <p>With I/We agree to complete all the installation works in tunnels (laying of leaky cables etc.) within 90 days from approval of design documents by BMRCL.</p>

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6	Terms & Conditions of Bidding	56	15	<p><u>Replace</u> Additional space for Antenna and Other Utility Equipment: - If any area in addition to the “space” being licensed is required for installing any equipment related to provision of utilities, such as stand by generators, air-conditioning plants, water storage, Antenna etc and other related equipment, BMRCL may provide such space, subject to availability and technical feasibility. For additional space on ground floor/Concourse, the rate will be calculated on pro rata basis of accepted rates i.e. license fees accepted for the main licensed space. If the space is given on the terrace or basement then license fee / space rent/ space rent of 50% of the main license fee / space rent will be taken, calculated on pro rata basis. The Licensee will need to ensure that the equipment does not interfere with the station installations and the Licensee will need to obtain prior written consent from BMRCL for installing the equipment and requesting BMRCL to make available a suitable space/location for the same. BMRCL reserves the right of refusal for installation of the equipment if it is of the opinion that the Licensees equipment will interfere with the station installations. The HDPE pipe & cables (OF Cables, LCX Cables, RF Cables and electrical cables etc) to be used in tunnel and underground station (including the equipment room) shall be manufactured from Fire retardant, low smoke, zero Halogen material and shall meet all the requirements specified by relevant international standards. The licensee shall submit to the licensor, factory acceptance tests report or type test reports along with certificate from the manufacturer duly endorsed by Licensee before start of installation activities of HDPE Pipe and Cables (OF Cables, LCX Cables and RF Cables etc). The licensee shall be fully responsible for any deficiency noticed and will take necessary steps at his own risk and cost to replace such HDPE pipe & Cable (OF Cables, LCX Cables and RF Cables etc).</p> <p><u>With</u> Additional space for Antenna and Other Utility Equipment: - If any area in addition to the “space” being licensed is required for installing any equipment related to provision of utilities, such as air-conditioning plants, water storage, Antenna etc and other related equipment, BMRCL may provide such space, subject to availability and technical feasibility. For additional space on ground floor/Concourse, the rate will be calculated on pro rata basis of accepted rates i.e. license fees accepted for the main licensed space. If the space is given on the terrace or basement for utilities then license fee / space rent/ space rent of 50% of the main license fee / space rent will be taken, calculated on pro rata basis. In case, the additional space is utilised for installation of main equipment on the terrace or basement, the rates shall be same to that of main licensed space. The Licensee will need to ensure that the equipment does not interfere with the station installations and the Licensee will need to obtain prior written consent from BMRCL for installing the equipment and requesting BMRCL to make available a suitable space/location for the same. BMRCL reserves the right of refusal for installation of the equipment if it is of the opinion that the Licensees equipment will interfere with the station installations. The HDPE pipe & cables (OF Cables, LCX Cables, RF Cables and electrical cables etc) to be used in tunnel and underground station (including the equipment room) shall be manufactured from Fire retardant, low smoke, zero Halogen material and shall meet all the requirements specified by relevant international standards. The licensee shall submit to the licensor, factory acceptance tests report or type test reports along with certificate from the manufacturer duly endorsed by Licensee before start of installation activities of HDPE Pipe and Cables (OF Cables, LCX Cables and RF Cables etc). The licensee shall be</p>

