

BEML Limited
(A Govt. Of India Mini Ratna Company Under Ministry of Defence)
Engine Division, Mysore Complex, Belavadi Post, Mysore-570018
Tender Enquiry

Quotations in e-mode through BEML SRM Portal are invited in Two Bid System (Technical Bid and Commercial Bid) from eligible reputed firms meeting the qualification criteria for the following at Engine Division, BEML, Mysore, by the Dy. General Manager-Materials, Engine Division, BEML Ltd. Mysore Complex, Belavadi Post Mysore: 570 018

Description Material	"Supply, Installation, Performance demonstration of Digital Display system with Digital Signage software as per the Annexures enclosed."
Mode of Tendering	Two Bid system (Technical & Commercial) through SRM Portal only.
Last date & time for submission of Technical & Commercial Bids	25.09.2025
Date & time of opening of Technical Bid through e-mode	25.09.2025
Date & time of opening of Commercial Bid through e-mode	After completion of technical evaluation, commercial bids of the firms whose technical offers are accepted only will be opened.
Nature of Tender documents	Two Bid system (Technical & Commercial) through SRM portal.

- 1) **The following Annexure/Documents are to be referred for submitting the Tender.**

Sl. No	Description	Reference
1	Technical Specification and scope of supply	Annexure -1
2	Terms and Conditions	Annexure -2

- 2) Please note that the **Technical Bid and Commercial Bid should be submitted on SRM Portal only**. Bids submitted in any other form, such as courier / post / in-person / fax / telegram / telex, etc will not be accepted against this Tender.

- 3) **Contact person** details at BEML Ltd., with respect to the tender :

Technical	Asst. General Manager Engineering Services Email : snata.patnaik@bemlltd.in Telephone : 0821-2400379
Commercial	Asst. General Manager Purchase Email: jayadevan.m@bemlltd.in Telephone : 0821-2400277

- 4) All Corrigenda, addenda, Amendments, Time Extensions etc., if any to the tender will be hosted on SRM Portal only. Bidders should regularly visit SRM portal to keep themselves updated. No separate advertisement shall be published in the Newspaper in this regard.
- 5) Submission of Technical Bid:
- a. Please upload all the Documents pertaining to Qualification Criteria, filled up Technical compliance documents (Technical Specification and Scope of Supply document), other supporting documents wherever required in SRM Portal and ensure that **no price details** are mentioned in any of the documents uploaded as part of the Technical Bid.
 - b. **Corrigendum** regarding the tender if any will be published in SRM portal only before the tender closing date. Bidders to make note of the above and check the SRM Portal before tender closing date/time to have the latest communication/update. The firm should submit the compliance to relevant points in the corrigendum in the respective bids
 - c. The tender documents will be considered at the sole discretion of M/s BEML LIMITED, whose decision in the matter will be Final & Binding

5.1 The following documents (**duly Signed with Firm's seal**) to be scanned and uploaded in SRM Portal.

- a) The documents in support of for participating in the tender
- b) The **Technical Compliance Statement** The firm should confirm meeting the scope of supply and services as per the Tender.
- c) Compliance to points in the corrigendum if any released before tender closing date.
- d) The **validity of the quotation**, **delivery time** , **installation and commissioning time**
- e) The relevant **product catalogues** and other Technical Details if any.
- f) Firms **Acceptance to L.D clause**, submission of **Performance Bank guarantee**, **Payment terms**.
- g) Firms **Acceptance/ Reply to the points in Annexures**

No price details to be given in the Technical Bid. Technical Bid which includes pricing will summarily be rejected

6) **General Terms and Conditions:**

- a) This **Letter+ Tender document + Corrigendum if any**, will be part of the scope.
- b) The quotation should be completed in all respects and free from ambiguity. Deviations if any should be clearly highlighted with necessary clarification. Offers shall comply with all the technical specification, scope of supply and commercial requirements otherwise the offer is liable to be rejected.
- c) BEML reserves the right to seek clarifications/documents with respect to NIT/Technical Specification/Scope of Supply during the Technical Evaluation of bids submitted.
- d) The company reserves the right to postpone the date of receipt and opening of tenders or to cancel the tenders without assigning any reason whatsoever.
- e) Tenderer shall submit their compliance to all the terms and conditions prescribed in

this NIT as well as in Scope of Supply and technical specification in writing.

