



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 7653 Fax : +91 431 252 0031 Email : skaruna@bheltry.co.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.	2631600018	12.07.2016	08.08.2016

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	Quantity	Delivery
10	Power Tiller with Trailer as per the technical specification, BHEL commercial terms & conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in)	02 Nos.	08.11.2016

Important points to be taken care during submission of offer

1. Compliance Form to be duly filled and enclosed along with your offer, failing which the offer will not be considered for evaluation.
2. 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 including bank guarantee formats and list of consortium banks, commercial compliance form can be downloaded from BHEL web site <http://www.bhel.com> or from the Government tender website <http://tenders.gov.in> (public sector units) Bharat Heavy Electricals Limited page) under Enquiry reference "2631600018".

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

K. Singh
KUMAR GAUTAM SINGH
Senior Engineer
MM / Capital Equipment
BHEL, TRICHY - 620 014.

POWER TILLER

Part A – Qualifying Criteria

The bidder / vendor has to compulsorily meet the following requirements and should furnish the required supporting documents in order to qualify for this tender:

S NO	BHEL REQUIREMENTS	VENDOR'S RESPONSE
1	The BIDDER / VENDOR should have supplied the quoted model to Govt. Departments / PSU / Renowned Private Companies in the last 3 years. Documentary proof supporting the same should be submitted along with the offer.	
2	The BIDDER / VENDOR should furnish the list of customers to whom the offered model has been supplied along with PO copies.	
3	In case of dealers, certificate of dealership issued by the OEM should be submitted.	
4	Details on SERVICE AFTER SALES set up in India including the Address of Agents / Service Centres in South India to be furnished.	
5	The Technical Offer shall be supported by Product Catalogue and Data Sheets with complete technical details.	

Power Tiller Specification

	BHEL Requirement	Vendor's Confirmation
ENGINE		
Type:	Horizontal 4 stroke Single cylinder Water cooled Diesel engine.	
Combustion Chamber:	Direct Injection (DI)	
Bore:	95mm	
Stroke:	95mm	
Displacement:	673.4 cc	
Compression Ratio:	18:1	
Max. Torque:	4.2kg-m/1900rpm	
Max HP as per IS 13539 1996:	13.0HP@2400rpm	
S.F.C.(Specific Fuel Cons):	192g/hp/hr	
Governor System:	Mechanical Centrifugal Type	
Cooling System:	Condenser Type Thermo Siphon Cooling System	
Starting System:	Hand Cranking	
Lighting System:	12 volts / 35 watts	
Std. Pulley (DIA):	100 mm / optional 120mm	
Dry Weight:	125 Kgs	
FUEL SYSTEM		
Fuel:	High Speed Diesel	
Fuel Tank Capacity:	11 lts.	
Nozzle:	Multihole (4)	
LUBRICATING SYSTEM		
Oil Sump capacity:	2.4 lts.	
Type of Lubricating System:	Force Feed type Pump	
Air Cleaner:	Multistage stage oil bath type with cyclonic per cleaner	
TILLER		
Type:	Side drive rotary transmission	
Forward:	6 Speeds	
Reverse:	2 Speeds	
Rotary:	2 Speeds (Optional 4 Speeds)	
Clutch:	Multiple Plate, Dry disc type	
Brake:	Hand operated internal expanding metallic Shoe Type.	
Weight:	280 kg.	
SPEEDS		
Forward:	Standard Pulley	Optional Pulley
Gear 1L	1.48 kmph	1.78 kmph
2	2.18 kmph	2.62 kmph
3	3.43 kmph	4.11 kmph
4H	5.26 kmph	6.31 kmph
5	7.72 kmph	9.26 kmph
6	12.18 kmph	14.61 kmph
Reverse:		
1L	1.28 kmph	1.53 kmph
2H	4.56 kmph	5.47 kmph
OVERALL DIMENSIONS		
Length * Width * Height:	2320mm x 810mm x 1300mm	

TRAILOR SPECIFICATION

	BHEL Requirement	Vendor's Confirmation
Size:	1880 x1100 x 375 mm	
Sheet: Platform:	12 SWG	
Side door:	16 SWG	
Chassis:	50 x 6 Angle	
Draw bar:	65 x 6 Angle	
Side Angle:	35 x 5 Angle	
Axle:	50 mm round rod	
Size of tyre:	600 x 16 jeep tyre	
Type of brake:	Expanding drum type	
Brake rod and seat:	As per requirement	
Capacity:	1.25 Tons	