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				fully responsible for any deficiency noticed and will take necessary steps at his own risk and cost to replace such HDPE pipe & Cable (OF Cables, LCX Cables and RF Cables etc).
7	Bid Application Form	33	4	<p>Replace I/We undertake to give full compliance to Technical Parameters of DoT, TRAI and other statutory authorities.</p> <p>With I/We undertake to give full compliance to Technical Parameters of DoT, TRAI and other statutory authorities. I/We also undertake that the IBS/BTS/Cellular solution provided under the contract will provide seamless mobile connectivity to passengers through the tunnels from elevated stations and vice versa.</p>
8	Indicative Draft License Agreement	42	7.1	<p>Replace Supervise the operations in the said premises</p> <p>With Supervise the operations in the said premises and ensure seamless mobile connectivity through tunnel & elevated sections.</p>
9	Proforma Certificate	92	Anx-VI	<p>Replace * To be issued by client / firm to whom the bidder has provided services.</p> <p>With * To be issued by client / firm to whom the bidder has provided services. If the bidder happens to be licensed service provider meeting the eligibility criteria, he shall submit a self certificate signed by authorised signatory.</p>
10	Indicative Draft License Agreement	40	4.2.3	<p>Replace All the operators of the consortium shall use space being allotted only.</p> <p>With The successful bidder is required to mandatorily share the infrastructure with other Telecom Service Providers in fair, transparent and non-discriminatory manner. Services of minimum four operators should be made available within one year from the date of LOA.</p>

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11	General conditions	45	18.4	<p>Replace On operational ground, the LICENSOR may ask the licensee to shift its equipments /poles to some other alternative location within the same station. The Licensee is also bound to shift their equipments/poles to the alternative location within the given time period on his own expenses. The licensee unequivocally and voluntarily agrees not to seek any claim, compensation or any other consideration on this account on whatsoever reason. However, if licensee is not willing to shift their equipments to the alternate given space due to any reason, the license agreement will stand terminated and security deposit will be refunded after adjusting outstanding dues, if any.</p> <p>With On operational ground, the LICENSOR may ask the licensee to shift its equipments /poles to some other alternative location within the same station. The Licensee is also bound to shift their equipments/poles to the alternative location within the given time period on his own expenses. The licensee unequivocally and voluntarily agrees not to seek any claim, compensation or any other consideration on this account on whatsoever reason. However in case the new allotted space is not technically suitable for the licensee, the licensee shall have the option to surrender the space in that particular station without any penalty subject to fulfilment of desired Mobile/Wifi coverage requirements.</p>
12	Indicative Draft License	40	4.2.7	<p>Addition There shall be seamless mobile connectivity while moving from elevated section through tunnel section and vice versa.</p>
13	General Terms and Conditions	51	4	<p>Replace Finishes: - The premises will be handed over by BMRL to LICENSEE in “as is where is basis”. That the LICENSEE will make the said premises as per requirements. The Licensee shall install its own fixtures and equipment in the said premises after duly obtaining all necessary approvals from the licensor, permissions and licenses from the Municipal Corporation and such other Statutory Authorities at its own cost and expense.</p> <p>With Finishes: - The premises will be handed over by BMRL to LICENSEE in “as is where is basis”. That the LICENSEE will make the said premises as per requirements. The Licensee shall install its own fixtures and equipment in the said premises after duly obtaining all necessary approvals from the licensor, permissions and licenses from the Municipal Corporation and such other Statutory Authorities as applicable at its own cost and expense.</p>
14	Annexure A & Annexure B			<p>Replace Annexure - A & Annexure - B</p> <p>With Revised Annexure - A & Revised Annexure -B as enclosed.</p>

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15	Scope of Work	9		<p>Replace In addition, Bidder shall also design and install necessary passive/active infrastructure to enhance/make available the radio signal coverage of communication services of Police & Fire Authorities in underground section (Stations and Tunnels). The Bidder shall interface with concerned authorities of Police and Fire departments for specification and other details of their systems required for designing and implementing the solution. No separate charges shall be payable by BMRCL for establishing and maintaining such infrastructure. Bidder shall be fully responsible for making all the arrangements including equipment to make available the service.</p> <p>With The para stands deleted.</p>
16	Indicative draft license agreement	40	4.2.5	<p>Replace Provision of ports at stations is to be made available for feeding in a RF signal of TETRA Radio Systems being operated by Police and Fire Agencies in Bangalore. The Licensee's infrastructure (LCX, RF cable and Antennas) shall propagate the TETRA signals throughout the tunnels and underground station areas. It is presumed that the Tunnel/ RF cable network of Licensee shall propagate adequately the TETRA signal fed at stations, to all other stations also. In case this is not possible, then the provision of additional ports for TETRA shall have to be provided at each of the underground station. Space and Power requirement of TETRA provider, if any, shall be met by the licensee free of cost.</p> <p>With The para stands deleted.</p>

