

File No.:F2(114)/JMRC/O&S/S&T/CAMC Radio/2023-24/7887

Date:- 14.03.2023

To,  
All Prospective Bidders

**Corrigendum-01**

**Name of Bid:** Comprehensive Annual Maintenance Contract for 5 years for Radio System (Cassidian/Airbus make) installed at 9 metro stations & OCC under S&T (O&S) of Jaipur Metro Rail Corporation Ltd.

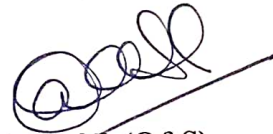
**Bid No.:** JMRC/O&S/S&T/NIB/2023-24/15 dated: 24/02/2024

The following corrigendum may be deemed as an amendment in the bid document of the above referred document. Concerned may participate accordingly.

Clause No.	Existing condition of Bid (Key Details)	Now may be read as (Key Details):																																													
2.1.2	<p>The contractor will execute the work of Comprehensive Annual Maintenance Contract for 5 years for Radio System (Cassidian/Airbus make) installed at 9 metro stations &amp; OCC under S&amp;T (O&amp;S) of Jaipur Metro Rail Corporation Ltd. The following system installed under S&amp;T department of JMRC will be included in CAMC:</p> <table><thead><tr><th>Existing Network Element</th><th>Location</th></tr></thead><tbody><tr><td>DXT3c</td><td>OCC Mansarovar</td></tr><tr><td>TB3</td><td>Mansarovar, Vivek Vihar, Ram Nagar, Sindhi Camp, Chandpole</td></tr><tr><td>TCS (Hot Standby Server)</td><td>OCC Mansarovar</td></tr><tr><td>DWS Management (DWS)</td><td>OCC Mansarovar</td></tr><tr><td>AKDC</td><td>OCC Mansarovar</td></tr><tr><td>OM100/AVLS (Server + Client)</td><td>OCC Mansarovar</td></tr><tr><td>Tetra Terminals</td><td>Distributed at various location from Mansarovar to Badi Chaupar</td></tr><tr><td>L3 switch for Network Management (Redundant Mode)</td><td>OCC Mansarovar</td></tr></tbody></table>	Existing Network Element	Location	DXT3c	OCC Mansarovar	TB3	Mansarovar, Vivek Vihar, Ram Nagar, Sindhi Camp, Chandpole	TCS (Hot Standby Server)	OCC Mansarovar	DWS Management (DWS)	OCC Mansarovar	AKDC	OCC Mansarovar	OM100/AVLS (Server + Client)	OCC Mansarovar	Tetra Terminals	Distributed at various location from Mansarovar to Badi Chaupar	L3 switch for Network Management (Redundant Mode)	OCC Mansarovar	<p>The contractor will execute the work of Comprehensive Annual Maintenance Contract for 5 years for Radio System (Cassidian/Airbus make) installed at 9 metro stations &amp; OCC under S&amp;T (O&amp;S) of Jaipur Metro Rail Corporation Ltd. The following system installed under S&amp;T department of JMRC will be included in CAMC:</p> <table><thead><tr><th>Existing Network Element</th><th>Qty.</th><th>Location</th></tr></thead><tbody><tr><td>DXT3c</td><td>1</td><td>OCC Mansarovar</td></tr><tr><td>TB3</td><td>5</td><td>Mansarovar, Vivek Vihar, Ram Nagar, Sindhi Camp, Chandpole</td></tr><tr><td>TCS (Hot Standby Server)</td><td>2</td><td>OCC Mansarovar</td></tr><tr><td>DWS Management (DWS)</td><td>1</td><td>OCC Mansarovar</td></tr><tr><td>AKDC</td><td>1</td><td>OCC Mansarovar</td></tr><tr><td>OM100/AVLS (Server + Client)</td><td>1+1</td><td>OCC Mansarovar</td></tr><tr><td>Tetra Terminals</td><td>300</td><td>Distributed at various location from Mansarovar to Badi Chaupar</td></tr><tr><td>L3 switch for Network Management (Redundant Mode)</td><td>2</td><td>OCC Mansarovar</td></tr></tbody></table>	Existing Network Element	Qty.	Location	DXT3c	1	OCC Mansarovar	TB3	5	Mansarovar, Vivek Vihar, Ram Nagar, Sindhi Camp, Chandpole	TCS (Hot Standby Server)	2	OCC Mansarovar	DWS Management (DWS)	1	OCC Mansarovar	AKDC	1	OCC Mansarovar	OM100/AVLS (Server + Client)	1+1	OCC Mansarovar	Tetra Terminals	300	Distributed at various location from Mansarovar to Badi Chaupar	L3 switch for Network Management (Redundant Mode)	2	OCC Mansarovar
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2.6.7	Failure not rectified in time frame as per clause 2.5(8) & 2.5(9) then Maximum Penalty may be imposed 20% of AMC Value and penalty amount deducted in Quarterly invoice.	Failure not rectified in time frame as per clause 2.5(8) & 2.5(9) then Maximum Penalty may be imposed 10% of AMC Value and penalty amount deducted in Quarterly invoice.
2.1.10	JMRC available spare parts can be used during CAMC but same new part shall be handed over to JMRC within time specified under contract. JMRC spare utilisation decision is under sole discretion of JMRC. JMRC will decide to handover their spare depending upon the situation arises.	JMRC available spare parts attached as Annexure-A can be used during CAMC but same new part shall be handed over to JMRC within time specified under contract. JMRC spare utilisation decision is under sole discretion of JMRC. JMRC will decide to handover their spare depending upon the situation arises.

