

BHARAT HEAVY PLATE & VESSELS LIMITED.,  
(A Subsidiary Bharat Heavy Electricals Limited)  
A Government of India Enterprises  
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**NOTICE INVITING TENDER( NIT)**

**Category of Tender: TWO BID  
(PRICED + UN - PRICED)**

**SUB: Pipe Sizing Band Saw**

Our Ref: **MM/2/10/3088/CAP/W-100/5104**

**DATE: 10.08.2012**

Sealed quotations in duplicate are invited from suppliers on **or before 18.09.2012** **SUPERSCRIBING OUR REFERENCE AND CATEGORY OF TENDER** on the cover, for supply of the under mentioned stores within the above due date, otherwise send **REGRET LETTER**, strictly subject to the Terms & Conditions attached herewith.  
**LATE TENDERS ARE NOT ACCEPTABLE.**

ITEM No.	DESCRIPTION / SPECN. / SIZE	QTY
1.	Pipe Sizing Band Saw	1 Nos
	<b>Encl:</b>  1. <b>Qualifying Criteria PART A</b> ..... 4 pages 2. <b>Technical Specifications PART B</b> ..... 12 Pages 3. <b>General Terms/ commercial terms and conditions</b> ..... 9 pages <b>(INCLUDING CHECK LIST)</b>	

**For BHARAT HEAVY PLATE & VESSELS LIMITED,**

**For Dy. GENERAL MANAGER (MM)**

**QUALIFICATION CRITERIA PIPE SIZING BAND-SAW with HANDLING FACILITY  
(PART A)**

Page 1 of 4

**SECTION – I : COMPANY PROFILE**

The BIDDER is requested to provide details listed in the table given below :

<b>S.No.</b>	<b>PARTICULARS</b>	<b>VENDOR's RESPONSE</b>
1.0	Number of Years of Experience of the BIDDER (Original Equipment Manufacturer) in the field of Design, Manufacture, Supply and Commissioning of Double Column Bandsaw Machines.	
2.0	Number of Double Column Bandsaw Machines supplied and installed till date in the following category (based on CAPACITY) with details on customers (only reputed customers in the field of heavy engineering fabrication ) : a) Above 600 mm b) 60 to 600 mm	
3.0	Details on Standards or Codes followed in the Design of Bandsaw Machine	
4.0	Details of In-House Manufacturing Facilities, the BIDDER has for building the Bandsaws of Large Sizes : a) Fabrication Facilities b) Heat Treatment Facilities c) Machining/Grinding Facilities d) Assembly & Testing Facilities	
5.0	Details of Quality Assurance & Control System (with Stages of Internal Inspection) followed for the Fabrication / Machining and Testing of Bandsaws	
6.0	Details on SERVICE-AFTER-SALES Set-Up in India including the Addresses of Agents / Service Centers in India. [Details on the number of trained personnel with field of experience to handle the service needs of BHPV in time]	
7.0	BHPV reserves the right to verify the information provided by vendor (including visit by a team of BHPV Officials to the Customer Works of the Vendor). In case the information provided by vendor is found to be false/ incorrect, the offer shall be rejected.	

**QUALIFICATION CRITERIA PIPE SIZING BAND-SAW with HANDLING FACILITY  
(PART A)**

Page 2 of 4

**SECTION – II : QUALIFYING CRITERIA**

The BIDDER has to meet the following requirements to get qualified for submitting an offer for the BANDSAW :

[Additional Sheets shall be attached with the OFFER, to provide requisite details]

<b>S.No.</b>	<b>REQUIREMENTS</b>	<b>VENDOR's RESPONSE</b>
8.0	Only those BIDDERS (Original Equipment Manufacturer), who have supplied and commissioned at least FIVE Numbers of Double Column Bandsaw with Cutting Capacity 660 mm and above (suitable for either square or circular shaped solid jobs in steel) shall quote.	
9.0	The Bandsaw Machines supplied under <b>Clause No. 8.0</b> , should presently be working satisfactorily for more than one year after commissioning. The following information should be submitted by the BIDDER about the companies where similar machines have been supplied.	
10.0	Name of the Customers / Companies where the bandsaw machines are installed.	
11.0	Complete Postal Address of the Customer with details of Authorised Contact Person.	
12.0	Year of Supply and Commissioning date.	
13.0	Parameters of Machine(s) supplied (parameters as mentioned in Clause <b>8.0</b> above) and application for which the machine is supplied.	
14.0	Phone No., FAX No. and e-mail address of the contact person of the Customer.	
15.0	Parameters of Machine(s) supplied (parameters as mentioned in <b>Clause 8.0</b> above) and application for which the machine is supplied.	
16.0	Performance Certificate in the enclosed FORMAT (in Page No.4) for a period, not less than one year, from minimum <b>TWO</b> CUSTOMERS and Reference List of Customers with full contact details (Email ID, Fax Number, Name of Contact Person), who are the End Users of the Machines (mentioned under <b>Clause No. 8.0</b> ) to be submitted.	

**QUALIFICATION CRITERIA PIPE SIZING BAND-SAW with HANDLING FACILITY  
(PART A)**

Page 3 of 4

**SECTION – III : BID / OFFER FORMAT**

The BIDDER has to comply with the following, for accepting the Technical Offer for scrutiny by the Purchaser :

<b>S.No.</b>	<b>REQUIREMENTS</b>	<b>VENDOR's RESPONSE</b>
17.0	The BIDDER shall submit the offer in TWO PARTS – Technical [with PART A & PART B] & Commercial and Price Bid.	
18.0	The OFFER shall contain a comparative statement of Technical Specifications given by BHPV and the Offer Details submitted by the Bidder, against each Clause. A just 'YES' or 'NO' or similar words in the technical comparative statement may lead to disqualification of the Technical Offer.	
19.0	The Technical Offer shall be supported by Product Catalogue and Data Sheets in ORIGINAL and complete technical details of 'Bought-Out-Items' with copies of Product Catalogue	
20.0	The Commercial Offer (given with the Technical Offer) shall contain the Scope of Supply and the Un-Priced Part of the Price-Bid, for confirmation of the inclusion of all the accessories, tooling, attachments, auxiliary parts, spares, consumables, etc. with the main and basic equipment, to meet the technical specification requirements.	
21.0	Earlier performance and field experience (service support) with BHPV / BHEL (if any) will be a reckoning factor for the technical qualification of the OFFER.	
22.0	The expected delivery period (including the time for Pre-Dispatch Inspection clearance by BHPV) for the bandsaw machines is not more than eight months from the date of issue of BHPV Purchase Order. In case the quoted delivery period extends beyond eight months, an additional grace period of two months is permitted, but with a loading for arriving at the PRICE COMPETITIVENESS of the Offer (if the OFFER is technically acceptable on all accounts). Details are given in the commercial terms of the this tender. One month for E&C	

