



Chennai Metro Rail Limited
(A Joint Venture of Govt. of India and Govt. of Tamil Nadu)

NIT.No.: CMRL/MMD/501/P-105/TEN/2016

Date:13.01.2016

To,

Sub: Invitation of sealed quotation for “Procurement of Refrigerator and TV”

Chennai Metro Rail Limited (CMRL) is a Joint Venture of Government of India (GoI) and Government of Tamil Nadu (GoTN) for implementation of Metro Rail project in Chennai City. Sealed quotations are invited from the agencies for the item “**Procurement of Refrigerator and TV**” with following details:-

Sr.No.	Name of the Item	Qty. (no.)	Specifications.
1.	LED TV	15	Detailed technical specifications are attached in <u>Annexure -A</u>
2.	Refrigerator	01	

1. BID SECURITY (EMD - EARNEST MONEY DEPOSIT):

- i. The EMD shall be made payable without any condition to the CMRL. A demand draft from only Public Sector Bank in favour of “**Chennai Metro Rail Limited**” payable at Chennai should be submitted along with the bid as bid security, for the amount of **Rs.4,815/- (Rupees – Four Thousand Eight Hundred and Fifteen Only)**.
- ii. All tenderers (including those who possess NSIC, SSIC, etc certificate holders) should submit EMD along with the bid documents. Any bid document submitted without the EMD in the approved form will be summarily rejected. **No interest is payable for the EMD amount.**
- iii. Bid securities of the unsuccessful bidders will be returned at the earliest after expiry of the final bid validity & latest on or before the 30th day after the award of the contract.
- iv. EMD of successful bidders will be returned back within 30 days of delivery of items.
- v. EMD of the bidder shall stand forfeited if he revokes or cancels his tender after submission or vary any terms thereof without the consent of the CMRL.

2. Special Condition:

The agency should submit the brochure for the quoted product & technical compliance statement (annexed in **Annexure -B**). If any deviation, same should be mentioned clearly.

3. **Bid Price:**

The prices should be quoted in Indian Rupees with delivery of item at CMRL failing which the bid would be rejected. The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

- Any variation arises between the Unit Rate and the corresponding quoted Total Cost then the Unit Rate will prevail for calculating the Total Cost.
- In case of any discrepancy between the prices quoted in words and in figures, lower of the two shall be considered.
- Conditional bids would be summarily rejected.
- Price should be quoted as per price schedule attached at **Annexure –C.**

4. **Warranty & Guaranty.**

Standard warranty / Guaranty period(**from the date of acceptance**) for the items being supplied should be given in the form of certificate indicating the warranty period along with the terms & conditions for the Warranty / Guaranty.

5. **Delivery Period:**

The items should be delivered within **04 weeks** from the date of reception of Purchase Order.

6. **Evaluation of Quotation:**

- a. The quotations would be evaluated and compared based on the substantial responsiveness to the technical specifications and commercial conditions set out in bidding documents and which are properly signed confirming the terms and conditions.
- b. The tender will be evaluated on **“Total bid price”**, which is the total value as per **price schedule.**
- c. Any decision of CMRL will be binding and final. No representations will be entertained in the matter of selection of the L1.

7. **Payment Terms:**

100% payment would be released through RTGS within thirty days on receipt and acceptance of items against the following documents:

- a) Original invoice duly signed by the authorized signatory
- b) Item Acceptance Certificate duly signed and sealed from authorized representative of CMRL **“after delivery of all the items in full quantity as mentioned in Purchase Order”.**
- c) PAN Card, Bank Account Details, Bank address & RTGS details of the Agency are to be forwarded along with the Invoice.

In case if you are registered under MSME Act, 2006, the copy of the registration certificate to be provided.

8. **Validity of Quotation:**

Quotation shall remain valid for a period of 90 days from the date of bid opening.

9. Agency details:

The Agency to fill in the vendor detail form enclosed with this Tender Document as Annexure-D and same may be forwarded along with quotation.

10. Jurisdiction:

The court of jurisdiction is Chennai. The English language shall be the official language for all purposes

11. Acceptance of terms & conditions:

Bidders are requested to submit the sealed and signed copy of this tender document along with quotation as acceptance of all terms & conditions.

12. Quotation submission:

Quotation should be submitted on or before the date & time mentioned below:

<i>Sr. No.</i>	<i>Particular</i>	<i>Schedule of tender opening</i>	
		<i>Date</i>	<i>Time</i>
1.	Last date for submission of bid document	28.01.2016	1500 Hrs
2.	Opening of Bid document	28.01.2016	1530 Hrs

You are requested to provide your offer in the sealed quotation addressed to

“Manager (Depot -Mech),

Chennai Metro Rail Limited, General Stores

CMRL depot, Poonamallee High Road,

(Opp. to Daniel Thomas School)

Koyambedu, Chennai – 107”

E-Mail – mdm.cmrl@tn.gov.in

With “Sealed Quotation for Procurement of Refrigerator and TV & Do not open Before 1530 Hrs. on 28thJAN 2016” written on top of the envelope.