This corrigendum will be part of document. All other terms & conditions of the document will remain same.



(DIRECTOR (O&amp;S))

JAIPUR METRO RAIL CORPORATION LTD.



**Pre-Bid Queries Reply**

**Comprehensive Annual Maintenance Contract for 5 years for Radio System (Cassidian/Airbus make) installed at 9 metro stations & OCC under S&T (O&S) of Jaipur Metro Rail Corporation Ltd.**

Sr. No.	Clause	Description	Bidder's Query	JMRC Reply
1	2.1.2	Scope of work - Comprehensive AMC of 5 years	The supplied Airbus equipment is old and DXT3c is having limited road map for supports and indicated as end of life/support by end 2026 from OEM Airbus. Hence will not be able to support with back end support beyond year 2026. Request to limit the AMC duration to 3 years (upto end 2026).	(No Change) Existing Terms & Conditions of Bid Documents will prevail.
			Alternatively, as the equipment HW/SW required to be upgraded to newer, latest version TIARA to get longer support for which we can propose the pricing and budget may arranged accordingly.	(No Change) Existing Terms & Conditions of Bid Documents will prevail.
2	2.1.5	If any faulty systems or devices identified during or before the half yearly.....	As you aware, The health check is required before the start of AMC and AMC shall be taken up for the working healthy system. Hence the faulty systems before the start of AMC need to be excluded. Please remove the word "before" from the clause. Also, suggest, request for the modality as health check rectification work and thereafter for start of AMC within the tender. The repair/rectification work are to be paid separately before start of AMC	(No Change) Existing Terms & Conditions of Bid Documents will prevail. Also please refer to clause 2.2
3	2.2	Site visit and health check	Shall request and propose the health check up for min 2 days for all systems and can be in beg, April 24. JMRC may please confirm and provide the dates.	The Contractor may visit the site & do health check any time before the opening of Tender.
4		Joint meeting	Shall request and propose the joint meeting with 3rd party item supplier/ Hytera to align and suggest the required interfaces, integration, changes if any etc . Considering few SW upgrades from Airbus equipment/systems	Any coordination required with the 3rd party item supplier to be done by the tenderer on its own end.

5	2.6.7	Max applicable penalty	Considering the old system and platform, Request to limit the maximum penalties to 10% of total quarterly value.	Para 2.6.7 to be read as  <b>Failure not rectified in time frame as per clause 2.5(8) &amp; 2.5(9) then Maximum Penalty may be imposed 10% of AMC Value and penalty amount deducted in Quarterly invoice.</b>
6	1.1.2 (g,h,i)	Key details - Last date of submission 03.04.24	Considering involved health check, prior evaluation, joint meetings etc, request to extend the last date of submission to at least 4 weeks from current due date.	(No Change) Existing Terms & Conditions of Bid Documents will prevail.
7	2.1.2	Existing network elements	Understand that there are many faulty hand sets/Tetra terminals in the network while system is currently not under warranty/nor AMC. Hence, suggest and request to exclude these hand sets from the AMC scope and to address separately	(No Change) Existing Terms & Conditions of Bid Documents will prevail. Also please refer to clause 2.2
8	2.1	CAMC period - 5 years	The estimated cost of the bid is less for a period of five years. Suggested to keep it for 3 years as the bid is for CAMC that also includes software upgradation, hardware replacement and permanent manning at JMRC.	(No Change) Existing Terms & Conditions of Bid Documents will prevail.
9	3.2	Advance payment will not be made.	Requested for an advance payment of at least 30% of the bid value as it involves software upgradation which is a 100% advance payment back to the OEM.	(No Change) Existing Terms & Conditions of Bid Documents will prevail.
10	2.3.1	all modules including every consumables (except battery)	PI clarify on "consumables".	Consumables includes but not limited to Cable, Connector, Brush, Communication Cables, Cleaning Cloths etc.
11	2.1.10	Available spare parts	PI provide list of available parts at JMRC.	Radio Spare Parts list is attached as Annexure-A
12	2.1.2	L3 Switch	This is part of IT infra. We suggest to exclude from the TETRA component list.	(No Change) Existing Terms & Conditions of Bid Documents will prevail.