**QUALIFICATION CRITERIA PIPE SIZING BAND-SAW with HANDLING FACILITY  
(PART A)**

Page 4 of 4

**PERFORMANCE CERTIFICATE – [SAMPLE FORMAT]**  
(On Customer's Letter Head)

1. Supplier of the Equipment/Machine :
2. Make & Model of the Equipment :
3. Month & Year of Commissioning :
4. Application for which Machine is used :
5.
  - a. Equipment Serial Number :
  - b. Cutting Capacity of Bandsaw :
  - c. Power of Bandsaw Drive Motor in HP/kW :
  - d. Cutting Speed Range :
  - e. Length of Jobs / Components before Cutting :
6. Performance of the Machine : Satisfactory / Not Satisfactory
7. Feed-Back on 'After Sales Service' from Supplier :
8. Remarks / Reasons for Recommendation :
9. Contact Details
  - Name of the Contact Person :
  - Phone No. :
  - Fax No. :
  - E-mail ID :

Date:

Signature & Seal of the Authority  
Issuing the Performance Certificate

# **QUALIFICATION CRITERIA PIPE SIZING BAND-SAW with HANDLING FACILITY (PART B)**

Page 1 of 12

## **TECHNICAL SPECIFICATIONS for PIPE SIZING BAND-SAW with HANDLING FACILITY**

### **1.0 PURPOSE / APPLICATION :**

The equipment is intended for sizing of pipes, tube bundles, forged and rolled bars in square-cut condition into small and varying lengths. The number of pieces per batch vary from single digit to few tens. A pipe in-feed and cut-bit discharge (material handling facility) roller conveyor also shall form part of the supply.

### **2.0 2.0 JOB DETAILS :**

2.1.0 Raw-material is in the form of seamless steel pipes and ERW pipes with protective coating on the outside surface. And forged rods and hot-rolled bars in the form of bundles are also earmarked for cutting / sizing in the proposed band-saw machine.

### **2.2.0 MATERIAL SPECIFICATION:**

- 2.2.1 SA 234 WPB, WPC, WP 12 and WP 22, WP 91  
(As per ASTM Standards for hot-formed & normalized forgings)
- 2.2.2 SA 105, SA 106 Gr.B/Gr.C, SA 210 Gr.A1/C, SA 515 Gr.70
- 2.2.3 SA 182 F12/F22, SA 209 T1, SA 213 T11/T22/T91  
SA 335 Gr.P11/P12/P22/P91, SA 387 Gr.12/22  
SA 335 Gr. P 23 / P 92 and Super 304 H
- 2.2.4 SA 240 TP 304, SA 312 TP 304, SA 312 TP 316  
(Sl. No. 2.2.2 to 2.2.4 As per ASTM Standards)
- 2.2.5 API 5L X42, API 5L Gr.B
- 2.2.6 As per Russian GOST Standards : 12 X 1M $\phi$  / Steel
- 2.2.7 As per DIN Standards : X 20CrMoV12.1, 14MoV6.3, 15NiCuMoNb5

## QUALIFICATION CRITERIA PIPE SIZING BAND-SAW with HANDLING FACILITY (PART B)

Page 2 of 12

### 2.3.0 MATERIAL SIZES :

2.3.1	Job Diameter Range (for Circular Jobs)	: 60 mm to 660 mm
2.3.2	Wall Thickness Range (for Pipes or Hollow Jobs)	: 10.0 mm to 100 mm
2.3.3	Size of Tube Bundles	: 600 mm x 6500 mm
	Tube Diameter Range	: 31.8 mm to 76.1 mm
2.3.4	Size of Rod Bundles	: 600 mm x 500 mm
	Rod Diameter Range	: 25.4 mm to 100 mm
2.3.5	Minimum Job Length (at In-feed side)	: 1,000 mm
2.3.6	Job with Maximum Length (Infeed)	: 12,000 mm
2.3.7	Job with Maximum Weight	: 15,000 kgs.

### 3.0 MACHINE SPECIFICATIONS :

The offered equipment shall be a high production semi-automatic stock feed band-saw designed and built to the highest standards of quality and performance. The in-feed unit shall be powered stock feed system and have precision indexing capability to automatically feed long work-pieces weighing upto 15,000 kgs. (15 MT). The system is to include a Digital Read-Out for setting cut-off lengths and shall be located at the Operator's Control Station.

The in-feed and out-feed (discharge) conveyor length have to be extended by adding Dead Roller Table (available in segments) to the Powered Tables on either side.

Sl.No.	PARAMETERS	SPECIFICATIONS	OFFER
3.1.0	<b>BANDSAW MACHINE :</b>		
3.1.1	Type	Double Column Horizontal Cut-Off Bandsaw	
3.1.2	Cutting Capacity at 90°	660 mm	
3.1.3	Cutting Saw Speed Range	15 to 120 mtrs./min. (steplessly adjustable)	
3.1.4	Cutting Accuracy	Bidder to Specify: (Allowable: Taper 0.1 mm for $\phi$ 100 mm)	

# **QUALIFICATION CRITERIA PIPE SIZING BAND-SAW with HANDLING FACILITY (PART B)**

Page 3 of 12

Sl.No.	PARAMETERS	SPECIFICATIONS	OFFER
3.1.5	Band Saw Drive Motor Power	Bidder to Specify <b>(Not to be less than 15 kW) – Bidder to give power calculations</b> with the Offer.	
3.1.6	Band Saw Dimensions	Bidder to Specify	
3.1.7	Band Wheel Diameter	Bidder to Specify	
3.1.8	(Flood) Coolant Flow Rate	Around 30 to 50 lits. /min. at 3 Bar delivery pressure	
3.1.9	Coolant Pump Motor Capacity	Bidder to Specify	
3.1.10	Coolant Tank Capacity &Dimensions	Bidder to Specify	
3.1.11	Hydraulic Motor Capacity	Bidder to Specify	
3.1.12	Hydraulic Oil Tank Capacity	Bidder to Specify	
3.1.13	Total Power requirement in kVA	Bidder to Specify	
<b>3.2.0</b>	<b>WORK HOLDING DEVICE :</b>		
3.2.1	Work Holding Type	Right Angle & Hydraulically Clamped	
3.2.2	Infeed System	Powered	
3.2.3	Infeed Conveyor Length - Powered	4000 mm (minimum)	
3.2.4	Dead Roller Table (connected to powered infeed table)	In segments of 2000 mm	
3.2.5	Number of Dead Roller Table for infeed side extension	Minimum 4 Nos.	
3.2.6	Discharge Conveyor Length	3000 mm – Powered	
3.2.7	Dead Roller Out-feed Table	In segments of 2000 mm	
3.2.8	Number of Dead Roller Table for outfeed side extension	Minimum 3 Nos.	
3.2.9	Cut-Length Setting Range	100 mm to 6,000 mm	
3.2.10	Feed Stroke in Single Mode	Around 500 mm	
3.2.11	Digital Measuring Unit Accuracy	± 0.1 mm / meter	
3.2.12	Cut-Off Length Feeding Accuracy	± 1.0 mm / stroke	
<b>3.3.0</b>	<b>DESIGN &amp; CONSTRUCTIONAL FEATURES :</b>		
3.3.1	Double column, horizontal feed frame, guidance by two large-section solid chromium plated columns and maintenance free sleeve bearings	Bidder to give details	
3.3.2	Sturdy Base / Heavy Bed to provide rigid base to bandsaw machine parts / components	Bidder to give details	



