

**BHARAT HEAVY ELECTRICALS LIMITED**Page
1/3**ENQUIRY**
(INDIGENOUS)(A Government of India Undertaking)
HIGH PRESSURE BOILER PLANT
PURCHASE DEPARTMENT - FOSSIL BOILERS
THIRUCHIRAPALLI - 620014
TAMILNADU (INDIA)PHONE : 2577645
GRAMS : BHARATELEC
FAX NO: 2520719
E-mail :
Web :

429-002/A

OFFICE COPY**Collective No.**

2690800067

Enquiry Date

11.10.2008

**Due Date For
Quotation**

28.10.2008

Please quote Enquiry No, Date and due date in all
correspondences.
This is only a request for quotation and not an order

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	SPECIFICATION FOR ORBITAL GMAW/FCAW PIPE WELDING SYSTEM -- Details attached. ORBITAL GMAW/FCAW PIPE WELDING SYSTEM	NO	1.000	1.00	24.12.08

General Note:

- 1.,,PLEASE SUBMIT YOUR DETAILED OFFER IN TWO PART BID SYSTEM
ie. TECHNICAL AND COMMERCIAL (UNPRICED) OFFER IN ONE SEALED COVER AND
PRICED OFFER IN ANOTHER SEPARATE SEALED COVER.
- 2.,,POINT-TO-POINT CONFIRMATION TO BHEL'S SPECIFICATION AND COMMERCIAL
TERMS & CONDITIONS SHOULD BE PROVIDED IN THE ENCLOSED SHEET.WITHOUT
WHICH, THE OFFER WILL NOT BE CONSIDRED
- 3.,,PAYMENT TERMS STRICLY AS PER OUR PAYMENT TERMS INDICATED IN THE
ANNEXURE. OTHER PAYMENT TERMS ARE NOT ACCEPTABLE.
- 4.,,OFFER a)DEMANDING ADVANCE PAYMENT, b) NON-CONFORMANCE TO PBG AND c)
WITH VALIDITY OF LESS THAN 3 MONTHS WILL BE REJECTED.

Enclosures:

"LD clause has to be confirmed without fail."

PR Links

Material.	PR.No	PR.Item.	Quantity	Acc. Assign	Customer Number
	34693078	00010	1.000	/000000	

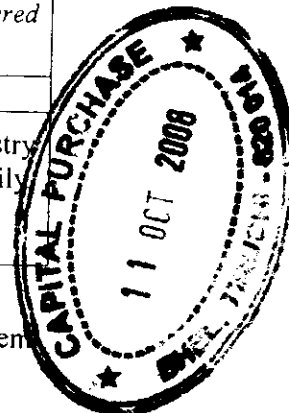
list of suppliers

RFQ-5400006261

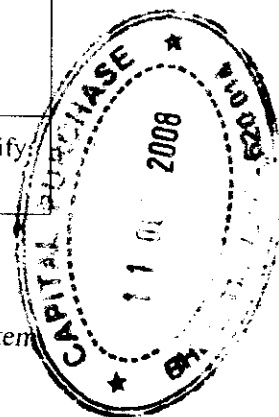
The offers should reach us before the time of opening of tenders.
The offers will be opened at 14:30 hours on the due date in the presence of the
tenderers who may like to be present.
Late tenders are liable to be rejected.Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**
MANAGER / PURCHASE
(FOSSIL BOILERS)