ANNEXURE-A

**Revised
Station wise Site Details
(Giving tentative dimensions)**

Sl. No	Station Name	Station Code	Reach	Station Type	Allotment of Area under this tender	
					Dimensions (mm)	Sq. Mtrs
East-West Line						
1	Baiyappanahalli	BYPH	R-1	At Grade	4371 x 5700	24.91
2	Swami Vivekananda Road	SVRD		Elevated	4100 X 3900	16
3	Indiranagar	IDN		Elevated	5050 X 3191	16
4	Halasuru	HLRU		Elevated	(2430 x 2550 + 2680 x 1755+ ½ x 1475 x 675)	11.40
5	Trinity	TTY		Elevated	4100 X 3910	16
6	Mahatma Gandhi Road	MAGR		Elevated	5700 x 2925	16.67
7	Magadi Road	MIRD	R-2	Elevated	2175 X 4455	10.65
8	Attiguppe/Toll gate	AGPP		Elevated	4160 X 2005	8.33
9	Sri Balagangadharanatha Swamiji Station, Hosahalli	HSLI		Elevated	4260 X 2730	11.60
10	Vijayanagar	VJN		Elevated	4340 X 1825	8.00
11	Deepanjali Nagar	DJNR		Elevated	3840 X 2740	10.56
12	Mysore Road	MYRD		Elevated	5360 X 3000	16.31
North-South Line						
13	Mantri Sq Sampige Road	SPGD	R-3	At Grade	4500 X 3900	18.34
14	Srirampura	SPRU		Elevated	4001 X 2996	11.6
15	Kuvempu Road	KVPR		Elevated	4860 X 3400	16.52
16	Rajajinagar	RJNR		Elevated	5700 X 3025	17.09
17	Mahalakshmi	MHLI		Elevated	3200 X 4690	15.00
18	Sandal Soap Factory	SSFY		Elevated	5600 X 2765	15.4
19	Yeshwanthpur	YPM		Elevated	5600 X 3195	15.33
20	Goraguntepalya Metro Station	YPI	R-3A	Elevated	2800 X 5200	14.56

21	Peenya	PEYA		Elevated	3360 X 4810	16.02
22	Peenya Industry	PYID		Elevated	5000 X 4100	20.00
23	Jalahalli	JLHL	R-3B	Elevated	2700 X 4000	12.00
24	Dasarahalli	DSH		Elevated	4150 X 3000	13.76
25	Nagasandra	NGSA		Elevated	2650 X 4000	12.63
26	National College	NLC	R-4	Elevated	3500 X 2840	10.21
27	Lalbagh	LBGH		Elevated	4350 X 3600	15.66
28	South End Circle	SECE		Elevated	3340 X 3025	10.11
29	Jayanagar	JYN		Elevated	3450 X 2250	10.72
30	Rashtreeya Vidyalaya Road	RVR		Elevated	3400 X 4270	17.40
31	Banashankari	BSNK	R-4A	Elevated	3700 X 3790	14.13
32	Jaya Prakash Nagar	JPN		Elevated	5220 X 3890	20.30
33	Yelechanahalli (Puttenahalli)	PUTH		Elevated	3670 X 3106	13.68
Underground Stations						
34	Chickpete	CKPE	UG1	Underground	6600 X 3900	26.00
35	Krishna Rajendra Market	KRMT		Underground	5100 X 5200	26.50
36	Cubbon Park	CBPK	UG2	Underground	3970 X 4970	21.68
37	Dr. B R Ambedkar Station, Vidhana Soudha	VDSA	UG2	Underground	7615 X 4000	30.46
38	Sir M Visveshwaraya Station, Central College	VSWA	UG2	Underground	6815 X 4100	27.94
39	Kempegowda Station, Majestic	KGWA	UG1/2 UG3/4	Underground	6450 X 5350	33.00
40	City Railway Station	SRCS	UG2	Underground	5600 X 4700	28.36