**QUALIFICATION CRITERIA PIPE SIZING BAND-SAW with HANDLING FACILITY  
(PART B)**

Page 4 of 12

<b>Sl.No.</b>	<b>PARAMETERS</b>	<b>SPECIFICATIONS</b>	<b>OFFER</b>
3.3.3	Inclined band travel feature. designed to shorten the effective cutting length	Bidder to give details	
3.3.4	Mechanism and arrangement for accurate band / blade guidance should be provided.	Bidder to give details	
3.3.5	Automatic hydraulic band tension, monitored electrically, to ensure correct band tension with system for automatic switch-off of drive	Bidder to give details	
3.3.6	Guide arm setting is to be synchronised with the adjustment of the movable vice jaw	Bidder to give details	
3.3.7	Provision to protect the saw band from overloading.	Bidder to give details	
3.3.8	Work height selector to allow raising of the band, to just clear the material stock	Bidder to give details	
3.3.9	Central guide to provide a third guide to stabilise the band at the start of the cut	Bidder to give details	
3.3.10	An electric motor driven brush on either side of the blade for blade cleaning (to remove the chips from the gullets of the blade teeth)	Bidder to give details	
3.3.11	Automatic load controlled feed regulation to provide constant cutting force	Bidder to give details	
3.3.12	Bandsaw Feed to stop automatically once the saw band stops	Bidder to give details	
3.3.13	Flood coolant system through an electrically driven pump. Separate pump units for flood coolant and flushing of chips preferred. Chip cleaning gun for flushing to be provided.	Bidder to give details.	
3.3.14	Fixed discharge table with integral coolant return	Bidder to give details.	
3.3.15	Provision to set the cutting length up to the single feed stroke which is read on a digital counter and also multiple stroke counter to make it possible to multiply the number of index cycles when pieces longer than the feed stroke are to be cut.	Bidder to give details	
3.3.16	Automatic length indexing by powered vice to work as per the preset length.	Bidder to give details	
3.3.17	The method of changing the saw band / blade should be easy and quick.	Bidder to give details	
3.3.18	The equipment shall have a centralised Control Panel so that all cutting parameters can be set from one position.	Bidder to give details	

**QUALIFICATION CRITERIA PIPE SIZING BAND-SAW with HANDLING FACILITY  
(PART B)**

Page 5 of 12

<b>Sl.No.</b>	<b>PARAMETERS</b>	<b>SPECIFICATIONS</b>	<b>OFFER</b>
3.3.19	Saw frame lift and lowering with safety switch	Bidder to give details	
3.3.20	Solid state circuitry for control panel	Bidder to give details	
3.4.21	Cutting Line Indicator (shadow light) to indicate mark on material for blade alignment.	Bidder to give details	
3.3.22	The equipment shall have a centralised control for setting the parameters from both Operator panel as well as on main panel.	Bidder to give details	
3.3.23	Indicators on the Main Panel to display the blade speed & the blade cutting force, Clamping pressure etc.,	Bidder to give details	
3.3.24	A fluorescent machine lamp with protective cover to be provided for cutting area visibility.	Bidder to give details	
3.3.25	Replaceable Carbide strips for band guide combined with alignment rollers to provide lasting accurate band guidance.	Bidder to give details	
3.3.26	Quick change from automatic batch cutting to single cut operation.	Bidder to give details	
3.3.27	Hydraulic double vice for simultaneous clamping on both sides of the saw band operated by hydraulic cylinders with regulated clamping pressure	Bidder to give details	
3.3.28	The hydraulic hold-downs are to be provided as additional top clamping for cutting Tubes / Bars in bundle (Bundle cutting).	Bidder to give details	
3.3.29	Manual control of shuttle Vice for moving work piece during set-up operations.	Bidder to give details	
3.3.30	Shuttle vice has to clamp and unclamp in sequence with machine vice. The clamping pressure has to be adjustable with respect to the wall thickness of the pipe material.	Bidder to give details	
3.3.31	The face plates of all the vices are to be of replaceable wear plates.	Bidder to give details	
3.3.32	The Dead Roller Table provided on both Infeed & Outfeed Sides shall be interchangeable	Bidder to give details	
3.3.33	The Pitch of the rollers provided in the Roller Table shall be close enough to hold minimum size of the job pieces cut off.	Bidder to give details	

## QUALIFICATION CRITERIA PIPE SIZING BAND-SAW with HANDLING FACILITY (PART B)

Page 6 of 12

Sl.No.	PARAMETERS	SPECIFICATIONS	OFFER
3.3.34	List of band saw blades to suit the various sizes (diameter and thickness) of the job, shall be indicated through a chart.	Bidder to give details	
<b>3.4.0</b>	<b>SAFETY FEATURES :</b>		
3.4.1	To stop the machine immediately, if the saw blade breaks or any slip during operation, due to jamming of blade into the work-piece.	Bidder to give details	
3.4.2	The machine is to be equipped with guide for the blade and saw blade safety covers, which completely covers the blade except for the actual cutting area.	Bidder to give details	
3.4.3	A safety interlock to stop the machine automatically if a wheel cover is opened during operation	Bidder to give details	
3.4.4	Saw frame lift and lowering with safety limit switch	Bidder to give details	
3.4.5	For operator safety the machine vice control is to be interlocked with blade drive system (i.e, blade drive will not operate unless machine vice is clamped).	Bidder to give details	
<b>3.5.0</b>	<b>OPTIONAL ACCESSORIES:</b>		
3.5.1	Electric piece counter with display unit	Bidder to give details	
3.5.2	Chip Conveyor System with Disposal Bucket	Bidder to give details	
3.5.3	Cutting Depth Control Unit: To stop the machine automatically as soon as the blade reaches the required depth of cutting	Bidder to give details	
3.5.4	Overload Indicator :- to indicate the overloading applied to the bandsaw blade	Bidder to give details	
3.5.5	Blade Run-Out Detector : - To stop the machine automatically when the cutting goes taper (i.e., deviation of cutting from vertical direction).	Bidder to give details	
3.5.6	Remote Control Unit with 10 mtr. Long interconnecting cable provided with protective sheath, connected to the machine main panel for machine operations.	Bidder to give details	

