



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT/ MATERIALS MANAGEMENT

ENQUIRY

NOTICE INVITING TENDER

Phone: +91 431 257 7360/7775

Email : ajayasalkar@bhel.in

kumar.virendra@bhel.in

Web : www.bhel.com

TWO PART BID	Enquiry Number:	Enquiry Date:	Due date for submission of quotation:
Tender to be submitted in two parts	2631800032	09.05.2018	01.06.2018

You are requested to quote the Enquiry number, date and due date in all your correspondences. This is only a request for quotation and not an order.

Please note that under any circumstances both delayed offer and late offers will not be considered. Hence vendors are requested to ensure that the offer is reaching physically our office before 14.00 hrs. on the Date of tender opening.

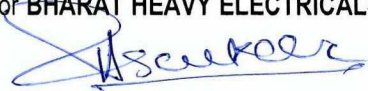
Item	Description	Qty.
10	"RFID Desktop Reader with USB Interface" as per the technical specification, BHEL commercial terms & conditions applicable (to be downloaded from web site www.bhel.com and https://eprocure.gov.in)	01 No.

Important points to be taken care during submission of offer:

1. Delivery terms shall be FOR BHEL Stores, Trichy-620014.
2. Compliance Form No.: MM/CE/IND/12 to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
3. Delivery required 2 Months from the date of purchase order.
4. EMD: Not Applicable.
5. All updates, amendments, corrigenda, etc., (if any), for each tender will be posted only on the above websites from time to time, as and when required, until each tender is opened. There will be no publication of such updates, amendments, corrigenda, etc., through newspapers or any other media.

BHEL's General guidelines / instructions (Refer: MM/CE/GENL001), commercial Terms check list (Compliance Form) and Technical Specification can be downloaded from BHEL web site <http://www.bhel.com> or from Central Public Procurement Portal website <https://eprocure.gov.in> under Enquiry reference "2631800032".

Note: this is not an E-tender, hence Vendors are requested to ensure that the offer is reaching physically at our office before 14:00 Hrs. on the date of tender opening.

Tenders should reach us before 14:00 hours on the due date Tenders will be opened at 14:30 hours on the due date Tenders would be opened in presence of the tenderers who have submitted their offers and who may like to be present	Yours faithfully, For BHARAT HEAVY ELECTRICALS LIMITED  AJAY V. ASALKAR Sr. MANAGER MM / Capital Equipment BHEL, Tiruchirappalli - 620 014
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Technical Specification of RFID Reader and writer		
Sr. No.	Particular	Specification
1	Reader	USB Reader
2	Development Kit	USB DEVKIT
3	RFID ProtocolSupport	EPC Global Gen 2 (ISO 18000-6C) with Anti-Collision and DRM
4	Antenna	Internal linear polarized antenna with peak Gain 1 dBi from 860-960 MHz
5	RF Power Output	Separate read and write levels (into the antenna) are command-adjustable from 10 dBm to 23 dBm (200mW), +/- 1.0 dBm accuracy
6	Frequency	Pre-configured for the following regions: FCC 902-928 MHz (Americas) ETSI 865.6-867.6 MHz, 869.85 MHz (EU) KCC 917-920.8 MHz (Korea) TRAI 865-867 MHz (India) ACMA 920-926 MHz (Australia) SRRC-MII 920-925 MHz (P. R. China) 'Open' (Customizable) 860-960 MHz
7	Physical	USB mini-B connector, with 2 foot (61 cm) cable terminated in A-type plug
8	Signaling	Asynchronous serial interface with 3.3/5V logic levels; baud rates from 9600 to 921,600 bps
9	I/O	Two I/O command controlled LEDs and two I/O command queried switches
10	Protocol	Command-response protocol protected by length field and 16-bit CRC
11	Dimensions (not including stand)	97 mm L x 61 mm W x 25 mm H (3.8 in L x 2.4 in W x 1.0 in H)
12	Regulatory	FCC 47 CFR Ch.1 Part 15 Industrie Canada RSS-21 0 ETSI EN 302 208 v1.4.1
13	Safety	IEC 60950-1 (ed.2) US-17650-UL
14	DC Power Required	DC Voltage: 5 VDC (Powered by USB interface) DC Power: 2.7 W (540 mA) max Supplied interface cable terminates in two type-A plugs: one for power and signal, the second for additional power if needed
15	Idle Power Consumption	1.7 W max at idle (Power management modes can be used to reduce this to as little as 0.1 W)
16	Operating Temp.	Operating Temp. -20C to +60C
17	Storage Temp.	Storage Temp. -40C to +85C Architecture
18	User-accessible Flash Memory	16 kB
19	Tag Buffer	200 Tags
20	Tag Read Rate	Up to 200 tags/second
21	Max Read Distance	Up to 3 ft (0.91 m) depending on tag sensitivity and orientation

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[R. THAN SARELU]