- f) Non-compliance with any of the tender conditions and incomplete, conditional and ambiguous offers are liable for rejection.
- g) The Bidders shall provide all the required particulars in the tender document. Bidder shall affix seal and sign on each and every page of tender document and upload the same on the SRM portal, as a token of acceptance of all the tender terms & conditions.
- h) No corrections/revisions will be entertained after closing date and time of tender. All the documents should be uploaded on SRM portal.
- i) Bidders are requested to submit details of GSTN Registration Certificate and MSME certificate.
- j) BEML reserves the right to accept or reject any tender either in full or in part without assigning any reason.
- k) Please do note that, failure of the successful tenderer to perform the work satisfactorily in any respect will entail forfeiture of the EMD & Security deposit, if any
- l) Tenderers shall enclose along with their tenders, 'Certified True Copy' of Power of Attorney in favour of the signatory of the tender documents, if required
- m) Arbitration / Disputes: Disputes, if any, that may arise between the parties in any of the matter connected herein shall be mutually discussed and amicably settled, failing which the same will be referred to a sole arbitrator to be appointed by BEML Limited and the proceedings shall be in accordance with the provisions of the Arbitration & Condition Act, 1996 and the rules framed there under and modified or amended from time to time. The Arbitration proceedings shall be conducted in English language and the Arbitration proceedings will be held in Bangalore

Sd/-

Dy. General Manager (Materials)

Telephone: 0821-2400277

Email: jayadevan.m@bemltd.in

Enclosure to Tender:

Annexure -1

Digital Signage System

Scope: Supply, Installation, Performance demonstration of Digital Display system with Digital Signage software as per the following Technical Specification

TABLE-1: (To be filled by the firm and enclosed with Technical Bid)

SI No	Description	Specification		Specification offered by the firm without indicating the Price (To be filled by the Firm) Values to be indicated
1	Item	Digital Display Unit with Signage Software		
2	Quantity	3 Nos (Two Nos wall mounted + One No drop down from ceiling) with necessary brackets, hangers and hardwares etc., for installation. Additionally Customized Trolley Stand (As spare) - 3 Nos to be supplied.		
3	Application	For Digital Display - 75" of Information in Production Shops		
4	Place of installation	Production shops in Engine Division, BEML LIMITED, Mysore		
5	Overall Size of Item	Display Size - Across Dimension 75"		
6	Make	Reputed Make like LG / Samsung		
7	Technical Specification			
8	Panel	Screen Size	75" or higher	
		Panel Technology	IPS	
		Back Light Type	Direct	
		Native Resolution	3,840 x 2,160 (UHD)	
		Brightness (cd/m2)	330 nits or more	
		Operating System	WebOS	
		Viewing Angle (H x V)	178 x 178	
		Response Time	8 ms or better	
		Operation Hours	16x7 Hrs or more	
		Orientation	Landscape & Portrait	
9	Connectivity	Input	HDMI (3), USB (2)	
		Output	Audio	
		External Control	RS232C In / Out, RJ45 (LAN) In	
10	Key Feature	Internal Memory 8 GB, Built-in Wi-Fi, Temperature Sensor, Auto Brightness Sensor, Local Key Operation, webOS 6.0, Embedded CMS (Local Contents Scheduling, Group Manager), USB Plug & Play, Fail Over, Background Image (Booting Logo Image, No Signal Image), Screen Share, Play via URL, Setting Data Cloning, SNMP, ISM (Image Sticking Minimization) Method, Control Manager, Smart Energy Saving, PM Mode, Wake on LAN, Beacon, HDMI-CEC (Compatibility may differ by equipment)		

11	Sound	Speaker	20W (10W x 2)) or above	
12	Power	Power Type	Built-In Power	
		Power Supply	100 – 240 V, 50/60 Hz	
		Consumption Typ. / Max.	155W / 220W	
13	Software Compatibility	Content Management Software	SuperSign CMS	
		Control and Monitoring Software	SuperSignControl / Control+, SuperSignWB, SuperSignMedia Editor, Signage365Care3)	
14	Certification	Safety	UL, BIS, FCC Class "A"	
15	Warranty	3 years		
16	Wall mount & Ceiling Mount	Required		
17	Accessories	Remote control, Standard cable		
18	Digital Signage Software	The Digital Signage Software solution shall be server-client based, Multi-User Access, Multi-Screen Support, Creating and Editing Schedules, Easy Delivery, Easy Management, Easy Program Creation and Scheduling Manageable over the Network (Intranet/Internet & Extended WAN Links), and easy to-use. Digital signage software to provide the following general features & content management facilities:		
19	a) General Features:	1) GUI base Interface to provide the facility to design and create content		
		2) Unique naming scheme to identify Digital Signage Screen at remote location.		
		3) Real-time broadcast of contents (text, image, audio, video, etc.) from a central location over intranet/internet. Popular formats like mp4 or similar (for video), jpg, png, gif or similar (image), swf or similar (flash) to be supported.		
		4) Multiple. Region Zones & Multiple layouts: Capability to divide the screen as required & populate images, videos, text, flash etc using drag & drop facility. Splitting of screen into number of zones and each zone to be capable for playing different images, videos etc. The facility of scrolls crawls, to separate multiple displays on separate regions on the screen		
		5) Ability to update Firmware on selected Digital Signage Displays remotely.		
		6) Ability to schedule auto ON/OFF mode and wake up Digital Signage Displays from a centralized location.		