**QUALIFICATION CRITERIA PIPE SIZING BAND-SAW with HANDLING FACILITY  
(PART B)**

Page 7 of 12

Sl.No.	PARAMETERS	SPECIFICATIONS	OFFER
3.5.7	Any Other Optional Accessories: Additional Optional Accessories which enhance the productivity of the machine to be described by the Bidder with the offer	Bidder to give details	
<b>4.0</b>	<b>IMPORTANT POINTS :</b>		
4.1.0	415V + 10% / -10%, 50HZ +/-3 HZ, 3 Phase AC (3 wire system with out neutral) Power Supply Source will be provided by BHPV at a single point near the machine, as per layout recommended by Vendor. All types of cables, connections, circuit breakers etc. required for connecting BHPV's power supply point to different parts of the machine / control cabinets, shall be the responsibility of vendor.		
4.2.0	All electrical equipment shall be Tropicalized and shall have IP 54 degree of protection		
4.3.0	All electrical control cabinets & panels should be dust and vermin proof		
4.4.0	All electrical components in the cabinets should be mounted on DIN Rail		
4.5.0	All electrical panels should be provided with CFL lamps for sufficient illumination and electric power receptacles of 220 Volts, 5/15 Amp. AC. All adapters/receptacles should have compatibility with Indian equivalents.		
4.6.0	Motors shall be from M/s Siemens / ABB / Kirloskar / Crompton Greaves / Bharat Bijlee or other equivalent reputed make conforming to IEC and acceptable to BHPV		
4.7.0	All motors used in the machine shall be of energy-efficient (EFF1 class) makes		
4.8.0	All electrics such as contactors, relays, MCBs, MCCBs, limit switches and other control elements shall be of reputed make like Siemens, BCH, Tele-mechanique.		
4.9.0	Electrical drives shall be of Siemens / ABB / Eurotherm and PLC of SEW / Allen Bradley / Siemens / Messung		
4.10.0	All components / devices / terminals are to be incorporated with ferrules.		
4.11.0	All cables moving with traversing axes should be installed in metallic cable drag chain. Additionally, all the cable trays required for laying of cables should be included in the offer.		
4.12.0	Vendor should ensure the proper earthing for the machine and its accessories.		
4.13.0	Centralized Automatic Lubricating System to be provided with metallic tubings.		

**QUALIFICATION CRITERIA PIPE SIZING BAND-SAW with HANDLING FACILITY  
(PART B)**

Page 8 of 12

Sl.No.	PARAMETERS / SPECIFICATIONS	OFFER
4.14.0	All hydraulic elements used shall be of standard ones and shall be of Vickers / Rexroth or any other reputed make acceptable to BHPV.	
4.15.0	All hydraulic operating components to be mounted on the manifold in a centralised place on the hydraulic power pack and the POWER-PACK shall not be integral with the Machine Body.	
4.16.0	All Hydraulic hoses shall be preferably from GATES, MARKWELL, INSAFLEX, Parker Hannifin or other reputed make acceptable to BHPV	
4.17.0	Hydraulic circuits shall be designed with minimum number of control valves and to suit oil of ISO VG 46 or 68 only. Also MINIMESS checkpoints to be provided wherever pressure is required to be read for setting and troubleshooting. One number of MINIMESS Pressure Gauge and Connecting Hose to be provided.	
4.18.0	The Oil-Chiller (Heat Exchanger) of Refrigerant Type of reputed make shall be provided of required capacity. Details should be furnished.	
<b>4.19.0</b>	<b>ENVIRONMENTAL PERFORMANCE OF THE MACHINE:</b> [The Machine shall conform to following factors related to environment]	
4.19.1	Maximum noise level shall be 85 dB (A) at normal load condition, 1 M away from the machine with correction factor for back ground noise, if necessary. This will be measured as per international standards like DIN 45635-16. Vendor to demonstrate compliance to noise level, if so required.	
4.19.2	The machine shall be suitable for an ambient temperature of + 45 ° C and relative humidity of 93 % respectively, but both do not occur simultaneously.	
4.19.3	If any safety / environmental protection enclosure is required it shall be built in the machine by the vendor.	
4.19.4	Paint of the machine should be oil / coolant resistant and should not peel off and mix up with coolant. Painting shall be of two coats of SYNTHETIC ENAMEL GLOSSY FINISH APPLE GREEN PAINT. AS PER IS 5/1994.Shade :(ISC)NO-281.	
<b>4.20.0</b>	<b>LEVELLING &amp; ANCHORING SYSTEM</b>	
4.20.1	Complete anchoring system including foundation bolts, anchoring materials, fixtures, leveling shoes etc shall be supplied for the Machine etc.	

**QUALIFICATION CRITERIA PIPE SIZING BAND-SAW with HANDLING FACILITY  
(PART B)**

Page 9 of 12

Sl.No.	PARAMETERS / SPECIFICATIONS	OFFER
<b>4.21.0</b>	<b>TOOLS FOR ERECTION, OPERATION &amp; MAINTENANCE</b>	
4.21.1	The vendor shall bring special tools & equipment and one set of machine manual, required for erection of the machine. Necessary tools like Torque Wrench, Spanners, Keys, Grease Guns etc. for Operation & Maintenance of the machine should be supplied. List of such tools shall be submitted with offer	
<b>5.0</b>	<b>MACHINE SPARES :</b>	
5.1.0	Itemised break-up of mechanical, hydraulic, electrical spares used on the machine in sufficient quantity as per recommendation of Vendor for 2 years of trouble free operation on three shifts continuous running basis should be offered by vendor. The list to include following, in addition to other recommended spares: <b>(Unit Price of each item of spare shall be offered)</b>	
5.2.0	Mechanical & Hydraulic Spares: Bearings, clutches, gears and all types of pumps, Valves, pressure switches / transducers, filters, seals, O rings, Hydraulic Hoses, etc.	
5.3.0	Electrical: All types of Relays, Contactors, Proximity Switches, Push Buttons, Indicating Lamps, Semiconductor Fuses, Special Fuses, Circuit Breakers, Main Power Switch, PLC, etc.	
5.4.0	All types of spares for total machine and accessories should be available for at least ten years after supply of the machine. If machine or control is likely to become obsolete in this period, the vendor should inform BHPV sufficiently in advance and provide Manufacturing drawings of parts along with part no. and drawings with bill of materials / details of spares, details of bought out items & Vendors to enable BHPV to procure these in advance, if required.	
5.5.0	Vendor to confirm that complete list of spares for machine and accessories, along with specification / type / model, and name & address of the spare Vendor shall be furnished along with documentation to be supplied with the machine.	