SPECIFICATION FOR ORBITAL GMAW/FCAW PIPE WELDING SYSTEM

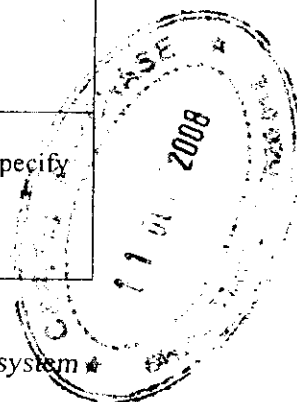
Sl. No	Particulars and BHEL specification
1.0	Purpose
	<p>The Orbital GMAW/FCAW welding system is required for welding high-pressure pipe joints involved in boiler and piping from boiler up to turbine. The system shall be capable of welding full pipe joints by GMAW/FCAW process after completion of the root pass by TIG* (GTAW) process manually. The system shall have the following:</p> <ul style="list-style-type: none"> • Weld head that mounts the torch and manipulates it. • Guide ring that clamps on the pipe and provides mounting for the Head and is involved in propulsion of the Head around the pipe. • Wire feeding system • Weld power supply • Weld programmer/controller which shall be integrated with the power supply / the weld Head. • Remote control Pendant. <p>The orbital welding equipment(s) for this application shall be suitable for welding the size starting from diameter 159X16mm** (material: Carbon steel) upwards including size of diameter 720 X 40 mm (material: Alloy steel P22/P91). The carbon steel pipe does not involve preheating but for joints of alloy steel require preheating in the range of 250°C approx. Preheating is done by induction/resistance coil method.</p> <p>The details pertaining to pipe material and diameter to be covered are given in the annexure 'A' for reference.</p> <p>A standard 30 or 37.5 bevel (single -V) is used for pipe with wall thicknesses up to 19mm and a compound bevel (double -V) for higher wall thicknesses to minimize the amount of weld metal to be deposited.</p> <p>Solid wire & flux-cored wire of diameter 1.2 & 1.6 mm are to be used for welding with CO₂ shielding gas or Argon+CO₂ gas mixture. Gas mixer shall form the part of scope of supply.</p> <p><i>* TIG welding system does not form the part of scope of supply under this specification.</i></p> <p><i>**Vendor to specify the minimum diameter of pipe, which could be welded by the offered system.</i></p>
1.1	Qualification criteria
	<p>Supplier should have supplied one such system to any of leading industry preferably in India or abroad within last three years and working satisfactorily. Supplier to submit user certificate to that effect.</p>



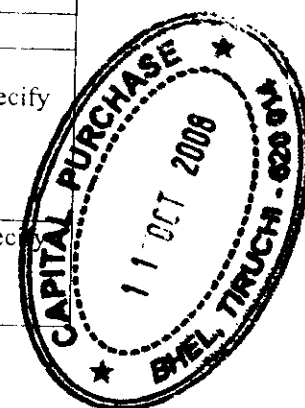
2.0	Scope of supply	
2.1	Scope of supply: The Orbital GMAW/FCAW multipass pipe welding system consists of: <ul style="list-style-type: none"> • Weld head incorporating orbital tractor, wire-feeder, torch oscillation, arc length actuator and with water-cooled torch cable assembly. • Controller including remote pendant • Cable set required for installation • Linear and pendular/angular oscillator • Guide rings to accommodate weld head for pipes of diameter from 114 to 720mm. • Gas mixer (Argon & CO₂) • Power source <ul style="list-style-type: none"> - Inverter based Synergic GMAW/ FCAW power source - Water cooling unit - System for Welding - Digital Voltmeter/Ammeter - Programmes for solid/flux cored wire for the materials specified under 1.0 	
3.0	Weld head/controls specification	
3.1	Orbital Weld Head Axial length Radial clearance Width of head Weight of Head	Vendor to specify
3.2	Linear Oscillation Oscillation Stroke Amplitude Oscillation speed Oscillation Dwell Cross Seam-Adjustment	Vendor to specify
3.3	Pendular Oscillation Oscillation Angular Stroke Oscillation Speed Oscillation Dwell Cross Seam Adjustment	Vendor to specify
3.4	Torch vertical motion (motorized) Stroke Speed	Vendor to specify
3.5	Motorized Tractor Tractor speed range Forward/Reverse facility	Vendor to specify
3.6	Wire material, type and diameter Carbon steel & alloy steel. Solid & flux cored wires. Wire diameter- 1.2 -1.6mm Wire spool size: 5 kg.	Vendor to confirm/specify
3.7	Water cooled torch Amperage capability 320 Amps. Continuous. 100% duty cycle	Vendor to confirm/specify



