

# REQUEST FOR QUOTATION



BHARAT HEAVY ELECTRICALS LIMITED  
Electronics Division  
PB No. 2606, Mysore Road Bangalore - 560026  
INDIA

RFQ NUMBER:  
SAKMRCH001

RFQ DATE :  
[REDACTED]

Due Date/Day: [REDACTED]  
Time [REDACTED]  
Tender Box : [REDACTED]  
NEW ENGG. BLDG

MMI:PU:RF:003

(address for communication) :

(for all correspondence)

Purchase Executive : Santosh Kumar  
Phone : 8004939865  
Fax :  
E-mail: kumar.santosh@bhel.in

SI No.	Description	Qty	Unit	Delivery qty	Delivery Date
1	SA0653944713 IPPC 19" MON INTEL i7 or better WIN10 OS * HSN/SAC :  INDUSTRIAL GRADE PANEL PC 19" WITH TOUCH SCREEN, KEYBOARD, TRAY & PANEL MOUNTING KIT AS PER DETAIL SPECIFICATION PS4192042 REV02	75	NO	75	[REDACTED]

Total Number of Items - 1

- 1.
- 2.

TWO PART BID - SUBMIT TECHNICAL AND PRICE BID IN SEPARATE SEALED COVERS

## NOTES:

1. This RFQ is governed by:
    - a) INSTRUCTIONS TO BIDDERS/SELLERS and GENERAL CONDITIONS OF CONTRACT FOR PURCHASE available at <http://edn.bhel.com> (**RFQ-PO Terms & Conditions**)
    - b) Any other specific Terms and Conditions mentioned.
  2. Bidders / Representatives who would like to be present during opening of offers are required to furnish authorization letter for the same.
- \* The HSN/SAC no mentioned against the line items in the RFQ are indicative only.

For and On behalf of BHEL.

Santosh Kumar  
Control Equipment

1 OF 1

### Pre-Qualification Criteria for Industrial Panel PC (Rate Contract)

The bidders intending to participate shall meet the following criteria and such of those bidders shall be pre-qualified for this tender.

Sl.No	Criteria	Documentary Evidence	Vendor compliance/ remarks
1.	<b>Manufacturer Authorization Form (MAF):</b> The bidder should be an OEM or authorized distributor of an OEM. Wherever Authorized Distributors are submitting the bid, a MAF or Certificate with OEM details such as name, designation, address, e-mail ID, and Phone number is required to be furnished along with the bid.	<ul style="list-style-type: none"> <li>● Self-Certification in the case of a bidder is OEM.</li> <li>● MAF from OEM in case the bidder is a dealer, distributor, or partner</li> </ul>	
2.	<b>IMPORTED PRODUCTS:</b> In the case of imported products, the OEM or Authorized Seller of the OEM should have a registered office in India to provide after-sales service support in India. A certificate to this effect should be submitted.	Certificate for authorized after sales service support in India	
3.	<b>Experience Criteria:</b> The Bidder or its OEM (themselves or through reseller(s)) should have regularly manufactured and supplied <b>the same or similar Windows-based Industrial Panel PC</b> to any Process Control Industry or Power plant for preceding 3 financial years (i.e. current year and three previous financial year) as on opening of bid, as per following criteria: <ul style="list-style-type: none"> <li>(i) Single order of at least 25% of estimated bid Quantity; or</li> <li>(ii) Two order of at least 15% of estimated bid Quantity; or</li> <li>(iii) Three order of at least 10% of estimated bid Quantity</li> </ul>	For fulfilling the experience criteria, any one of the following documents shall be considered valid proof of meeting the experience criteria: <ul style="list-style-type: none"> <li>a. Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.</li> <li>b. Execution certificate by client with order value</li> <li>c. Any other document in support of order execution, like a Third Party Inspection Release Note, etc.</li> </ul>	