**QUALIFICATION CRITERIA PIPE SIZING BAND-SAW with HANDLING FACILITY  
(PART B)**

Page 10 of 12

<b>Sl.No.</b>	<b>PARAMETERS / SPECIFICATIONS</b>	<b>OFFER</b>
<b>6.0</b>	<b>INSPECTION &amp; MACHINE ACCEPTANCE :</b>	
6.1.0	The Machine shall be offered for inspection and performance prove-out trials, for the design capabilities of the machine, at Vendor's Works by BHPV Engineers, before dispatch.	
6.2.0	The Bidder shall train BHPV Personnel in Operation and Maintenance (Mechanical and Electrical / Electronics) of the Machine at Vendor's works. The prove-out trials (at Vendor's Works and at BHPV Works) shall be for the job sizes given at the time of technical discussions / order release.	
6.3.0	The Bidder shall depute his engineer(s) – who are capable of understanding English language and effective communicating ability - for supervising the erection and commissioning of the machine at BHPV Works. Service requirement like power, air & water shall be provided by BHPV at only one point to be indicated by BIDDER in their foundation / layout drawings.	
<b>7.0</b>	<b>DOCUMENTATION :</b>	
7.1.0	THREE sets of following documents (Hard copies) in English language should be supplied along with the machine	
7.1.1	Detailed Operation and Maintenance manual of machine with all drawings of machine assemblies / sub-assemblies /parts including Electrical / Pneumatic/ Coolant / Hydraulic circuit diagrams. All Assembly / Sub Assembly Drawings shall be supplied with the part list with component specification / BOM also. Component drawings for all wearing parts to be provided.	
7.1.2	Catalogues, O&M Manuals and drawings of all bought out items (motor drives, PLC and other special electronics used in the machine),, bearings wherever applicable.	
7.1.3	Electronic and electrical interconnecting drawings with detailed BOM and part list (i.e. Between machine, control panel and drives). Hard Copy in Original : 3 Nos.	
7.1.4	Hydraulic, coolant, lubrication and Electrical circuits with Bill Of Materials	
7.1.5	PLC ladder diagrams, parameter list, fault diagnostics guide and necessary licensed software versions (for uploading / downloading program)to be provided	

**QUALIFICATION CRITERIA PIPE SIZING BAND-SAW with HANDLING FACILITY  
(PART B)**

Page 11 of 12

Sl.No.	PARAMETERS / SPECIFICATIONS		OFFER
7.2.0	Detailed specification of all rubber items and hydraulic/lube fittings (Hyd. Cylinder seals 'O' ring and Hyd. Hose dimension are to be given. Manual should have all bearing details.)		
7.3.0	The vendor shall submit complete Master List of parts used in the machine.		
7.4.0	One additional set of all the above documentation (including program back-up, licensed PLC software) on CD ROM / pen drive.		
<b>8.0</b>	<b>FOUNDATION :</b>		
8.1.0	BHPV shall design & construct complete foundation for the machine. Vendor shall furnish the foundation load data details.	Bidder to confirm	
<b>9.0</b>	<b>SCOPE OF SUPPLY: [The Un-Priced Commercial Offer shall contain the following details]</b>		
9.1.0	Basic Band-saw Machine with Standard Accessories		
9.2.0	Hydraulic Power Pack and Connected Circuitry with Tank		
9.3.0	Electrically run Flood Coolant Circulation System and Tank		
9.4.0	Complete Set of work holding devices like "V" blocks, adapters, screw-clamps, tightening nuts, carbide guides, etc. shall form part of the supply to cover all sizes of the work-pieces specified		
9.5.0	Remote Control & Optional Accessories as recommended by the Bidder		
9.6.0	Inter-connecting Cables (with Plug-In connectors) and Hoses (with Quick-Fix couplings)		
9.7.0	Complete range of Band-saw Blades in packs of five numbers for the sizes of jobs specified under clause 2.0		
9.8.0	Complete set of Spares for Mechanical, Hydraulic, Electric and Electronic elements as per Clause 5.0		
9.9.0	Set of Operating and Maintenance Tools		
9.10.0	Inspection and Performance Prove-Out at Vendor's Works		
9.11.0	Training in Operation & Maintenance of the total system for BHPV Personnel		
9.12.0	Complete set of Documents as per <b>Clause 7.0</b>		
9.13.0	Erection & Commissioning at BHPV Works and Machine Prove-out Trials for various sizes of jobs		



**QUALIFICATION CRITERIA PIPE SIZING BAND-SAW with HANDLING FACILITY  
(PART B)**

Page 12 of 12

Sl.No.	PARAMETERS / SPECIFICATIONS	OFFER
<b>10.0</b>	<b>GUARANTEE CLAUSE :</b>	
10.1.0	The equipment has to be guaranteed for its performance for a minimum period of 24 months from the date of commissioning at BHPV Works.	

**COMMERCIAL TERMS AND CONDITIONS FOR SUBMISSION OF OFFER****1.0 QUOTATIONS**

Bidders shall submit the offer in TWO INNER ENVELOPES as indicated below which shall be sealed in one outer envelope.

**Envelope I:** This sealed envelope should contain all the copies of technical bid together with un-priced commercial bid. This envelope should be clearly marked “**Part I – Technical and Un-priced commercial bid**” Indicating Tender No., Due Date and Address & Reference of the Bidder.

**Envelope II:** This sealed envelope should contain price details this envelope should be clearly marked “**Part II - Price bid**” indicating Tender No., Due Date and Address & Reference of the Bidder.

Both the envelopes (Part I & II) shall be put in one cover, duly sealed, super scribing as Part I and Part II of Tender No., due date of opening and the address and reference of the Bidder

The above offer should reach this office on or before the due date by 14.00 Hrs (IST)  
Tender should not be addressed to any Individuals name but only designation to

**Dy. General Manager (MM)**  
**BHARAT HEAVY PLATE & VESSELS LIMITED**  
**VISAKHAPATNAM - 530 012 (A P), INDIA.**

Tenders should be free from CORRECTION AND ERASURES. Corrections if any must be attested. All amounts shall be indicated both in words as well as in figures. Where there is difference between amount quoted in words and figures, amount quoted in words shall prevail.

Offers should be in ENGLISH and accompanied by technical literature catalogue and detailed dimensional drawings in ENGLISH or otherwise the offers will not be considered.

**2.0 PART I (TECHNICAL & UN-PRICED COMMERCIAL BID)****2.1 Technical**

This part shall include / indicate the following:

- 2.1.1. Offer should contain complete scope of supply with all technical details, specifications, delivery and other commercial terms and conditions.
- 2.1.2. Point by point confirmation for the Technical Specification enclosed is to be provided. If there are any deviations the same should be clearly specified. Offers received without conformation to our specification will be rejected.
- 2.1.3. List of customers to whom same or similar equipment have been supplied along with performance certificates to be enclosed.
- 2.1.4. Relevant catalogue to be attached.
- 2.1.5. List of spares parts (with part numbers) for two years operation and maintenance should be attached.

2.1.6. Information on shipping weight and cubage (length, width & height) to be provided

2.1.7. In case of foreign bidder offer, the Principal's technical offer only should be enclosed.

## **2.2 Un-Priced Commercial**

This part shall include / indicate the following

2.2.1. Port of shipment / Station of dispatch

2.2.2. Terms of payment

2.2.3. FOB/FCA price along with freight charges up to Chennai port (for foreign bidders) Ex-works/FOR Dispatch Station price along with freight charges up to BHPV Visakhapatnam (for Indian bidders)

2.2.4. Taxes, Service tax & duties including Cess applicable.

2.2.5 Delivery Schedule

2.2.6. Filled-in check list to be enclosed

2.2.7. Offer validity

2.2.8. Country of origin

2.2.9. Percentage of agency commission if any along with a copy of Agency agreement The FOB/FCA/CFR Prices quoted shall include the agency commission.