Note: Outdoor space is available also in Peenya Depot, Baiyappanahalli Depot and Staff quarters for licensing. The same will be considered for allotment, subject to feasibility, at bided rate, calculated on prorata basis.

Revised
PRICE BID FORM

TENDER FORM No: **1 S&T-IBS dated 23-04-2016**

NAME OF BIDDER:

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ADDRESS:

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To
The Managing Director,
Bangalore Metro Rail Corporation Limited,
3rd Floor, BMTCL Complex, K H Road,
Shanthinagar, Bangalore-560027

Dear Sir,

Subject: TENDER FOR ALLOTMENT OF SPACE FOR INSTALLATION OF IBS/BTS/CELLULAR TOWER AND WIFI SOLUTIONS AT METRO STATIONS AND OPERATION FOR INDOOR & OUTDOOR CELLULAR/WIFI COVERAGE IN BMRCL PHASE-1 ALIGNMENT.

1. I/We hereby offer to take up on license basis for **sites whose values are quoted as “Bid Price” given below**, (Carpet area) at various Metro Stations in BMRCL system for installation of IBS/BTS / Cellular towers as per terms of this bidding.

Sl. No	Station Name	Station Code	Reach	Station Type	Allotment of Area under this tender (dimensions in MM)	BID Price (Space rent Per Sq.Mtr / Per Month) in multiples of Rs.100/-
East-West Line						
1	Baiyappanahalli	BYPH	R-1	At Grade	4371 x 5700	to be quoted in figures and words
2	Swami Vivekananda Road	SVRD		Elevated	4100 X 3900	
3	Indiranagar	IDN		Elevated	5050 X 3191	
4	Halasuru	HLRU		Elevated	(2430 x 2550 + 2680 x 1755+ ½ x 1475 x 675)	
5	Trinity	TTY		Elevated	4100 X 3910	
6	Mahatma Gandhi Road	MAGR		Elevated	5700 x 2925	
7	Magadi Road	MIRD	R-2	Elevated	2175 X 4455	
8	Attiguppe/Toll gate	AGPP		Elevated	4160 X 2005	
9	Sri Balagangadharanatha Swamiji Station, Hosahalli	HSLI		Elevated	4260 X 2730	
10	Vijayanagar	VJN		Elevated	4340 X 1825	

11	Deepanjali Nagar	DJNR		Elevated	3840 X 2740
12	Mysore Road	MYRD		Elevated	5360 X 3000
North-South Line					
13	Mantri Sq Sampige Road	SPGD		At Grade	4500 X 3900
14	Srirampura	SPRU		Elevated	4001 X 2996
15	Kuvempu Road	KVPR		Elevated	4860 X 3400
16	Rajajinagar	RJNR	R-3	Elevated	5700 X 3025
17	Mahalakshmi	MHLI		Elevated	3200 X 4690
18	Sandal Soap Factory	SSFY		Elevated	5600 X 2765
19	Yeshwanthpur	YPM		Elevated	5600 X 3195
20	Goraguntepalya Metro Station	YPI	R-3A	Elevated	2800 X 5200
21	Peenya	PEYA		Elevated	3360 X 4810
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23	Jalahalli	JLHL	R-3B	Elevated	2700 X 4000
24	Dasarahalli	DSH		Elevated	4150 X 3000
25	Nagasandra	NGSA		Elevated	2650 X 4000
26	National College	NLC	R-4	Elevated	3500 X 2840
27	Lalbagh	LBGH		Elevated	4350 X 3600
28	South End Circle	SECE		Elevated	3340 X 3025
29	Jayanagar	JYN		Elevated	3450 X 2250
30	Rashtreeya Vidyalaya Road	RVR		Elevated	3400 X 4270
31	Banashankari	BSNK	R-4A	Elevated	3700 X 3790
32	Jaya Prakash Nagar	JPN		Elevated	5220 X 3890
33	Yelechanahalli (Puttenahalli)	PUTH		Elevated	3670 X 3106
Underground Stations					
34	Chickpete	CKPE	UG1	Underground	6600 X 3900
35	Krishna Rajendra Market	KRMT		Underground	5100 X 5200
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37	Dr. B R Ambedkar Station, Vidhana Soudha	VDSA	UG2	Underground	7615 X 4000
38	Sir M Visveshwaraya Station, Central College	VSWA	UG2	Underground	6815 X 4100
39	Kempegowda Station, Majestic	KGWA	UG1/2 UG3/4	Underground	6450 X 5350
40	City Railway Station	SRCS	UG2	Underground	5600 X 4700
Note: The Tunnel length of East-west line is about 4.8 kms and that of North-South line is 4.00 kms					