		7) The software shall be capable of distributing content to multiple LED displays concurrently.	
		8) The software should have facility to have a screen shot of the live content and virtual remote to control the display.	
20	b) Content Management:	1) The software should have perpetual license	
		2) Add/modify/delete/combine the content in any of the file formats which results in audio, video, text format (including PPT, pdf media files, etc). It shall also be capable of adding scrolling and can set speed of scrolling for text message content.	
		7) Design the content with ease (drag and drop) in any media format. Should support choosing a Ready-to-use template and have relevant and unique content created within minutes.	
		8) Facility to remotely view and control the current playback status of any screens.	
		9) Content deployment can happen on a real-time basis or on a scheduled date and time.	
		11) Provision to push content in Digital Signage System.	
		12) Should support to show content in: horizontal/vertical formats in any required aspect ratio and resolution.	
		13) Should support Overriding of scheduled or current content on the screen(s) with emergency messages.	
21	c) User Management:	1) Create users different access levels.	
		2) Assign displays to users for management.	
		3) Password-protected access with provision to change password. Provision to reset a lost password by an admin / user.	
22	d) Connectivity & expandability:	The solution should be capable of connecting with an existing 802.1x enabled LAN network within the organization of the following media type:	
		1) Wired Ethernet connectivity	
		2) Wireless 802.11	
		3) With the supplied media player	
23	e) Backup and Restore	Required	
24	f) Report Module	Required	
25	g) Media Player	windows based os/android, quad core processor, 8 GB memory and 32GB storage, Interface (audio in, audio out, HDMI out, LAN, Wi-fi, USB, Bluetooth)	
26		Suitable for most 75" Display	

	Customized Trolley Stand (As spare) - 3 Nos	<ul style="list-style-type: none"> • Ability to rotate screen 90° from landscape and portrait positions • Design should support the equipment weight while allowing for manoeuvrability 	
27	HDMI CABLE should support 4K	Quality Performance — Uncompressed digital link between audio/video monitors / high-definition TVs. Max. Resolution — 4K@60Hz (4:4:4). High-Quality Connectors — 24K gold-plated connectors resist corrosion, and with best connectivity. Pull-Resistant Connectors — for a non-slip connection.	
27	Type	High Speed and Standard Speed HDMI cables support the following resolutions: 480i, 480p, 720p, 1080i, 1080p	
28	Shield	Dual shield against EMI/RFI interference (a) Al — Mylar (b) Tinned Copper	
29	Conductors	Moulded Conductors Gold Plated Conductors	
30	Standard Compliance	HDR, HDCP,	
	Flame Test	CL2	
31	Hardware & Software Features	Temperature Sensor, Auto Level, Wifi, Launcher Bar, Web Browser, Soft App, Screen Share (Miracast), Smart Share, Bluetooth Audio Playback, HDMI-ARC, IP Channel Manager	
	Certification Minimum Certification:	BIS, UL, FCC Class A/B	
32	Installation and Performance demonstration at site with user training	Bidders to provide necessary power supply and data interface cables etc., to set up the equipment at specified location ensuring compatibility with the system. Performance demonstration and training are part of the scope.	
33	Warranty	3 years onsite	

Qualification CriteriaEligibility/Qualification Criteria for participating in the tender:

1. Following are the essential requirements to be fulfilled by the vendors as a pre-requisite for submitting quotations: - (The supporting documents to be submitted along with *Technical Bid*)
Table-1

Sl. No	Qualification Criteria	Supporting Documents to be enclosed with Technical Bid
1	The firm submitting the quotation must be in the business of Supplying, Installation, Service support of: Digital Display system with Digital Signage software	Copy of the following documents a) Introduction about the firm, location, contact details and products dealing with.
2	Firm should have experience of supply and installation of similar kind of Digital Display system with Digital Signage software relevant documents need to furnish	The relevant P.O copy and installation and commissioning certificate /M.O.M to be submitted along with technical bid.
3	The item supplied should have established spares and service support.	Details of spares and service support for the item.

BEML LIMITED reserves the right to verify the performance credentials of the equipment supplied by the firm from their customers.

The quotations meeting the above qualification/eligibility with supporting documents criteria will only be considered for evaluation.

GENERAL TERMS AND CONDITIONS:1.0 TECHNICAL BID:

Please upload the following documents (signed with seal)

Sl. No	Description of document
1	The documents in support of qualification criteria to be submitted by the Firm.
2	The Technical Compliance Statement. Any deviation from specification and scope of supply to be clearly indicated.
3	Compliance to points in the corrigendum if any released before tender closing date.
4	The relevant Product catalogues, Pictures, Technical description etc., as applicable.