4.	<p><b>Performance Criteria:</b> The Bidder shall provide a performance certificate from the end user of the <b>same or similar Windows-based Industrial Panel PC</b> for one year of continuous trouble-free operation at any Process Industry or Power plant.</p>	Performance certificate from end user to be provided	
5.	<p><b>Test Report:</b> The bidder or OEM must possess the following Valid Certificates or Test Reports on the date of bid opening (to be uploaded with the bid):</p> <p><b>Valid Test Report for NEMA4 or IP65-Compliant Front Panel</b></p>	Valid Test Report for NEMA4 or IP65 Compliant Front Panel	
6.	<p>Bidders shall quote only those products in the bid that are not obsolete in the market and have at least 3 years' residual market life from the date of bid opening, i.e., the offered product shall not be declared end-of-life by the OEM before this period.</p>	OEM declaration for the same	
7.	<p>The offer shall be for new equipment and not for any refurbished or used equipment. All the parts used must also be new and not used or refurbished.</p>	A declaration to this effect is to be furnished.	
8.	<p><b>Service and Support:</b></p> <p>The suppliers or their authorized service representative shall have trained engineers in India for providing and troubleshooting support for the offered PC and shall be in a position to provide prompt after-sales services and spares support, if required.</p> <p>Also, the supplier shall be in a position to provide troubleshooting support for the PC supplied after the expiration of the warranty or guarantee period, either directly or through a service representative, if required.</p>	<p>Declaration for the same to be provided.</p> <p>The declaration shall include the functional service centre address, a dedicated or toll-free telephone number for Service support, and an escalation matrix of Telephone Numbers for Service Support.</p>	



A4-10

## Purchase Specification INDUSTRIAL PANEL PC 19"

PS4192042

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### (A) INDUSTRIAL PANEL PC 19" WITH KEYBOARD, TRAY & PANEL MOUNTING KIT WITH FOLLOWING FEATURES

Category	Requirement	Vendor Compliance
Make/Model	Vendor to indicate quoted make/model	
Processor	Intel® 12/13th Gen Core™ i7 processor or better, with minimum 8 cores	Mention Processor & speed.
Frequency	Max Turbo frequency 4 GHz or better	
Display	SXGA 19" LED SCREEN, 1280x1024 RESOLUTION. CR: 1000:1 MIN. BRIGHTNESS: 300 cd/m2 MINIMUM. MINIMUM VIEWING ANGLE (H/V) - 170/160. <b>TOUCH SCREEN</b> TO BE PROVIDED.	
Operating System	GENUINE Microsoft® Win 10 IOT LTSC(64-bit) PRE-INSTALLED TO BE SUPPLIED WITH ITS RECOVERY CD/IMAGE CD AND OTHER DRIVER CDs. PROCESSOR SHALL BE SUITABLE FOR INSTALLING WINDOWS10 ENTERPRISE IoT 64bit LTSC.	
Hard Disk	MINIMUM 1TB NVMe M.2 SSD	
Memory	16GB DDR4 or DDR5 expandable to minimum 32GB	
LAN Ports	2 No. 10/ 100/1000 Base-T Ethernet LAN port with Teaming support and required drivers	
Expansion Slot	1 NO. - PCI / PCIe EXPANSION SLOTS;	
DVD RW	DVD+/- RW Drive Internal or External	
Certifications	FRONT PANEL TO COMPLY WITH NEMA4 / IP65 PROTECTION, UL/CE/FCC CERTIFICATION.	
USB Ports	Minimum of five (5) USB ports.	
Keyboard	Industrial Grade IP68/IP65 Dust and Water Proof Keyboard, 19 Inch, 1U PANEL DOOR MOUNT KEY BOARD DRAWER WITH BALL BEARING SLIDE RAILS, HANDLE & LOCK WITH 104-KEY STD.KEY BOARD HAVING BUILT-IN TOUCH PAD, FULLY COMPATIBLE WITH WINDOWS AND SUPPORTING USB CABLE. Keyboard shall be integrated with mounting drawer. Key board tray dimension shall be as per attached sheet.	
Mouse	AN USB OPTICAL MOUSE TO BE PROVIDED	
Power	100 TO 240V AC, 60/50Hz (POWER CABLE SHOULD BE SUITABLE FOR INDIAN SOCKETS)	
Operating Temp & Humidity	0-50 Deg.C, 10-85% @ 40 Deg C(NON CONDENSING)	
Warranty	3 YEARS COMPREHENSIVE WARRANTY, BOTH AT BHEL-EDN AS WELL AS AT BHEL-SITES, FROM DATE OF DELIVERY AT BHEL-EDN.	
General	EACH BOX SHOULD HAVE A PACKING SLIP CONTAINING LIST OF ITEMS SUPPLIED.	
Date Sheet & Test Certificate	Data Sheet to be submitted along with offer Test Certificate to be provided	

**Note: Above Compliance shall be submitted by vendor along with supporting documents like datasheets, dimensional drawings, cut out details & Test Reports etc.**

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**REVISION : 03**
 Dept  
Code  
  
419

DRN.

