

PRODUCT STANDARD
DIGITAL TRANSFORMATION GROUP
BAP/BHEL/RANIPET - 632 406

BHEL: BAP: DTG: REV 01
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DATE 15.03.2019

TITLE: TECHNICAL SPECIFICATION FOR TOUCH SCREEN KIOSK

ITEM: TOUCH SCREEN KIOSK

NAME		DESIGNATI ON	SIGNATURE	DATE
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ISSUED BY:
DIGITAL TRANSFORMATION GROUP

REVISION NO 01

INITIAL RELEASE

15.03.2019

DIGITAL TRANSFORMATION GROUP,
BAP/BHE/RANIPET

SCOPE OF SUPPLY:

Supply, packing, delivery and installation along with accessories/fittings of touch screen kiosk along with installation and configuration of content management software for digital signage.

APPLICATION:

Touch Screen Kiosk for interfacing with BHEL Employee Self Service Portal and digital signage.

CONSTRUCTION:

i. KIOSK ENCLOSURE

- CRCA body made of 1.6mm thick sheet.
- Touch Screen.
- Space for PC and Fan.
- Floor mountable frame.
- Power Sockets
- RS232 and USB interfaces.
- Powder coated for Anti-rust, anti-acid, anti-dust
- Provision for industrial keyboard & tracker ball.
- Kiosk dimension should suit differently abled personnel also.

ii. TOUCH SCREEN

- Screen Size 21" or higher
- High transparency, high precision and durability
- Vandal Proof
- Projected Capacitive Touch
- Anti-rust, anti-acid, anti-dust
- Capacitive, 225 Million Touch
- Accuracy 1% of true precision
- 16K x 16K touch screen resolution Bare
- Finger Activation, not affected by surface contaminants like dust, grease, moisture, liquids etc.
- Should support Multitouch

iii. COMPUTER

- Min Motherboard: Intel® core i3 or higher
- The Intel® integrated graphics core
- VGA & HDMI graphics port 2 SATA II ports (3 Gb/s)
- Min RAM: 4GB or higher
- Min Hard Disk: 500 GB or higher
- Integrated Net Card, Sound Card, Graphic Card

- 1 RS-232 Ports,6 USB Ports,1 LTP, 1 VGA, 1 10/100M Net Port
 - Computer case and power supply
 - OS: Windows 10 or latest
- iv. PRINTER
- HP A4 Mono/Colour Printer
 - Duplex Printing
 - Should be compatible with the supplied computer OS.
- v. CONTENT MANAGEMENT SOFTWARE(CMS) FOR DIGITAL SIGNAGE
- User access control
 - Features to publish images, videos, greeting messages etc.,
 - Should have scheduling feature to schedule the content.
 - Ability to control individual kiosk for publishing contents.
 - Audio aid (Bilingual English / Tamil) is desirable.
- vi. BIOMETRIC ACCESS CUM CARD READER
- User access control using biometric access and card reader.
 - Card reader should be able to read mifare card.
 - Access control should verify biometric template stored in the card against the finger print.
 - Upon successful/unsuccessful login attempt to be logged.

INSPECTION AND TESTING:

- i. The bidder has to provide detailed drawing with the dimension and CMS software demo to be arranged during the tender evaluation stage.
- ii. Any modification required in the dimension/CMS software to be incorporated by the bidder with no additional cost.

DELIVERY PERIOD:

Supply and installation of kiosk and CMS software in 90 days. Supply – 60 days and
Installation & Commissioning – 30 days.

WARRANTY:

All the supplied items should be covered with one-year comprehensive warranty with product replacement from successful date of commission.

AMC CHARGES:

Post warranty AMC charges for Kiosk and CMS software to be indicated by bidder during tender stage. Separate PO will be placed for AMC if BHEL opts for AMC.