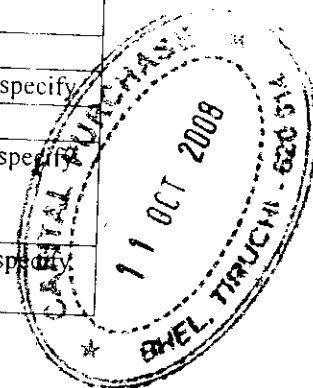
3.8	Torch adjustment capability Torch Lead/Lag adjustment ~ ± 15 degrees (manual) Torch tilt adjustment ~ ± 10 degrees (manual) Angle bracket ~ ± 45 degrees (manual)	Vendor to confirm/specify
3.9	Guide rings To accommodate various sizes of pipes diameter 159 mm to 720 mm.	Vendor to confirm/specify
3.10	Gas Mixer To mix CO ₂ & Argon in 0-100% mixing ratio Flow rate: 15-30 lit/min at pressure 1.5-2.5 bar. Mixing accuracy	Vendor to confirm//specify
4.0	Power source specifications	
4.1	Type/Application Inverter based programmable digital welding power source for orbital GMAW/FCAW application with provision for welding in standard, pulsed, synergic welding modes.	Vendor to confirm
4.2	Functions controlled Welding mode (standard and pulsed) Electrode feed speed Weld head rotation Weld head torch oscillation, (linear standard, pendular) Weld head electronic cross-seam adjustment Arc length control Pre-programmes for carbon steel & alloy steel (materials listed in Annexure-A) in standard & Pulsed synergic mode for 1.2 & 1.6 for solid & Fluxcored wires.	Vendor to confirm/specify
4.3	Power source details Output rating 400A @ 60% duty cycle/ 320A @ 100% Duty cycle Max. Open circuit voltage -70V Type of cooling- Forced air	Vendor to confirm
4.4	Weld Head controller Pendant cable length -15m	Vendor to confirm/specify
4.5	Water circulator Pump - Centrifugal Cooling capacity Max. delivery capacity/pressure Coolant volume	Vendor to confirm/specify
4.6	Wire feeder Drive type - 4 roll Wire diameter- 1.2-1.6mm solid & flux-cored wire Wire feed speed - 0.5-20m/min	Vendor to confirm/specify



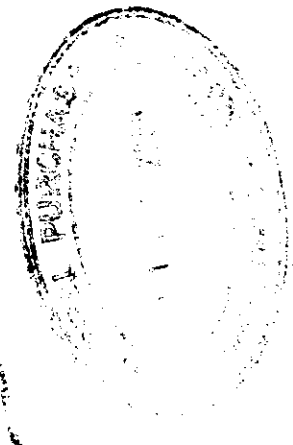
5.0	Main Controller	
5.1	Programmable controller to control the movement and welding parameter control & storage of programs. The controller shall be provided with suitable cooling arrangement.	Vendor to confirm/specify
5.2	Remote pendant type control for programming and setting and resetting of all-important parameters including welding parameters.	Vendor to confirm/specify
6.0	Safety measures	
6.1	<p>The system shall have standard in-built safety features such as warning lamps with siren.</p> <p>Interlocks to be provided are:</p> <p>The system should trip in the event of:</p> <ul style="list-style-type: none"> • Stoppage of shielding gas flow. • Stoppage of cooling water flow. • Stoppage of wire feeding. • Arc start failure. • Stoppage of movement of head around pipe. 	Vendor to confirm/specify
7.0	Other features	
7.1	The equipment shall be portable.	Vendor to confirm/specify
7.2	Length between the power source and the welding head to be at least 20 M.	
7.3	The machine should be capable of accommodating pre-heat arrangements with resistance coil or induction coil method. The maximum straight length shall be 320mm (maximum) from the face of the joint in case of alloy steel pipes. Accordingly, facility of extended arm for holding the torch shall be provided on orbital head wherever required depending upon the pipe material & size.	
7.4	The machine shall have weather protection facility.	Vendor to confirm/specify
8.0	Installation, Commissioning and Training	
8.1	Inspection of the complete system by BHEL and carrying out welding trials on a mock-up job at vendors works before dispatch. The acceptance criteria for weld quality is as indicated in ASME IX for welding high-pressure piping in power plant.	Vendor to confirm/specify
8.2	Installation, commissioning of the system at WRI, BHEL. Welding of three joints satisfactorily meeting the quality requirement as given under 8.1.	Vendor to confirm/specify