2.2.10. A copy of "Un-Priced Part II 'i.e., a copy of the Price Bid without the price details to be enclosed.

2.2.11 BHPV is eligible for availing CENVAT / VAT credit on both inputs and capital inputs. The suppliers invoice should separately indicate the amount of duty / taxes and should invariably mention the following details:

1. The Central excise registration number, range division and commission rate of the supplier's jurisdiction.

2. The rate of duty and 8 digit central excise tariff heading of the item supplied.

3. The TIN, VAT, CST registration number of the supplier.

The duplicate copy of the invoice is required for availing CENVAT credit and original copy for availing VAT credit, if purchased within the state.

In case of foreign bidders the duplicate copy of the electronic Bill of Entry along with TR6 challan should be made available for availing CENVAT credit on CVD, Cess (S) and SAD.

## **3.0 PART II (PRICE –BID)**

This part should contain the schedule of price particulars and to be co-related to the technical details provided in Part-I

## **4.0 OPENING OF TENDERS**

The Part I – Technical & un-priced commercial bid alone would be opened on the Tender opening date.

The Part II – Price bid of technically suitable Bidders alone would be opened. The Technically suitable Bidders would be informed about the Price Bid opening date. Clarifications if any required by BHPV FOR Technical evaluation / commercial evaluation would be sought from Bidders before opening of Part II – price bid.

### **GENERAL**

5.1 Incomplete offers will not be considered.

5.2 **Fixed priced:** Prices quoted by the bidder shall be fixed and not subject to any escalation whatsoever during the period of bid validity and execution of the Purchase Order A bid submitted with an adjustable price will be treated as non- responsive and rejected Prices shall be written in words and figures. In the event of difference, the price in words shall be valid and binding. Unit prices shall be considered correct in the event of any discrepancy with regards to total price.

5.3 **Bid currency:** Indian bidders should submit the prices only in Indian Rupees. Foreign bidders may submit their bid in their home currency, which should be clearly indicated in the un-priced commercial bid as well as in the price bid.

- 5.4 **Terms of Delivery:** Bidders are required to quote their best delivery period. Foreign Bidders should submit their offer for net FOB/ FCA – Nearest Sea Port / Air Port as well as CFR / Chennai Seaport/ Airport. Freight charges up to Chennai port to be indicated separately. Indian Bidders should submit their offer for Dispatching station as well as FOR BHPV Visakhapatnam basis. Freight charges from works to BHPV Visakhapatnam to be indicated separately. Delivery from the date of Letter of Intent to be mentioned in the offer.
- 5.5 **Taxes and Duties:** All Taxes and Duties payable as extra to the quoted price should be specifically stated in offers along with CST & TIN No/ Tariff No. etc, failing which the purchaser will not be liable for payment of such Taxes and Duties (Our TIN No.28280189432, APGST No. VSP/04/1/1023 dated 24.08.1968. CST No.VSP/04/1/1012 dated 24.08.1968 & BHPV ECC No AAA CB 7076 N-XM001. Assessment circle Visakhapatnam.)
- 5.6 **Validity:** The offers for main equipment and spares shall be kept open for acceptance for a period of 120 days (one hundred and twenty days) from the dates of opening of the tender (part I)
- 5.7 **Terms of Payment:**
- 5.7.1 **Indian Bidders:**
- 5.7.1.1 90% payment (90% of basic price + 100% Taxes) will be made within 45 days of receipt of material and balance 10% will be made after acceptance of material/commissioning of the equipment at BHPV, Visakhapatnam and on submission of Performance Bank Guarantee.
- 5.7.2 **Foreign Bidders**  
An Irrevocable letter of Credit shall be established for 80% of FOB/FCA/CFR/ (excluding Indian Agent's commission) 2 months prior to shipment and valid for 3 months for negotiation against shipment Letter of Credit shall be opened through a branch of State Bank of India in the country where order shall be placed. In case, in the country where order is placed, State Bank of India is not there, Letter of Credit will be confirmed by foreign banker. Balance 20% of FOB/FCA/CFR value shall be paid through sight draft on Commissioning & acceptance of the equipment at BHPV Visakhapatnam, against submission of 10% performance bank guarantee. All Bank charges outside India are to supplier's account. Lump sum erection and commissioning charges if any, shall be payable after satisfactory erection & commissioning of the equipment by sight draft against certificate issued by the competent authority.
- 5.7.3 **Common to both India & Foreign Bidders.**  
Erection & Commissioning (E&C) charges will be released after deduction of Income Taxes as per the Govt. of India rules. The TDS certificate will be issued by BHPV. Applicable service tax on E&C charges will be payable extra. The liability of depositing the same to the Govt. will be of the supplier.
- 5.7.4 **Loading criteria common to both Indian and foreign bidders:** Vendor should accept the payment terms specified above. However for any deviation to the payment terms offered with reference to the above criterion will be loaded with prime lending rate of SBI prevailing on date of opening of price bid + 2%, which shall be computed for the differential period between BHPV terms of payment and the offered basic price.
- 5.8 DUNS number (allotted by M/s. DUN & Bradstreet) shall be mentioned in your offer.
- 5.9 **Guarantee:** The equipment shall be guaranteed for a period of 18 months from the date of supply or 12 months from the date of commissioning and acceptance whichever is earlier.  
**Offers from vendors not accepting to the requested guarantee period will be rejected.**