We look forward to receiving your quotations and thank you for your interest.

With regards,

ABBAS.H

Manager (Depot-Mech)

For & on behalf of CMRL

Note:-

- i. Quotation received after the stipulated time will not be accepted and considered. Bidders are advised to send their sealed bid preferably by Courier or in person at above address. CMRL will not be responsible for any postal delay
- ii. If due to any exigency, the due date for opening of tender is declared closed holiday, in such case the tenders will be opened on next working day at the same time or any other day/time as intimated by the CMRL.

Technical Specification for LED TV

Sr. No.	Particular	Description
A	Model: KLV – 32R412C or Equivalent 32 (80cm) R412C Bravia LED TV or Equivalent	
1.	Screen Size	32 (80.0 cm), 16:9
2.	TV System	1 (Analoge): B/G, D/K, I, M
3.	Color System	PAL, SECAM, NTSC 3.58, NTSC 4.43
4.	Video Signal	1080/24p (HDMI only), 1080/60i, 1080/60p (HDMI / Component), 1080/50i, 1080/50p (HDMI / Component), 480/60i, 480/60p, 576/50i, 576/50p, 720/60p, 576/50p, 1080/30p (HDMI only), 720/30p (HDMI only), 120/24p (HDMI only)
5.	Preferred Brand / Make	BRAVIA LED TV or Equivalent
B	PICTURE	
1.	Display Resolution	WXGA
2.	Motion flow™	Motion flow XR 100 Hz
3.	Backlight Module	Edge LED
4.	Dimming Type	Frame Dimming
5.	Live Colour™	Yes
6.	Advanced Contrast Enhancer (ACE)	Yes
7.	24P True Cinema™	Yes
8.	Viewing Angle	178° (Right to Left), 178° (Up to Down)
9.	Screen Format	TV: Auto Wide/ Full/ Normal/ Wide Zoom/ Zoom/ PC: Full 1/ Full 2/ Normal/ 4:3 Default
10.	Picture Mode	Vivid, Standard, Custom, Photo-Vivid, Photo-Standard, Photo-Custom, Cinema, Game, Graphics, Sports
11.	Cine Motion/Film Mode/Cinema Drive	Yes
C	AUDIO	
1.	Built-in Woofer	Yes
2.	Speaker Type	Built-in Subwoofer

3.	Sound Mode	Standard, Music, Cinema, Game, Sports
4.	S-Master	S-Master Digital Amplifier
5.	Dolby®	Dolby Digital
6.	Stereo System	NICAM/A2
7.	Audio Output Power	8W+8W+14W
8.	Speaker Configuration	2.1 ch, Full Range(40x 100 mm)x2, Subwoofer (65 mm)x 1
D	TERMINALS	
1.	HIDMI™ Connections	2 (1 Side/1 Rear)
2.	HDCP	HDCP 1.4
3.	MHL	Yes
4.	MHL Version	Ver 2
5.	Analog Audio input (s) for HDMI	1 (Side)
6.	USB	1 (Side)
7.	Composite Video input(s)	1 (Bottom Hybrid w/Component)
8.	Component Video (Y / Pb / Pr) Input(s)	1 (Bottom Hybrid w/Composite)
9.	RF Connection Input(s)	1(Bottom)
10.	Analog Audio Input(s)	1(Bottom)
11.	Audio Out	1 (Side/Hybrid w/HP)
12.	Headphone Out	1 (Side/Hybrid w/Audio Out)
E	OTHER FEATURES	
1.	BRAVIA Sync (including HDMI CEC)	Yes
2.	FM Radio	Yes
3.	Control for HDMI (HDMI CEC)	Yes
4.	USB Play	MPEG1/ MPEG2PS/ MPEG2TS/ AVCHD/ MP4Part 10/ MP4Part2/ AVI(XVID)/ AVI (Motion Jpeg) WMV9/ MKV/ WEBM/ WAV/ MP3/ WMA/ JPEG
5.	Scene Select	Photo, Music, Cinema, Game, Graphics, Sports, Auto
6.	Parental Control	Yes
7.	Clock	Yes
8.	Sleep Timer	Yes
9.	On/Off Timer	Yes