8.3	Actual welding of jobs (minimum 5 joints) at Neyvelli site to prove out the orbital welding technology for power piping within three months from the date of commissioning of the system at WRI,BHEL,Tiruchy .	Vendor to confirm
8.4	Training shall be imparted to total 4 technicians at WRI for operating the machine after completing the commissioning. Vendor shall specify the duration of the training needed .	Vendor to confirm/specify
9.0	Documentation	
9.1	Three sets of following documents (3 Hard copies) in English language should be supplied along with the machine.	Vendor to confirm/specify
9.2	Machine Operation manuals: <ul style="list-style-type: none"> Operating manuals of Machine & system with machine specifications, detailed operating instructions for machine operation, setting of machine parameters, precautions. and machine safety details. Programming Manuals of Machine & system 	Vendor to confirm/specify
9.3	Maintenance and trouble shooting manuals: <ul style="list-style-type: none"> Detailed Maintenance manual of machine with all drawings of machine assemblies/sub-assemblies/parts, Hydraulic, Electrical circuit diagrams. All Assembly/ Sub Assembly Drawings shall be supplied with the part list also Maintenance, Interface & commissioning manuals for system & drives Catalogues, O&M Manuals of all bought out items including drawings, wherever applicable. The vendor shall submit complete List of parts used in the machine. One additional set of all the above documentation on CD 	Vendor to confirm/specify
10.0	Maintenance spares	
10.1	Spares for two years trouble free operation of the total system. Unit wise cost of all the items must be provided with offer separately.	Vendor to confirm/specify
11.0	Power supply	
11.1	Input Power supply- 440V/ 50Hz, 3 phase.	Vendor to confirm/specify
12.0	General Points	
12.1	Make and Model of the machine to be mentioned. Detailed catalogues of the machine to be sent with the offer.	Vendor to confirm/specify
12.2	Complete description of all systems & sub-systems shall form part of the technical bid.	Vendor to confirm/specify



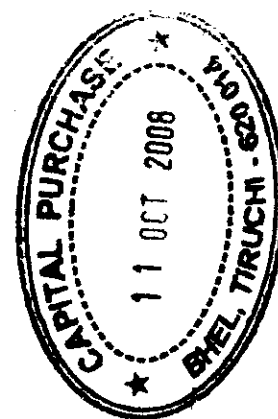
12.3	A schematic diagram showing the layout of the machine & associated systems with salient dimensions shall be submitted along with the offer.	Vendor to confirm/specify
12.4	The operating sequence of the machine with broad outline of various operations involved should be furnished with the offer.	Vendor to confirm/specify
12.5	Standards for Design, Manufacture and testing of the machine shall be in accordance with internationally accepted standards.	Vendor to confirm/specify
12.6	Total weight of the Machine & Sub-Systems. Weight of the heaviest part of the machine.	Vendor to confirm/specify
12.7	Total connected load KVA.	Vendor to confirm/specify
12.8	Vendor may provide additional items if any for improved performance of the system (optional)	Vendor to confirm/specify
12.9	Warranty period for the total system shall be one year from the date of commissioning of the system.	Vendor to confirm/specify



