



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

ENQUIRY	Phone: +91 431 257 7421 Email : vkaruna@bhel.in Web : www.bhel.com
NOTICE INVITING TENDER	

TWO PART BID	Enquiry Number:	Enquiry Date:	Due date for submission of quotation:
Tender to be submitted in two Parts	2631900053	05.11.2019	29.11.2019

You are requested to quote the Enquiry number date and due date in all your correspondence. 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	Quantity	(Indigenous Vendors) Matl. will be Delivered to
10	Digital Sine Wave Inverter with Battery as per the technical specification and commercial conditions applicable (to be downloaded from web site (http://www.bhel.com) http://www.bhel.com/tender/tender_home.php or https://eprocure.gov.in/epublish/app)	2 Nos.	FOR, BHEL Stores, High Pressure Boiler Plant, Tiruchirappalli - 620014

Important points to be taken care during submission of offer

1. Material shall be delivered to: Indigenous Vendors: As stated above.
2. Delivery required 1 Month including PDI from the date of purchase order.
3. Erection & Commissioning period required : NIL
4. EMD for this Tender will be (not less than): NIL
5. Compliance Form Nos.: TRY/IND/09 to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
6. 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 / GENL / 001 – NO EMD) including bank guarantee formats and list of consortium banks, commercial terms check-list can be downloaded from BHEL web site (<http://www.bhel.com>) http://www.bhel.com/tender/tender_home.php or from the Government tender website <https://eprocure.gov.in/epublish/app> under above Enquiry reference.

(This is not an E-tender, please submit your offer in hard copies)

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**

V. Karunakaran 5/11/19
DGM / Capital Equipment / MM

V. KARUNAKARAN
Dy. General Manager
Capital Equipment / MM
BHEL / Tiruchirappalli - 620 014

DIGITAL SINEWAVE INVERTER WITH BATTERY: - 2 Nos.

Technical Specification

SL No	SPECIFICATION & DESCRIPTION		BIDDER’S OFFER with technical details
Part A: 1. Only those who have supplied and commissioned at least 2 Nos. of Digital Sinewave inverter with battery / Home UPS System of 850VA or Above are eligible to quote for this tender. Document proof should be enclosed in the offer for the same. 2. Insufficient or invalid information will disqualify the quotation or offer.			
Part B:			
1	Technology	Pulse width modulation (PWM) technology using MOSFET / IGBT	
2	Inversion Technique	DSP based pulse width modulation with copper transformer	
3	AC Input Voltage	230V ± 10V	
4	Power Rating of UPS in VA	Min. 850VA	
5	AC O/P Voltage at No Load	220 / 230 VAC	
6	Output frequency	50 Hz	
7	Wave form output	Pure Sine wave	
8	Operating temperature	15 to 45 Deg C	
9	Indications	LED / LCD Display	
10	Dimension (L X W X H)	Bidder To Specify	
11	Different alarm for fault finding	BIDDER to specify	
12	Protection	Reverse Phase, Short circuit, Over temperature, Overload and Battery Low. Bidder to confirm and provide details	
13	UPS Make	Bidder to Specify	

SL No	SPECIFICATION & DESCRIPTION		BIDDER'S OFFER with technical details
14	Battery set: Tall tubular Batteries	Makes: Exide / Amaron / IPS / Standard Furukawa. Bidder to confirm and provide details	
15	Specification of Battery	Tall Tubular Battery : 12 Volts, 100 Amp Hr. (Specify Model No of Battery)	
16	Weight of the UPS and Battery	Bidder to Specify	
17	Dimension of UPS & battery (LxWxH) in mm	Bidder to Specify	
18	General scope of supply	UPS with Battery: 2 Nos	
19	Installation	The BIDDER has to install the UPS and Batteries at BHEL works. Required cables and wires to be supplied along with UPS system.	
20	Warranty period	3-year replacement (for Battery) 1-year repair (for Home UPS) from the date of installation at BHEL works	