JAIPUR METRO

**JAIPUR METRO RAIL CORPORATION LIMITED**

(A Govt. of Rajasthan undertaking)

**Directorate of Operations & Systems**

3<sup>rd</sup> Floor, Administrative Building, Bhriku Path, Mansarovar, Jaipur- 302020

Tel. No. 0141-2822106 (O), E-mail – edst@jaipurmetrorail.in



13	2.1.2	TETRA terminals	As per bid, only training for programming of terminals to be given to JMRC engineers. We suggest to clarify on handsets / terminals repairing. It should be excluded.	(No Change) Existing Terms & Conditions of Bid Documents will prevail.
14	2.1.17	Operating system	Please clarify which operating system.	The bidder may visit the site as per bid clause 4.0 and check the operating system installed in various client(s) & Server(s) of Radio system/sub-system(s).
15	2.6	Penalty	Penalty shouldn't be imposed if the required spare is not available with JMRC.	(No Change) Existing Terms & Conditions of Bid Documents will prevail.

  
DIRECTOR (O&S)

14/3/24  
JAIPUR METRO RAIL CORPORATION LTD.

Registered Office: Admin Building, Metro Depot, Bhriku Path, Mansarovar, Jaipur-302005

CIN: U60221RJ2010SGC030630

Website: [www.transport.rajasthan.gov.in/jmrc](http://www.transport.rajasthan.gov.in/jmrc)

## Radio Spare Material in Jaipur Metro

S.No	Description	Qty available
1	LCX BASE STATION HYBRID COMBINER (3:1)	1
2	LCX BASE HYBRID COMBINER (2:1)	1
3	2-WAY SPLITTER	2
4	6DB COUPLER	1
5	BDA FOR AMBULANCE (43DBM)	1
6	BDA FOR POLICE (800MHz)	1
7	TETRA BDA	1
8	SURGE ARRESTER	1
9	DC BLOCK (30100134)	2
10	INDOOR OMNI ANTENNA	2
11	DONOR ANTENNA FOR BDA AMBULANCE	1
12	DONOR ANTENNA FOR POLICE	1
13	LEAKY COAXIAL CABLE JOINTING KIT	9
14	N(M)-N(F) JUMPER	1
15	N(M)-N(M) JUMPER	1
16	7/8" CONNECTOR (M)	4
17	1-1/4" LEAKY FEEDER CONNECTOR N	3
18	1/2" CONNECTOR (M)	4
19	TERMINATOR 50W	2
20	VOICE GATE DTS 24B/PCLE & ATP	2
21	AMPHENOL CONNECTOR & CABLE (2 MTR)	2
22	HANDSET OF RCP/RAU	4
23	RCP/RAU Unit	5
24	TETRA COVER	128
25	TETRA HAND PORTABLE RADIO EARBUD	155
26	DESKTOP MIC FOR RAU RCP	27
27	DESKTOP MIC FOR RCW	6
28	GPS ANTENNA	5
29	POLE FOR GPS ANTENNA	5
30	MOUNT FOR GPS ANTENNA	5
31	CBL GPS 60M	4 ROLL
32	CBL GPS 90M	1
33	TETRA	91

## Radio Cards

1	ECE2-NT with 02 cables	1
2	E1 Card for RCW(EL1230)	1
3	CP816-AC with One RAM	1
4	PSC6-CB	1
5	AS7-D	1
6	ACP-12 UK Travel Charger	1
7	TB# Cabinet WSYMM E1 Interf (Only Cabinet)	1
8	DAH7733 TB3 TBC-U	1
9	DA7630 WBC 380	1
10	FXC E1/T1 Card	1
11	DAT 625 DRMC(R380-385.S390-395)	1
12	DC6701 PWR-48 V DC	1
13	DA7629 ATC 380-400 Mhz	1
14	TTRX 380-400Mhz	1
15	ESB24-D	1
16	SW PRO-C	1
17	SW 256B	1
18	DCAR/AB	1
19	ET-16	1
20	SERO-B	1
21	HWAT-R	1
22	CL3TGV	1

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