5	The validity of the quotation, delivery time, installation and commissioning time to be indicated.
6	Firms Acceptance to L.D clause, submission of Performance Bank guarantee, Payment terms.
7	The Annexure-2 to be signed and scanned indicating reply to the relevant points, as a token of acceptance of the tender terms & conditions.

No price details to be given in the Technical Bid. Technical Bid which includes pricing will summarily be rejected

2.0 PERFORMANCE BANK GUARANTEE (PBG):

The firm should submit a Performance Bank Guarantee as per BEML LIMITED approved format as coverage for the following and PBG should be provided during the period as indicated below.

SL	COVERAGE FOR	PBG should be submitted	PBG Validity
1	5% of the P.O value towards Performance guarantee during warranty period	Before the release of final payment	Valid for a period of 36 months + 3 months (claim period) from the date of commissioning and acceptance

PBG should be drawn from Scheduled Commercial Bank.

3.0 VALIDITY OF QUOTATION:

The quoted Prices should be valid for **Six months** from the tender opening date.

4.0 DELIVERY SCHEDULE:

The firm to quote their best delivery schedule for supply and installation & commissioning of the item.

5.0 LD CLAUSE:

The Equipment's complete in all respects shall be delivered as per schedule indicated in the purchase order.

The firm should indicate Time required for Commissioning and Prove out of items at site. Delayed Delivery, prove out due to reasons whatsoever, beyond the agreed schedules will attract L.D. clause as follows.

Liquidated damages (LD) and not by way of penalties will be recovered at the rate of 0.5% per week of delayed period beyond stipulated delivery, prove out period subjected to a maximum of 5% of value of purchase order

6.0 PACKING:

The items in the scope should be neatly packed for safe transportation. The supplies should accompany packing list.

7.0 WARRANTY:

The firm shall warranty that the supplies made under the contract shall fully comply with the specifications laid out and shall provide Warranty as indicated in Annexure-1 from the date of commissioning and acceptance.

Warranty shall be applicable on the entire system including all the equipment's, accessories and spares supplied by the firm against all defects arising out of bad design, workmanship and materials.

The firm shall also replace such defective parts free of cost at our works and incidental charges incurred if any for such replacement / rectifications and the services of Firms Engineers utilized for such purposes shall be without additional charges.

8.0 SPARES:

Till the end of Warranty period, it is the responsibility of the firm to replace the spares required free of cost. All expenses incurred like CIF charges, Customs Duty, Inland transport, Insurance and any other incidental charges will be to the firm's account.

9.0 SPARES & SERVICE SUPPORT:

The firm should guarantee the spares, service and software support for a period of minimum **10 years** from the date of supply of the equipment. The firm should have sufficient stock of spares and consumables required for the equipment supplied, so that in case of service call from BEML LIMITED the firm should be able to attend to the problem within a short period of time.

10.0 INSTALLTION AND COMMISSIONING:

The scope includes Installation and commissioning of the total system at BEML LIMITED and proving the system for its performance and shall be completed within the period indicated in the P.O.

1. Installation, Commissioning and Performance prove out of all the items in the scope of the Purchase Order.
2. The integration of the accessories in the scope to work as a system is the responsibility of the firm.
3. Safety and Compliance of statutory requirements like wage, ESI, PF, Personnel Protective devices of the personnel deputed by the firm, Compliance of Local labour regulation if any for installation and commissioning of the above system is the responsibility of the firm. Any accident happening during the installation & commissioning, is sole responsibility of firm.
4. The firm has to depute the experienced staff for commissioning work of the machine and has to produce the identification card, ESI/Accidental insurance for the personnel deputed.

11.0 INSPECTION REPORT:

In case of supplies each consignment shall be accompanied by a supplier's inspection report certifying that the Stores conform to the required specifications. However, BEML LIMITED reserves the right to inspect the stores when received at works and our inspection will be final.

12.0 INSTRUCTION MANUALS: (Three sets hard prints in English)

Operation, Maintenance, General layout drawing for the equipment including control system, error codes & diagnostic manual, wiring diagram, spare parts manuals should supply in triplicate for **all the items** in the scope.

13.0 TRAINING:

The supplier shall impart necessary training to BEML LIMITED personnel in the areas of Equipment Operation, maintenance during commissioning at BEML LIMITED. This should be sufficient enough for BEML LIMITED personnel to operate and maintain the system.

14.0 PAYMENT TERMS:

Our Payment Terms is 90 % of P.O value +100% Taxes in 60 days after installation; commissioning and performance prove out and balance 10 % against submission of Performance Bank Guarantee for 5 % of P.O value, valid for 39 months from the date of commissioning and acceptance.

15.0 BEML LIMITED reserves the right to accept or reject any of the offers received either fully or partly without assigning any reasons for the same.

Sd/-

Dy. General Manager (Materials)

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