2. The bid price quoted in the above table shall be applicable on all the spaces of all stations listed above @ _____ per Sqm per month/site. I/We shall pay to BMRCL a Quarterly Fixed License fee / space rent as per offer price listed above (actual carpet area leased out in Sqm.), for operating at the Licensed Premises for a period of only seven years from the commencement of License Fee. (Bidders kindly note that bids will be made in Indian National Rupees per Square meter per month in the multiple of hundred only). The fixed License Fee/Space Rent, other Maintenance Charges, cable tray charges and Service Tax thereto (as applicable) and interest free security deposit will be escalated by 20% every three years, on a compounding basis.
3. I/We shall also pay Other Maintenance Charges of Rs. 3,000/- flat per site/month towards maintenance of common areas and services and other charges as mentioned in Clause 4 of Indicative Draft License Agreement. I/We shall also pay **service tax** as applicable from time to time.
4. The final License fee / space rent will be worked out on the basis of actual carpet area handed over as per actual measurement. The adjustment, if any, in payment

will be made in subsequent quarterly license fee / space rent, on pro rata basis.

NOTES:

- a) The first Quarterly License fee / space rent, the interest free security deposit and other dues etc. will have to be paid within 15 days w.e.f. the date of issue of the letter of Acceptance.
 - b) The agreement will have to be signed within 30 days from the date of issue of letter of Acceptance.
 - c) The licensee will submit as **one lot**, structure stability and design certificates of IBS/BTS/Cellular towers/Access points etc. including its fixing arrangements for BMRCL's approval within 15 days of the issuance of Letter of Acceptance for all locations/sites.
 - d) The License fees, other maintenance charges, cable tray charges and the interest free security deposit will be increased by 20% after completion of every three years on a compounding basis.
 - e) Additional space for utilities required by me/us, shall be subject to the feasibility and approval of BMRCL and will be charged @50% of main rentals i.e. Rs. _____/Sq.m per month on Pro-rate basis.
5. I/We hereby enclose a demand draft in favour of "Bangalore Metro Rail Corporation Limited", drawn on _____ (Bank), bearing No dated.....for **Rs. _____ (Rupees _____)**, towards earnest money deposit.
6. I/We enclose a demand draft in favour of "Bangalore Metro Rail Corporation Limited", Payable at Bangalore drawn on _____(Bank), bearing No.....dated.....for Rs. _____ only. Rupees _____ only (in words), towards non-refundable cost of document. (Applicable only on down loaded forms)
7. I /We will abide by all terms & conditions and other clauses mentioned in this tender document and have duly signed on each page as token of my/our full and unconditional acceptance.

Signature _____

Name of the Authorized Signatory with rubber stamp

Address:

Tel.No: _____

Fax.No: _____

Place: _____

Dated: _____