Annexure -A

SIZE & MATERIAL OF JOINTS FOR PIPING

PIPE SIZE OD x T	MAT'L SPECIFICATION
323.9 X 31	SA335P91
559 X 54	SA335P91
406.4 X 65	SA335P91
390 x 65	SA335P22
273 X 30	SA335P91
219.1 X 25	SA335P91
457.2X25	SA335P22
406.4 X 29	SA335P22
273 X 36	SA335P22
558.8 X 32	SA335P22
660 X 40	SA335P22
508 X 30	SA335P22
508 X 30	SA335P22
610 X 22	SA335P22
711.2 X 32	SA335P22
508.0 X 25	SA335P22
711.2 X 20	SA106GRC
457.2 X 12.7	SA106GRC
508 X 14.27	SA106GRC
406.4 X 50	SA106GRC
368 X 48	-DO-
323.9 X 42	-DO-
273.0 X 32	-DO-
219.1 X 30	-DO-
168.3 X 21.95	-DO-
550 x 60	SA106GRC
159 x 18	-DO-
368 x 50	SA335 P12
406 x 75	SA 335 P22
508 x 25	SA 335 P22



BHEL ENQUIRY NO & DATE

VNDOR OFFER REF NO & DTAE

MODEL PRICE BID FORMAT FOR FOREIGN VENDORS

S.No.	Description of Item	Unit	Qty	Rate	Value
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Ex-work Value :

Packing & Forwarding Charges, If any :

FOB /FCA Charges, if any :

FOB Value :

Approximate Freight Charges :

Approximate Transit Insurance Charges :

Approximate Gross Weight, Net. Weight &
Dimensions of the Consignment :

Signature & Seal of Vendor

NOTE: The Price bid should submitted strictly in line with the above FORMAT.

BHARAT HEAVY ELECTRICALS LIMITED, TRICHIRAPALLI – 620 014
CAPITAL PURCHASE/MM/MFG
(To be filled and submitted along with Offer)

BHEL Commercial Terms and Conditions for Import Supplies	Vendor's Confirmation / Comments
Technical confirmation to BHEL's Specification as called for in BHEL Format shall be furnished. If needed additional sheets shall be used.	
Prices shall be quoted item wise only as per the model format enclosed.	
Prices shall be quoted on "FIRM PRICE" basis only. The prices should be only on FOB/FCA basis inclusive of Packing & Forwarding charges if any.	
Validity of offer shall be for a minimum period of 120 days from the date of Tender opening	
Delivery period from the date of Letter of Intent shall be clearly mentioned in the offer.	
Liquidated damages @ ½% per week subject to a maximum of 15% of the order value shall be applicable for delay in deliveries.	
Following Risk Purchase clause shall be applicable: The Purchaser at his option 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 time stipulated or if the same were not available, the best and the nearest available substitute therefore. The supplier shall be liable for any loss, which the Purchaser may sustain by reason of such risk purchases.	
Payment terms for Foreign vendor (Principal): 80% value of the goods will be paid through an irrevocable Letter of Credit established by our bankers. Balance 20% will be paid against acceptance / commissioning of goods for which supplementary invoice and PBG for 10% of total Purchase order value shall be submitted. All bank charges outside India are to vendor's account only.	
Payment terms for Indian Agent: Indian Agency commission, if any, shall be clearly specified in the offer and the same will be paid in Indian Rupees against acceptance / commissioning of the equipment.	
Erection / commissioning: Erection / commissioning shall be done at free of cost.	
Submission of Performance Bank Guarantee (PBG): Vendor should provide a performance bank guarantee (PBG) for 10% of the total Purchase order value valid for a period of 12 months from the date of commissioning (or) 18 months from the date of dispatch whichever is later with an additional claim period of 2 months. This PBG shall form part one of the documents for effecting the balance 20% payment.	
Part Shipment or Transhipment is not permissible	
In case of any short shipment in the main equipment / spares, where separate rates are not available in the contract, the customs duty levied on such supplies, shall be borne by the supplier / Indian agent.	
Any warranty replacement during warranty period shall be supplied free of charge on FOR BHEL, Trichy basis.	
Equipment will be inspected and proved at vendor's works prior to dispatch. However final inspection and acceptance of equipment will be after installation at BHEL, Trichy.	
The equipment shall be guaranteed for a period of 12 months from the date of commissioning.	
The vendor shall provide necessary drawings, Test Certificates and Operating Maintenance Manuals etc., as called for in the Technical Specification, in the required number of copies at no extra cost.	
Offers should be submitted only in sealed cover super-scribing clearly the Enquiry reference and due date.	