10.	Teletext	Yes
11.	OSD Language	AFR/ ARA/ ASM/BEN/ ENG/FAS/ FRE/ GUJ/HIN/ IND/ KAN/ MAL/ MAR/ ORI/PAN/ POR/ RUS/ SWA/ TAM/ TEL/ THA/ TUR/ VIE/ ZHO/ ZUL
F	ECO FEATURES	
1.	Dynamic Backlight Control	Yes
2.	Backlight Off Mode	Yes
3.	Power Saving Modes	Yes
G	GENERAL	
1.	Power Requirements	DC 19.5V
2.	Power Consumption	51 W
3.	Standby Power Consumption	0.5 W
4.	Dimensions (W x H x D) with Stand	Approx. 738 x 470 x 151 mm
5.	Dimensions (W x H xD) without Stand	Approx. 738 x 441 x 65 (16.2) mm
6.	Weight with Stand	Approx. 6.8 Kg
7.	Weight without Stand	Approx. 6.3 Kg
H	SUPPLIED ACCESSORIES	
1.	Remote Control	RMT-TX111P
2.	Batteries	R03

Signature & Stamp of the Bidder
Date:

Technical Specification for Refrigerator

<i>Sr. No.</i>	<i>Particular</i>	<i>Description</i>
1.	Type	It shall be direct cooling type.
2.	Capacity	It shall have the gross volume of at least 215 liters capacity
3.	Star Rating	It shall be minimum 4 star rated
4.	Door	It shall be single door with locking facility
5	Freezer compartment	It shall have ice trays with transparent freezer door
6	Refrigerator compartment	It shall two numbers of toughened glass shelves, egg tray, humidity controller etc.,
7	Special features	It shall have the following features:- a. It shall work without stabilizer against voltage fluctuations (135 V – 290 V) b. It shall have moist balance crisper c. It shall have anti-bacterial gasket d. It shall have vegetable basket e. It shall have cooling retention for at least 9 hours even after power failure f. It shall be quick in ice making
8	Preferred color	Maroon or Blue or Red
9	Preferred Brand / Make	LG or Whirlpool or equivalent
10	Warranty	It shall have minimum 10 years warranty on compressor with good service others standard warranty.

Signature & Stamp of the Bidder
Date:

Technical Compliance for LED TV

Sr. No.	Particular	Description	Compliance (Yes/No)	Deviation (If any)
A	Preferred Model: (KLV – 32R412C or Equivalent)	<i>Mention the model for the quoted item.</i> _____		
1.	Preferred Brand / Make: (32 (80cm) R412C BRAVIA LED TV or Equivalent)	<i>Mention the brand / Make for the quoted item.</i> _____		
2.	Screen Size	32 (80.0 cm), 16:9		
3.	TV System	1 (Analoge): B/G, D/K, I, M		
4.	Color System	PAL, SECAM, NTSC 3.58, NTSC 4.43		
5.	Video Signal	1080/24p (HDMI only), 1080/60i, 1080/60p (HDMI / Component), 1080/50i, 1080/50p (HDMI / Component), 480/60i, 480/60p, 576/50i, 576/50p, 720/60p, 576/50p, 1080/30p (HDMI only), 720/30p (HDMI only), 120/24p (HDMI only)		
B	PICTURE			
1.	Display Resolution	WXGA		
2.	Motion flow™	Motion flow XR 100 HZ		
3.	Backlight Module	Edge LED		
4.	Dimming Type	Frame Dimming		
5.	Live Colour™	Yes		
6.	Advanced Contrast Enhancer (ACE)	Yes		
7.	24P True Cinema TM	Yes		
8.	Viewing Angle	178° (Right to Left), 178° (Up to Down)		

Sr. No.	Particular	Description	Compliance (Yes/No)	Deviation (If any)
9.	Screen Format	TV: Auto Wide/ Full/ Normal/ Wide Zoom/ Zoom/ PC: Full 1/ Full 2/ Normal/ 4:3 Default		
10	Picture Mode	Vivid, Standard, Custom, Photo-Vivid, Photo-Standard, Photo-Custom, Cinema, Game, Graphics, Sports		
C	AUDIO			
1.	Built-in Woofer	Yes		
2.	Speaker Type	Built-in Subwoofer		
3.	Sound Mode	Standard, Music, Cinema, Game, Sports		
4.	S-Master	S-Master Digital Amplifier		
5.	Dolby®	Dolby Digital		
6.	Stereo System	NICAM/A2		
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8.	Speaker Configuration	2.1 ch, Full Range(40x 1 00rnm)x2, Subwoofer(65mm)x I		
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2.	HDCP	HDCP 1.4		
3.	MHL	Yes		
4.	MHL Version	Ver2		
5.	Analog Audio input (s) for HDMI	1 (Side)		
6.	USB	1 (Side)		
7.	Composite Video input(s)	1 (Bottom Hybrid w/Component)		