NAME

SIGN

DATE

PREPARED

ASHOK  
CHOUDHARY

-SD-

18.07.2025

CHECKED

REETESH  
KUMAR A

-SD-

18.07.2025

APPROVED

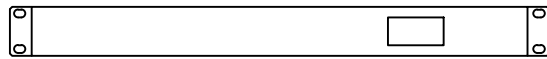
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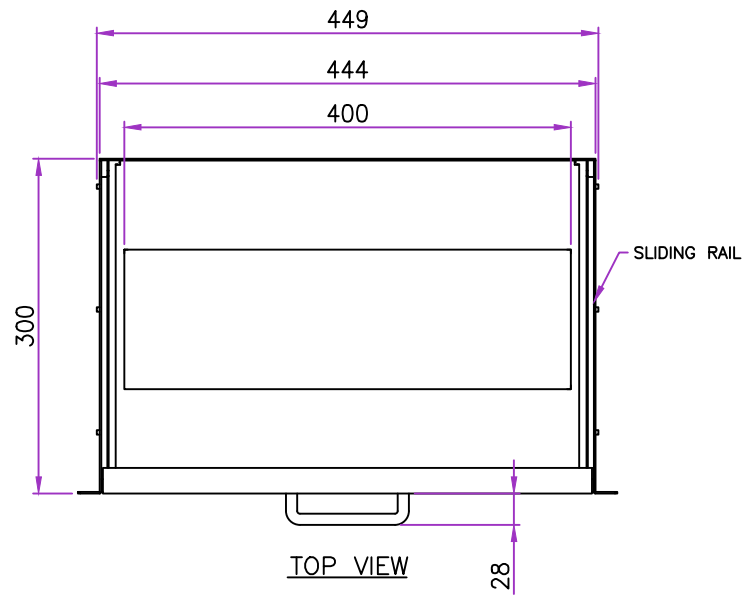
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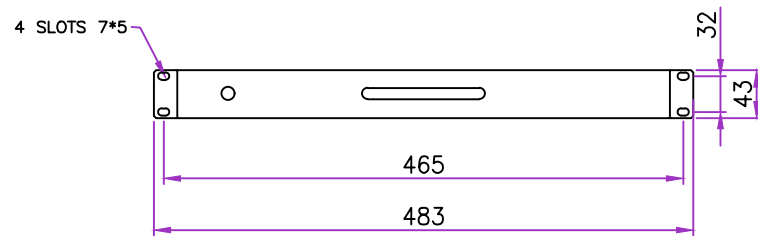
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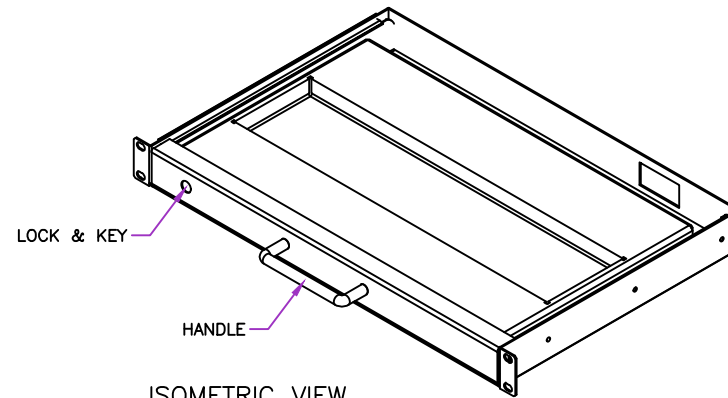
REAR VIEW



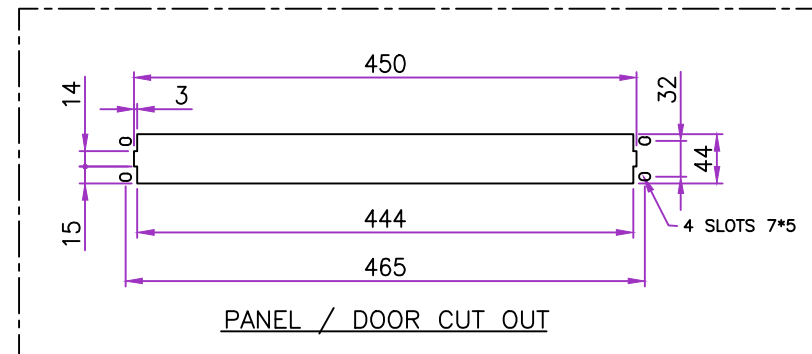
TOP VIEW



FRONT VIEW



ISOMETRIC VIEW



PANEL / DOOR CUT OUT