NOTE:-

- It is confirmed that all the terms and conditions stipulated in the Enquiry have been fully understood by us and all clarifications & details have been obtained.
- The prices are to be offered only on FOB/FCA basis, inclusive of Packing & Forwarding charges if any.
- Your specific acceptance to our **Payment terms, LD, Risk Purchase Clause & Submission of PBG** for 10% of the order value are essential for consideration of your offer. Other wise your offer is liable for rejection.

Signature & Office Seal of the vendor

CAPITAL PURCHASE

COMMERCIAL TERMS AND CONDITIONS

1.0 QUOTATIONS

The 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 commercial bid"**, indicating Enquiry 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 Enquiry No., Due Date and Address & Reference of the Bidder.

Both the envelopes (Part I & II) shall be put in one cover, duly sealed, superscribing as Part I and Part II of Enquiry 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). Late offers will not be considered.

Tender should not be addressed to any Individual's name but only by designation to:

**MANAGER / CAPITAL PURCHASE / MM / FB
BHARAT HEAVY ELECTRICALS LIMITED
HIGH PRESSURE BOILER PLANT
TIRUCHIRAPALLI - 620 014
TAMIL NADU, INDIA**

Tenders should be free from **CORRECTION AND ERASURES**, Corrections if any, must be attested. All amount 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 detailed technical literature, catalogue and detailed dimensional drawings in **ENGLISH** or otherwise, the offers will not be considered.

2.0 PART I (TECHNICAL & 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 to be provided. if there are any deviation, the same should be clearly specified. Offers received without confirmation 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 catalogues 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. Incase of foreign bidder offer, the Principal's technical offer should be enclosed.

2.2 Commercial

This part shall include / indicate the following :

- 2.2.1. Port of shipment / Station of despatch
- 2.2.2. Terms of payment
- 2.2.3. Taxes & duties applicable.
- 2.2.4. Delivery Schedule
- 2.2.5. Offer validity
- 2.2.6. Country of origin

- 2.2.7. Percentage of agency commission if any along with a copy of Agency agreement.
- 2.2.8. A copy of "Un-Priced Part II" i.e., a copy of the Price Bid **without the price details** to be enclosed.

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 & 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 tender opening date. Clarifications if any required by BHEL for Technical evaluation would be sought from Bidders before opening of Part II - price bid.

5.0 **GENERAL**

- 5.1. Incomplete offers will not be considered.
- 5.2. **Fixed price:** 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 regard 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.
- 5.4. **Terms of Delivery:** Bidders are required to quote their best delivery period. Foreign Bidders should submit their offer for net **FOB Nearest Sea / Air Port**. Indian Bidders should submit their offer for **FOR Despatching station**.
- 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 & TNGST No / Tariff No. etc., failing which the purchaser will not be liable for payment of such Taxes and Duties. Our T.N.G.S.T No. 356005 Dt. 04-04-1995, C.S.T. No. 239383 dt. 11-06-1991.
- 5.6. **Validity :** The offers for main equipment and spares shall be kept open for acceptance for **120 days (one hundred and twenty days)** from the date of opening of the tender (Part I).
- 5.7. **Terms of Payment :**
 - 5.7.1. **Indian Bidders**
 - 5.7.1.1. The preferred payment terms are indicated below :
 - 5.7.1.2. 100% payment, within 45 to 90 days, after receipt / acceptance / commissioning of equipment at BHEL, Tiruchi, against 10% Performance Bank Guarantee on total order value.
 - or
 - 5.7.1.3. 80% payment against documents through bank within 45 to 90 days, (after pre-despatch inspection) and balance 20% payment after receipt / acceptance / commissioning of the equipment against 10% Performance Bank Guarantee on total order value.
 - 5.7.2. **Foreign Bidders**