- 5.10 **Contract Execution Bank Guarantee (CEBG):** The successful tenderer shall furnish a Bank Guarantee from any Nationalized Bank for 5% of Purchase Order value (FOR Dispatching station value – Excluding taxes, duties, freight & insurance – for Indian bidders) & (FOB/FCA value – excluding freight & insurance – for foreign bidders) confirming that the order will be executed as per the terms and conditions and this should be valid till final dispatch date (LR/GR/BL/AWB) with additional 2 months claim period. Letter of Credit will be processed only after receipt of CEBG. The CEBG is to be furnished within 3 weeks from the date of Purchase order.  
**Offers from vendors not accepting to submit CEBG will be rejected.**
- 5.11 **Performance Bank Guarantee (PBG):** The supplier shall furnish a Bank guarantee from any Indian Nationalized Bank approved by BHPV in the format, given by BHPV along with purchase order for 10% of the Purchase Order value (FOR Dispatching station value – Excluding taxes, duties, freight & insurance – for Indian bidders) & (FOB/FCA value – excluding freight & insurance – for foreign bidders) valid for period of guarantee with additional claim period of 2 months.  
**Offers from vendors not accepting to submit PBG will be rejected.**
- The CEBG & PBG shall be obtained from any Indian Nationalized Bank
- 5.12 **Liquidated damages:** Delivery of the goods specified in the purchase order should be made within the time prescribed. Failure to dispatch the materials in the time as per the delivery quoted in our Purchase Order would make the supplier liable to an un-conditional penalty at the rate of ½% of the value of goods for each week of delay subject to a maximum of 10% of the Purchase Order value.
- 5.12.1 **Loading Criteria for Liquidated Damages:** Any deviation from above LD Clause to the extent for which LD is not agreed by the vendor i.e., differential % value will be loaded on basic price, e.g. If some vendor agrees for say maximum of 6% LD then his price will be loaded by 4% (10 – 6) of his quoted basic price.
- 5.13 **Risk purchase:** If the supplier fails to deliver the goods within the delivery specified in the Purchase Order, BHPV will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the supplier has failed to deliver or dispatch within the delivery period mentioned in the Purchase Order.  
**Offers from vendors not accepting the above Risk Purchase terms will be rejected.**
- 5.14 **Indian Agent & Agency commission:** An Indian Agent can represent only one Foreign Manufacturer against a particular Tender. The FOB/FCA/CFR price quoted by the Foreign bidder shall include the agency commission. However, the agency commission component payable to their Indian Agents shall be shown separately in the offer. This will be paid by BHPV in India Rupees, on satisfactory commissioning & acceptance of the equipment. Copies of current Agency Agreement / Authorization Letter in respect of Agency Commission shall be furnished along with offer. For calculation of Rupee equivalent of Agency Commission exchange rate as prevailing on the date of Purchase Order will be taken.
- 5.15 **Short shipment / Warranty replacement:** In case of any short shipment in the main equipment / spares, customs duty levied on such supplies, shall be borne by the supplier. Any warranty replacement during the warrantee period shall be on FOR, BHPV - Visakhapatnam, basis.

- 5.16 **Inspection & Testing:** All goods shall be subject to inspection by BHPV or its authorized representatives at supplier's works or at BHPV stores. The supplier will not charge for the facilities provided for inspection of goods. In case of machine tools the machine would be inspected and proved at supplier's works prior to dispatch however, final inspection and acceptance of the machine will be carried after installation of the machine at BHPV, Visakhapatnam.
- 5.17 **Operating and Maintenance manuals:** The Bidders shall clearly mention in their offer that Operating Maintenance Manuals as called for in the Technical Specification in the required number of copies will be provided.
- 5.18 **Cenvat & VAT credit. (for Indian Bidders only):** The quotation must indicate Tariff item number and rate of Excise Duty applicable. The original Excise Duty Gate Pass will be required to be furnished in case charges to us. If the bidder is availing Cenvat credit for his input materials, the effect of proforma credit should be passed on to the purchaser.
- 5.19 **Packing:** The Supplier shall arrange for packing suitably in all respects considering the peculiarity of the material involves for normal transport by sea / air / rail road and suitably protected against effect of tropical salt laden atmosphere in the event of shipment being delayed at ports.
- 5.20 **Salient Points of HSE** (Health, Safety & Environment) that are to be considered while submissions of offer are:
- 5.20.1 Consumption benchmarks related to output shall be provided wherever applicable for key input resources (energy/fuels/chemicals)
- 5.20.2 Competency requirements for operation, maintenance and calibration, if any, shall be communicated
- 5.20.3 If any Hazardous chemicals as per MSIHC (Manufacturing, Storage and import of Hazardous Chemicals) Rules 1989/94/2000 are used, the MSDS shall be provided, along with on site & OFF site emergency plan (as applicable).
- 5.20.4 The noise level at operator level shall be within 90 DbA
- 5.20.5 OH&S (Occupational Health and Safety) control measures for safe working of machine as applicable shall be specified
- 5.20.6 The machine/equipment shall be fitted with guard for rolling and moving parts and shall comply with applicable OH&S legislations and Factories Act 1948
- 5.20.7 The supplier shall submit the layout drawing of operating controls, displays etc and operating instructions to enable ergonomics evaluation and approval
- 5.20.8 The recommended PPE (Personal Protective Equipment) for the equipment shall be furnished
- 5.20.9 Alarm System (both visual and audible) and Automatic switch off of the equipment shall be provided for any intrusion, overloading, short circuiting or any malfunctioning of the equipment.
- 5.20.10 Details of all hazardous / harmful substances discharges as by-products / wastes during operations of the machine / equipment, such as fumes, gases, dust particles, aerosols UV./IR (Ultra violet / Infra red) radiations, etc shall be furnished, along with their concentrations and their TLV, (Threshold Limit Value)

- 5.20.11 Appropriate pollution control measures shall be proposed to keep the emissions from the machinery / processes within the prescribed limit as stated in Environment Protection Rules 1986.
- 5.20.12 All furnaces, process units, DG sets, paint booths, shot blasting chambers, etc shall be provided with stack(s) of sufficient height as per guidelines laid down in the Environment Protection Rules 1986.
- 5.20.13 wherever industry specific standards are not available for control of pollutants, general emission standards shall be used
- 5.20.14 Chemicals banned due to their negative impact on the environment shall not be used on the process
- 5.20.15 Fuels with sulphur content less than 0.05% shall be proposed.
- 5.20.16 Details regarding nature of waste generated and appropriate disposal practices available shall be provided, along with the operation procedure of the plant / process.
- 5.20.17 Hazardous chemicals and flammable substances shall be transported only through authorized transporters and all safety practices as laid down in applicable legislative requirements such as Central Motor Vehicle Rules, Manufacture, Storage and Import of Hazardous Chemical 1989, etc. shall be followed.
- 5.20.18 Primary materials used in the equipment shall be specified and they shall be eco - friendly.
- 5.21 Evaluation of offers shall be on the basis of delivered cost (Net cash outflow to BHPV).
- 5.22 BHPV also reserves its right to allow to the Public Sector Enterprises ordering and price preference facilities as admissible under the existing policy.
- 5.23 BHPV reserves its right to reject a tender due to unsatisfactory past performance in the execution of a contract at another project / unit.
- 5.24 BHPV shall be at liberty to reject or accept any tender, part or in full, at their own discretion and any such action is not liable for any question or claim against BHPV.
- 5.25 BHPV reserves the right to go for a Reverse Auction (RA) instead of opening the submitted sealed bid, which will be decided after technical evaluation. Information and general terms and conditions governing RA are given below.

### **GENERAL TERMS AND CONDITIONS OF RA (REVERSE AUCTION)**

Against this enquiry for the subject item/system with detailed scope of supply as per enquiry specifications. BHPV may resort to “REVERSE AUCTION PROCEDURE” i.e., ON LINE BIDDING ON INTERNET.

1. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
2. BHPV will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet.
3. BHPV will inform the vendor in writing in case of reverse auction, the details of service provider to enable them to contact & get trained.