S.No	Item Description	AMC charges(Excl Taxes) (A)	AMC charges for 2 years(2 x A)
1	Kiosk Enclosure(inclusive of touch screen, PC, etc.,)		
2	CMS Software		

EXCLUSIONS: Server for CMS installation will be provided by BHEL. Power & Network for kiosk in scope of BHEL.

TRAINING AT BHEL, RANIPET PREMISES:

- The Vendor shall provide training at BHEL, Ranipet premises on the procured kiosk and CMS system.
- The training course shall be structured and supported by programmed illustrations, video, charts, etc. The training shall be conducted using experienced personnel only.
- The Vendor shall provide extensive lecture notes, handouts and other training documentations.
- The boarding and lodging of trainer faculty will be responsibility of the Vendor.
- Training schedule date shall be mutually discussed and agreed upon. Both User Level Training and Administrator training in kiosk and CMS operations and to ensure familiarity with the system.

SPECIAL CLAUSES:

- Make, Model, Product No and Details of each Item must be mentioned clearly.
- No item shall be offered whose end-of-sale has been declared by the OEM or has been declared to be under phase out.
- Proper documentation, labeling and tagging shall be carried out for all the equipment's used in the entire landscape for easy management and maintenance.
- L1 will be evaluated based on total charges and AMC for two years (including taxes). Quarterly payment will be made for the AMC charges.
- The bid having the least total cash outflow (including 2 years AMC) will be considered for order placement.
- BHEL reserves the right to opt for AMC support for the hardware and software at end of one-year warranty period by way of awarding separate AMC contract to bidder at the rate quoted.



Item Annexure for Enquiry no 2790339E/08.06.2019

Sl no	Material Code	Item Description	Quantity (No)	Quoted/ Not Quoted
1	IM875289000	Supply and Installation of Touch Screen KIOSK as per Technical Specification	4	
2	IM8752891000	KIOSK Software Content Mgt System	1	
3	-----	AMC charges for 02 years	4	

Note:--

L1 will be evaluated based on total charges (Touch Screen KIOSK & Software) and AMC for two years (including taxes). Quarterly payment will be made for the AMC charges.

The bid having the least total cash outflow (including 2 years AMC) will be considered for order placement.

BHEL reserves the right to opt for AMC support for the hardware and software at end of one-year warranty period by way of awarding separate AMC contract to bidder at the rate quoted.

Signature and Office Seal of Vendor



Pre-Qualification Criteria for Enquiry no 2790339E/08.06.2019

Sl.No	CRITERIA	VENDOR ACCEPTANCE / REMARKS
1	Supplier has to enclose one purchase order for kiosk from their previous customer within the period of 2 years. Customer / Company name Postal Address Phone Mobile, fax, Email Month & year of Supply	
2	<u>Previous Purchase order copy MUST NOT HAVE PRICE i.e price must be hidden.</u>	

NOTE:

1. After satisfactory fulfilment of all the above criteria / requirement, the offer shall be considered for further evaluation as per NIT and all other terms of the tender.

Signature and Office Seal of Vendor



Price Bid Format for Enquiry no 2790339E/08.06.2019

Sl no	Material Code	Item Description	Quantity (No)	<u>Unit Price in INR</u>
1	IM875289000	Supply and Installation of Touch Screen KIOSK as per Technical Specification	4	
2	IM8752891000	KIOSK Software Content Mgt System	1	
3	-----	AMC charges for 02 years	4	
4	GST on sl no. 01 (Supply & installation) in percentage			
5	GST on sl no. 02 (Software) in percentage			
6	GST on sl no. 03 (AMC) in percentage			

Note:--

L1 will be evaluated based on total charges (Touch Screen KIOSK & Software) and AMC for two years (including taxes). Quarterly payment will be made for the AMC charges.

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BHEL reserves the right to opt for AMC support for the hardware and software at end of one-year warranty period by way of awarding separate AMC contract to bidder at the rate quoted.

Signature and Office Seal of Vendor