An Irrevocable Letter of Credit shall be established for 80% of the value of the goods. Balance 20% shall be paid on receipt / acceptance / commissioning of the goods at BHEL against 10% Performance Bank Guarantee on total order value. All bank charges outside India are to Vendor's account.
- 5.8. **Performance Bank Guarantee (PBG):** The Bidder, in the event of an order, should furnish a bank Guarantee from an Indian Bank approved by BHEL, at no extra cost in a proforma prescribed by BHEL, alongwith the order, for an amount equivalent to **10% (Ten percent)** of the value of the contract. The PBG shall be valid for period of 18 months from the date of despatch or **12 months** from the date of receipt / acceptance / commissioning of the equipment at BHEL, Tiruchi which ever is more, with a claim period of two months.

- 5.9. **Liquidated damages** : It is clearly understood among the parties to the contract the “**Time is the essence of the contract**”. Therefore, the delivery of the goods specified in the purchase order should be made within the time prescribed. Where the seller supplies or despatches the goods, beyond the delivery period specified the purchaser will have no obligation to accept the goods. If accepted liquidated damages at the rate of 1/2% of the value of goods delayed for each week of delay subject to a maximum of 15% of the order value will be levied.
- 5.10. **Risk purchase** : Alternatively the purchaser at his option 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 despatch within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitute therefor. The supplier shall be liable for any loss which the Purchaser may sustain by reason of such risk purchases.
- 5.11. **Agency commission** : In case of Foreign Bidders, agency commission if any, payable to their Indian Agents, shall shown separately in the Offer. This will be paid by us in India, in Indian Rupees, on satisfactory completion of the Contract. Copies of current Agency Agreement / Authorization Letter in respect of Agency Commission shall be furnished alongwith offer. For calculation of Rupee equivalent of Agency Commission, exchange rate as prevailing on the date of offer will be taken.
- 5.12. **Test certificates / Operating and Maintenance manuals** : The Bidders shall clearly mention in their offer, that Test Certificates and Operating Maintenance Manuals, etc., as called for in the Technical Specification, in the required number of copies will be provided at no extra cost.
- 5.13. **Modvat credit** : (for Indian Bidders only) If any Excise Duty is payable, the chapter head / sub-head reference and the rate of the duty should be quoted. If the tender is availing MODVAT credit for his input materials, the effect of proforma credit should be passed on to the purchaser.
- 5.14. **Packing and marking** : The Supplier shall arrange for securely protecting and packing the stores to avoid loss or damages during transit.
- 5.15. **Indian agents representing Foreign Manufacturer**: Indian agents representing foreign manufacturer should enclose with their offer the letter from their Principal authorising the Indian agent to submit the offer on the Principal's behalf. However the original offer should be directly from the Principal. In case the Indian agent submits offer on their Letter head then a cover letter (in original) from the Principal should be enclosed, clearly mentioning that they are bound by the offer submitted by the Indian agent on their behalf.
- 5.16. Purchase preference will be given to CPSUs as per Government guidelines.
- 5.17. BHEL 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 BHEL.

For any queries / clarifications the bidders may contact us through our FAX NO. +91 431 2520719 or through e-mail balasund@bheltry.co.in (or) gvijay@bheltry.co.in