4. Business rules like event date, time, start price, bid decrement, extensions etc. also will be communicated through service provider for compliance.
5. Vendors have to fax the Compliance form in the prescribed format (provided by Service provider) before start of Reverse auction. Without this, the vendor will not be eligible to participate in the event.
6. BHPV will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at "Total Cost to BHPV like Packing & Forwarding charges, taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for non-compliance to BHPV standard Commercial terms & conditions) for each of the vendor to enable them to fill-in the price and keep it ready for keying in during the Auction.
7. Reverse auction will be conducted on scheduled date & time.
8. At the end of Reverse Auction event, the lowest bidder value will be known on the network.
9. The lowest bidder has to Fax the duly signed Filled-in prescribed format as provided on case-to-case basis to BHPV through Service provider within 24 hours of Auction without fail.
10. Any variation between the on-line bid value and the signed document will be considered as sabotaging the tender process and will invite disqualification of vendor to conduct business with BHPV as per prevailing procedure.
11. In case BHPV decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids and price impacts, if any, already submitted and available with BHPV shall be opened as per BHPV's standard practice.

- 5.26 **Force Majeure clause:** If at the time during the continuance of this contract the performance in whole or in part by either party of any obligations under this contract shall be prevented or delayed by reason, of any war, hostilities, acts of the public enemy, civil commotion, sabotage, fires, explosions epidemics, quarantine, restrictions or acts of GOD (hereinafter referred to as events) then provided notice of happening of any such events is given by either party to other within twenty one days from the date of occurrence thereof neither party shall reason of such events be entitled to terminate this contract nor shall either party have any such non performance and delay is resumed as soon as practicable after such events has come to an end or ceased to exist, if the performance in whole or part of any obligation under this contract is prevented or delayed by reason or any such event claims for extension of time shall be granted for period considered reasonable by the purchaser subject to prompt notification by the seller to the purchaser of the particulars of the events and supply to the purchaser if required of any supporting evidence. Any waiver of time in respect of partial installment shall not be deemed to be a waiver of time in respect of remaining deliveries.



**CHECK LIST**

Bidder's acceptance to BHPV's Standard Commercial Terms & Conditions.

**Applicable for Indian bidders**

(To be submitted along with the offer – please do not change the format)

<b>BHPV Tender No: &amp; Date:</b>	Bidders Confirmation / response
Technical Confirmation to BHPV's Specification	Furnished /Not Furnished
Prices have been quoted on "FIRM PRICE" basis only.	Yes / No
Prices have been quoted on "F.O.R BHPV" basis only.	Yes / No
Validity of offer (we require a minimum period of 120 days from the date of Tender Opening – <b>please Specify</b> )	
Sales Tax ( <b>please Specify</b> )	
Excise Duty ( <b>please Specify</b> )	
Delivery period from the date of Purchase Order ( <b>please Specify</b> ). A loading @ ½ % of the Purchase Order value per week will be done for the grace period requested. For evaluation 4 weeks will be considered as one month. Vendors quoting a delivery period beyond the 'the requested delivery plus the allowed grace period' is liable for rejection.	
Liquidated damages as per clause 5.12 (we require acceptance to @ ½% per week subject to a maximum of 10%).	
Risk Purchase as per clause 5.13 ( <b>Offers from vendors not accepting the Risk Purchase terms will be rejected</b> )	Yes / No
Payment terms: 90% payment will be made within 45 days of receipt of material and balance 10% will be made after acceptance of material/commissioning of the equipment at BHPV Visakhapatnam and on submission of Performance Bank Guarantee.	
Contract Execution Bank Guarantee (CEBG) as per Clause 5.10 ( <b>Offers from vendors not accepting to submit CEBG will be rejected</b> )	Yes / No
Performance Bank Guarantee (PBG) as per Clause 5.11 ( <b>Offers from vendors not accepting to submit PBG will be rejected</b> )	Yes / No
Guarantee as per clause 5.9 (The equipment shall be guaranteed for a period of 18 months from the date of supply or 12 months from the date of commissioning and acceptance whichever is earlier). ( <b>Offers from vendors not accepting to the requested guarantee period will be rejected</b> )	Yes / No
Approximate Net Weight of the total Consignment	
Approximate Gross Weight of the total Consignment	

**Signature & Office Seal of the bidder**

**CHECK LIST**

Bidder's acceptance to BHPV's Standard Commercial Terms & Conditions.

**Applicable for foreign bidders** (To be submitted along with the offer – please do not change the format)

<b>BHPV Tender No: &amp; Date:</b>	Bidders Confirmation / response
Technical Confirmation to BHPV's Specification	Furnished / Not Furnished
Prices have been quoted on "FIRM PRICE" basis only.	Yes / No
Prices have been quoted on "F.O.R BHPV" basis only.	Yes / No
Validity of offer (we require a minimum period of 120 days from the date of Tender Opening – <b>please Specify</b> )	
Currency in which quoted ( <b>please Specify</b> )	
Port of loading ( <b>please Specify</b> )	
Country of Origin ( <b>please Specify</b> )	
Sales Tax ( <b>please Specify</b> )	
Excise Tax ( <b>please Specify</b> )	
Delivery period from the date of Letter of Intent ( <b>please Specify</b> )	
Liquidated damages as per clause 5.12 (we require acceptance to @ ½% per week subject to a maximum of 10%)	
Risk Purchase as per clause 5.13 ( <b>Offers from vendors not accepting the Risk Purchase terms will be rejected</b> )	Yes / No
Payment terms (An irrevocable Letter of Credit shall be established for 80% of FOB/FCA/CFR (excluding Indian Agent's Commission) 2 months prior to shipment and valid for 3 months for negotiation against shipment. Letter of Credit shall be Opened through a branch of State Bank of India in the country where Order shall be Placed. In case, in the Country where order is placed State Bank of India is not there, Letter of credit will be opened through our bankers or as permitted by Government of India. Letter of Credit will not be confirmed by foreign banker. Balance 20% of FOB/FCA/CFR value shall be paid through sight draft on Commissioning. & acceptance of the equipment at BHPV, Visakhapatnam against submission of 10% performance Bank Guarantee. All Bank charges outside India are to Supplier's account. Lump sum erection and Commissioning charges , if any shall be payable after satisfactory erection and Commissioning of the Equipment by sight draft against Certificate issued by the competent authority as per clause 5.7.2)	
Agency commission (refer clause 5.14)	Acceptable / Not acceptable
Contract Execution Bank Guarantee (CEPG) as per Clause 5.10 ( <b>Offers from vendors not accepting to submit CEBG will be rejected</b> )	Yes / No
Performance Bank Guarantee (PBG) as per Clause 5.11 ( <b>Offers from vendors not accepting to submit PBG will be rejected</b> )	Yes / No
Guarantee as per clause 5.9 (The equipment shall be guaranteed for a period of 18 months from the date of supply or 12 months from the date of commissioning and acceptance whichever is earlier). ( <b>Offers from vendors not accepting to the requested guarantee period will be rejected</b> )	Yes / No
Approximate Net Weight of the total Consignment	
Approximate Gross Weight of the total Consignment	

**Signature & Office Seal of the bidder**