Sr. No.	Particular	Description	Compliance (Yes/No)	Deviation (If any)
8.	Component Video (Y / Pb / Pr) Input(s)	1 (Bottom Hybrid w/Composite)		
9.	RF Connection Input(s)	1(Bottom)		
10.	Analog Audio input(s)	1(Bottom)		
11.	Audio Out	1 (Side/Hybrid w/HP)		
12.	Headphone Out	1 (Side/Hybrid w/Audio Out)		
E	OTHER FEATURES			
1.	BRAVIA Sync (including HDMI CEC)	Yes		
2.	FM Radio	Yes		
3.	Control for HDMI (HDMI CEC)	Yes		
4.	USB Play	MPEG1/ MPEG2PS/ MPEG2TS/ AVCHD/ MP4Part 10/ MP4Part2/ AVI(XVID)/ AVI (Motion Jpeg) WMV9/ MKV/ WEBM/ WAV/ MP3/ WMA/ JPEG		
5.	Scene Select	Photo, Music, Cinema, Game, Graphics, Sports, Auto		
6.	Parental Control	Yes		
7.	Clock	Yes		
8.	Sleep Timer	Yes		
9.	On/Off Timer	Yes		
10.	Teletext	Yes		
11.	OSD Language	AFR/ ARA/ ASM/ BEN/ ENG/FAS/ FRE/ GUJ/HIN/ IND/ KAN/ MAL/ MAR/ ORI/PAN/ POR/ RUS/ SWA/ TAM/ TEL/ THA/ TUR/ VIE/ ZHO/ ZUL		

Sr. No.	Particular	Description	Compliance (Yes/No)	Deviation (If any)
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2.	Backlight Off Mode	Yes		
3.	Power Saving Modes	Yes		
G	GENERAL			
1.	Power Requirements	DC 19.5 V		
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6.	Weight with Stand	Approx. 6.8 Kg		
7.	Weight without Stand	Approx. 6.3 Kg		
H	SUPPLIED ACCESSORIES			
1.	Remote Control	RMT-TX111P		
2.	Batteries	R03		
I	<i>Mention Standard warranty/guaranty period for quoted item</i>			

Signature & Stamp of the Bidder
Date:

Technical Compliance for Refrigerator

Sr. No.	Particular	Description	Compliance (Yes/No)	Deviation (If any)
1.	Preferred Brand / Make: (LG or Whirlpool or equivalent)	<i>Mention Brand / Make for quoted item</i> _____		
2.	Type	It shall be direct cooling type.		
3.	Capacity	It shall have the gross volume of at least 215 liters capacity		
4.	Star Rating	It shall be minimum 4 star rated		
5.	Door	It shall be single door with locking facility		
6.	Freezer compartment	It shall have ice trays with transparent freezer door		
7.	Refrigerator compartment	It shall two numbers of toughened glass shelves, egg tray, humidity controller etc.,		
8.	Special features It shall have the following features:-	It shall work without stabilizer against voltage fluctuations (135 V – 290 V)		
		It shall have moist balance crisper		
		It shall have anti-bacterial gasket		
		It shall have vegetable basket		
		It shall have cooling retention for at least 9 hours even after power failure		
	It shall be quick in ice making			
9.	Preferred color	Maroon or Blue or Red		
10.	Preferred Brand / Make	LG or Whirlpool or equivalent		
11.	Warranty - It shall have minimum 10 years warranty on compressor with good service and others standard warranty	<i>Mention Standard warranty/guaranty period for quoted item</i> _____		

Signature & Stamp of the Bidder
Date:

Annexure – C

Price Schedule						
Sr. No.	Item	Qty. (no.)	Rate Per unit (in Rs.)	Taxes		Total Amount including taxes (Rs.)
				In%	In Rs.	
1	LED TV	15				
2	Refrigerator	01				
3	Total Amount including taxes for both LED TV and Refrigerator (in Rs.)					
4	<u>Any other charges, if any, please specify (in Rs.)</u>					
5	<u>Total amount including taxes and all charges in figures (in Rs.)</u>					
6	<u>Total amount including all charges in words (in Rupees)</u>					

Note: Price quoted should be inclusive of delivery & all other additional charges

Signature & Stamp of the Bidder
Date:

Vendor Information Form

Bidders are requested to furnish the following information and enclose along with quotation.

Name & Address of the Company :				
Name & Designation of the key person				
Contact information	Mobile no:	Telephone No :	Fax No:	Email :
<u>Bank details</u>				
Bank name				
Bank address				
Bank account no				
IFSC code				
PAN No.				
Service tax no.				

Signature & Stamp of the Bidder
Date: