



Bharat Heavy Electricals Limited
Heavy Electrical Equipment Plant, Haridwar-249403

Office of AGM (WEX-FM 2)

Tender Document

Name of Work: Retrofitting/ upgradation of Impregnation plant (M/c Plan No. 3-420) with Indirect heating system and Resin trap module at Block-4, BHEL-HEEP, Haridwar.

NIT No.: 01A/WEX/Bl-4/MICA/2014-15 Dated: 12/03/2015

Due date of Tender Opening (Part-1): 03/04/2015

Place of Submission of Tender / Bid: Tender Room, Purchase Deptt., 4th floor, Main Administrative Building, BHEL, HEEP, Haridwar-249403 (Uttarakhand)

All the parties are requested to kindly visit the site before participating in the tender for actual site conditions. Visit shall be made on any working day between 9:00am to 3:00pm with prior intimation. For arranging visit or any other queries, the party shall contact the under given office/Person.

V S Chauhan
DGM. (WEX/Bl-4, 7 & PV),
BHEL (HEEP), Haridwar-249403 (Uttarakhand)
Email: vchauhan@bhelhwr.co.in
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Details of Tender Document

Name of Work: Retrofitting/ upgradation of Impregnation plant (M/c Plan No. 3-420) with Indirect heating system and Resin trap module at Block-4, BHEL-HEEP, Haridwar.

The Tender document has been detailed as Follows:

- (1) Techno commercial Scope of supply and work (Annexure-A)
- (2) Techno commercial Bid (Annexure-B)
- (3) Price Bid (Annexure-C)
- (4) Check List (Annexure-D)
- (5) Certificate by Chartered Accountant (Annexure-1)

General Instructions:

- Instructions to be followed have been specified clearly in the Techno-commercial bid i.e. Annexure-B of the Tender Document.
- Timely receipt of Tender to the In charge Tender room within schedule time and date is solely the Responsibility of the bidder.
- All the document being submitted (either the tender document or supporting documents) shall be duly signed and stamped by the bidder.
- All further corrigendum, amendments, time extensions, clarifications etc. to the tender, if any shall be hosted only at our website.
- **Annexure-A, Annexure-B and Annexure-D shall compulsorily be submitted with sign and seal on each page in the Techno-commercial bid envelope.**
- **Where as price bid (Annexure C) shall be submitted in a separate envelope with sign and seal.**
- Annexure-1 shall be submitted by one who are submitting EM-II/NSIC/MSMED certificate and the same shall be submitted in EMD envelope.
- Also on each envelop clearly mention the NIT No. and type of annexure it contains
- EMD and Tender fees should be submitted along with techno commercial bid .

Issuing Officer

I/We agree with the above



BHARAT HEAVY ELECTRICALS LIMITED

HEEP, HARIDWAR-249403 (UTTARAKHAND)
Phone: 01334-285211, Fax: 01334-226460
Email: vchauhan@bhelhwr.co.in

OPEN TENDER NOTICE/ No.: 01A/WEX/BI-4/MICA/2014-15/Date-12/03/2015

Sealed tenders are invited in two parts, i.e. (i) Techno-Commercial Offer and (ii) Price Bid, through registered post/ courier/ by hand by **03/04/2015 up to 1:45 pm** from **parties meeting the qualifying requirements** for the under-mentioned work. The party must submit documentary proof of meeting the qualifying requirement mentioned below in "Pre- qualification Criteria" envelope.

Last date of submission of tender : 03/04/2015 up to 1:45 pm
Date of opening of Techno-commercial Bid : 03/04/2015 at 2:00 pm
Place of submission of tender : In-charge, Tender Room, Purchase Deptt., 4th floor , Main Administrative Building, BHEL, HEEP, Haridwar-249403 (Uttarakhand)

Tender document can only be downloaded from our website (i.e. www.bhelhwr.co.in). Tender cost (non-refundable) and EMD to be paid in the form of separate **Demand Drafts** made in favor of **Sr. Accounts Officer (Cash), BHEL-HEEP, and Haridwar**. Any request for tender document by post/courier will not be entertained in any case.

Name of work	Earnest Money (Rs.)	Completion Period	Tender Cost (Rs.)
Retrofitting/ upgradation of Impregnation plant (M/c Plan No. 3-420) with Indirect heating system and Resin trap module at Block-4, BHEL-HEEP, Haridwar	Rs. 1,00,000.00	Six Months	Rs 1,000.00

Pre-Qualification criteria for acceptance of tender are as under:

S.No.	Details of Criteria
1.	<p>A - Average financial turnover during last 3 years ending 31st March of the previous financial year should be at least Rs.15 Lacs.</p> <p style="text-align: center;">AND</p> <p>B – Experience of having successfully completed similar works during last 7 years ending last day of month previous to the one in which applications are invited should be either of the following :-</p> <p>Three similar completed works costing not less than the amount equal to Rs.14 lacs.</p> <p style="text-align: center;">OR</p> <p>Two similar completed works costing not less than the amount equal to Rs.17 lacs.</p> <p style="text-align: center;">OR</p> <p>One similar completed works costing not less than the amount equal to Rs.28 lacs.</p> <p>* Similar works means vendor has supplied, commissioned, overhauled or modernized at least one no. of vacuum pressure impregnation plant of same or higher capacity suitable for vacuum impregnation of stator bars or wound stator core:</p> <p>* Min. Volume of impregnation tank commissioned by vendor - 40 m3.</p>
2.	<p>A.) Proofs in support of above point no. 1 (A) & 1 (B) should be submitted with the tender otherwise offer is liable to be rejected. The documents in support of 1 (B) shall be accompanied with performance certificate issued by the customer on their letter head clearly specifying the address and contact details of customer for verification purpose. (All the documents submitted shall be self-attested and stamped by the party).</p> <p>B.) Tenderer must submit proofs of Service Tax registration (in proper taxable service category) and Income Tax PAN No. ,sale tax,excise duty.</p>

Note:

- BHEL reserves the right to accept or reject any/ all application(s) without assigning any reason thereof.
- If any document submitted by tenderer found false at any stage, the tender/ work order will be cancelled immediately and the financial loss to BHEL if any in making alternative arrangement will be recovered from the contractor.
- BHEL will not be responsible for the loss or delay of tenders in transit in any case.
- All further corrigendum, amendments, time extensions, clarifications & etc. to the tender, if any shall be hosted only at our website.**

(V S Chauhan)
DGM(WEX- bi-4, 7 & PV)

Annexure-B

(TECHNO-COMMERCIAL BID)

NIT No. : 01A/WEX/BI-4/MICA/2014-15 Dated: 12/03/2015

WORK: Retrofitting/upgradation of Impregnation plant with Indirect heating system and Resin trap module in Block-4, HEEP Haridwar.

Tender cost: Rs. 1000/- (Demand Draft / Cash Receipt No. _____ Dated _____)

Last date for submission: 03/04/2015 up to 01:45 PM

DATE OF OPENING: 03/04/2015 at 2:00 PM

PLACE OF OPENING: In-charge, Tender Room, Purchase Department, 4th floor, Main Administrative Building, BHEL, HEEP, Haridwar-249403 (Uttarakhand).

EARNEST MONEY: Rs. 1, 00,000/- (Rupees One lakh only) (Demand Draft/ Pay order No./ Cash Receipt No. _____ Dated _____)

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INSTRUCTIONS TO BE FOLLOWED:

1. Tenderer (s) are advised to participate only if, they fulfill minimum qualification criteria as mentioned in tender notice.
2. Offer must be submitted only on the tender Documents downloaded from our website i.e. www.bhelhwr.co.in , no changes in format is permitted. Any change in format shall lead to disqualification. However in case of tender documents purchased from Department, the same shall be used.
3. The cost of tender documents as indicated in the tender notice will have to be deposited by the tenderer along with the Techno-Commercial offer. **Tender cost should be paid separately and not included in the Earnest Money.** In case, tender is not accompanied with the cost of the tender documents as detailed above, tender shall be treated as invalid.
4. **OFFER :-**
The offer should be submitted in two parts and in following manner:

A. Techno-commercial Bid:

- i. **The first envelope** shall contain the ink signed and stamped copy of documentary proof of meeting the Pre-Qualification criteria. Along with the other relevant documents, the party shall submit the Performance certificate / experience certificate from previous customers. **The first envelope shall be super scribed with “Pre-Qualification Criteria”, Name of work, NIT No. & due date of opening.**
- ii. **The second envelope** shall contain the ink signed Techno-commercial Bid (*ANNEXURE-A , Annexure-B & Annexure-D*) along with relevant documents like ESI, PF code, PAN No., Service Tax Regn. No. and Check list as per *ANNEXURE-D*.
The second envelope shall be super scribed with “Techno-Commercial Bid”, Name of work, NIT No. & due date of opening.
- iii. **EMD: The third envelope** shall contain the Demand Draft/Pay order/ Cash Receipt Obtained from Cash Section, BHEL (HEEP), Haridwar on deposition of requisite amount, towards EMD as specified in tender notice be super-scribed with “EMD” Name of work & NIT No. The EMD must be kept in Techno-Commercial offer. Offer (s) without requisite EMD will not be considered. The EMD submitted in the form of Bank draft/Pay order is to be made in favor of **Sr. Accounts Officer (Cash), BHEL-HEEP, Haridwar** from any nationalized bank. **EMD shall not carry any interest.** Parties claiming exemption from submission of EMD shall submit the covering letter in addition with relevant documents notarized or attested by a Gazetted officer, in the EMD envelope.

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- iv. **Tender Cost: The fourth envelope** shall contain the Demand Draft towards tender cost (Non-refundable) as specified in the tender notice. The tenderer who have obtained the tender document from the Crane Maintenance Department shall submit the photocopy of Cash Receipt obtained from Cash Section BHEL (HEEP), Haridwar in the fourth envelope.
- v. The first, third and fourth envelope shall be kept in second envelope along with techno-commercial bid with all the relevant documents.

B. Price Bid:

- i. **The fifth envelope** shall contain only the Price bid as per *ANNEXURE-C*.
- ii. Any other information in the price bid shall not be considered and the offer is likely to be rejected. Price bid document shall be ink signed by the bidder at the bottom of the page.
- iii. The envelope shall be sealed and super scribed with “Price Bid”, Name of work, NIT No. & due date of opening of tender.

*All the five sealed envelopes shall be kept in another sealed cover (i.e. sixth envelope). The cover shall be super-scribed with “Quotation for (name of work), NIT No. & due date of opening and shall be addressed to **In-charge, Tender Room, Purchase Deptt., 4th floor, Main Administrative Building, BHEL,HEEP,Haridwar-249403 (UK)** and it should also contain the Bidder address.*

5. Offers should be strictly submitted in original tender documents/ format issued by BHEL. If, the offers submitted by any party in their own format, such offer (s) are liable to be rejected.
6. ***Bidder address shall be written on each envelope.***
7. ***The contractor must sign and stamp on each page of tender document including supporting documents submitted with tender.***
8. Rate must be quoted in figures as well as in words.
9. Only Part –1 i.e. Techno-commercial bids with requisite EMD and Tender Cost shall be opened on the due date of opening in the presence of the interested parties available at the time of opening of the tender. Date of opening of Price bids (Part-2) will be intimated to the parties who qualify as per techno-commercial offer.
10. The offer shall be valid for ***120 days*** from the date of opening of the Tender.
11. Bidders shall enclose the certificate of satisfactory performance, from previous customer in the PQR envelope, along-with the tender documents in support of their claim of having minimum experience of similar works.

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12. Bidders shall enclose the certificate of satisfactory performance, from previous customer in the PQR envelope, along-with the tender documents in support of their claim of having minimum experience of similar works.
13. Vendor shall ensure meeting all statutory obligations as applicable during the contract period.
- 14. An affidavit (on stamp paper of Rs. 10/-) that none of the bidder's relative is working as officer in BHEL Haridwar to be submitted along with the tender.**
15. Deviation from any of the specified requirements should be clearly brought out on a separate sheet titled as deviation. In case of no deviation a "**NO DEVIATION STATEMENT**" shall be submitted with the tender (Techno-commercial offer). Deviation mentioned anywhere else shall not be considered.
16. BHEL does not bind themselves to accept the lowest tender or any tender or to give any reason for their decision.
17. If any information / document submitted by the tenderer is found false/ fake at any stage, the tender will stand cancelled and EMD shall be forfeited.
18. It will be deemed that tenderer have gone through all the specifications, contractors obligation, special & general condition of contract and agree to abide by these.
19. Tenders not received in the above manner are likely to be rejected.
- 20. The vendors are advised to see the site before quoting the rates.**

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Techno commercial Scope of supply and work

Brief About Machine :

Vacuum pressure impregnation plant is used for vacuum pressure impregnation of stator bars in Coil Insulation Mfg., Block-4

TECHNICAL SPECIFICATION OF TANK

Main Parameters of tank are as follows :

Internal dia-2450.00mm (Approx*)

Cylindrical length-14000mm (Approx*)

Operating vacuum - 0.10 mbar or less achieved in max.4 hrs and can be maintained continuously for 20 hrs

Operating pressure (Nitrogen)-7.00 – 8.00 bar for 210 minutes.

Operating temperature,- Ambient temperature to 90 Degree Celsius for 20 hrs

Heating rate : Ambient temperature to 90 Degree Celsius within 4 hrs

Volume - 76 m3 (Approx*)

Vacuum pump specification-Rough vacuum pump 350 meter cube per hour; Fine vacuum pump-3500 meter cube per hour

*Vendor is advised to visit the site before bidding to get clear idea of work.

1.0	Scope Of Work	Requirement	Offered	Deviation
	The scope of work shall include modernization of existing design, manufacturing, supply, Erection, commissioning and job proving of complete automatic indirect heating system and resin trap module in impregnation plant including its accessories, controls and systems etc. at BHEL Haridwar works.	Vendor to confirm and submit detail design covering all aspect including power consumption, heat transfer rate along internal periphery of tank, material and space required.		

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SCOPE OF SUPPLY (PART A)				
1.1	Design and Installation of indirect heating system using hot fluid like brine or thermal oil to be circulated along internal periphery of tank using heating tube arrangement in place of existing direct heating (air strip heaters of power capacity 180 Kw) of impregnation tank. This shall include following components/parameters-	Vendor to confirm and submit detail design.		
1.1.1	Heating system in shape of internal pipe serpentine, distributed evenly along the internal periphery of the tank, Divided into four zones throughout the periphery for better control of temperature during operation.	Vendor to confirm and submit detail design.		
1.1.2	Brine circulation pump of suitable capacity for effective circulation of heating medium. Seals and glands of this pump shall be leak proof to withstand temperature of heating solution. Reputed make like Kirloskar, KSB & CRI etc.	Vendor to confirm make and complete technical specification		
1.1.3	Brine storage tank of suitable capacity.	Vendor to confirm and give detail		
1.1.4	Pressure indicator for measuring and displaying discharge line pressure.	Vendor to confirm		
1.1.5	Pressure relief valve (safety valve) in heating module	Vendor to confirm		
1.1.6	Temperature indicator to control /check over temp. of brine or thermal oil.	Vendor to confirm.		

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1.1.8	Expansion tank	Vendor to confirm for reputed make and complete technical specification		
1.1.9	Radiators	Vendor to confirm for reputed make and complete technical specification		
1.1.10	Brine solution pipelines from heat exchanger to tank covered with best quality and long lasting thermal insulation. Specific details of pipeline and insulation shall be furnished in offer. Tubing preferably of SS make. Leakage protection system should be installed to safeguard job and vacuum pump.	Vendor to confirm detailed flow diagram		
1.1.11	Electrical control system with power cables for heating module. Existing power cables which are in good condition can be used by supplier and any additional cable if required shall be the responsibility of vendor.	Vendor to confirm		
1.1.12	Check valve is need to be provided near the fine vacuum pump to prevent the back streaming in case of power failure due to which pump oil gets into the suction line which is undesirable.	Vendor to confirm make and complete technical specification		
1.1.13	Any other auxiliary components, indicating instruments required for proper working of modified system with expected performance.	Vendor to confirm		

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	PART B;			
2.0	Modification of existing vacuum pumping system with supply of critical components of vacuum pumping module without vacuum pump.	Vendor to confirm And submit the design.		
2.1	Vacuum pumping system:- A modular vacuum pumping system shall be provided, which can be placed in place of existing vacuum pumping system. It shall consist of following components.	Vendor to confirm And submit the design.		
	<ol style="list-style-type: none"> 1.Condensers (Having drainage valve, cooling accessories, other safety device, etc.) 2.Resin Traps 3.Various pneumatically operated ball valves. 4.Pressure switches and gauges, vacuum Switch& gauges(Reputed make are acceptable only.) 5.Interconnecting pipe with hoses & seals 6.Electrical panel for pneumatically operated valve 7.Flexible piping for valves 8.Compressor with receiver 9.Erection & commissioning of the system 	Vendor to confirm air compressor with filters and dryer of suitable capacity for proper pneumatic functioning and control of impregnation plant		

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2.2	Any other auxiliary components, indicating instruments required for proper working of modified system with expected performance.	Vendor to confirm		
3.0	Leak testing Existing Impregnation tank shall be tested for leak by Helium leak detector (Helium leak detector with gas will be provided by BHEL)	Vendor to confirm		
3.1	Diagram is attached to get a sample idea of tubing layout and dimensions. Vendor has to visit to get clear cut view for its own design and dimensioning before submitting offer.	Vendor to confirm		
4.0	ERECTION, COMMISSIONING & MAINTENANCE manual of indirect heating system & resin trap modules.	Vendor to confirm		
4.1	Vendor shall take full responsibility for carrying out the erection, commissioning and testing of reconditioned mica plant	Vendor to confirm		
4.2	Any of the modification not covered above for proper functioning of impregnation tank and process without any extra cost.	Vendor to confirm		

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5.0	Drawings: General layout drawing indicating position of heating module, Brine or Thermal oil tank, air purging system, .Pipe lines showing the flow path and direction of heating medium. Tubing dia. Of main suction and discharge line. Complete layout of tubing inside the periphery of tank. Air compressor layout. Control panel layout .	Vendor to provide		
5.1	Power supply-BHELwill provide 3 phase ,3 wire, 415v,50 hz,isolator switch.	Vendor to confirm		
5.2	Foundation drawings			
	Vendor shall indicate foundation scheme for Indirect heating system regarding -Storage tank stand -Heating module -circulating pump foundation -pipe lines etc. Vacuum pumping system module Interfacing drawing showing clearly the space and location of new module to be install and inserted with the existing system. Pneumatic line, brine line, electrical cables layout scheme and trench drawings. Foundation bolts, leveling elements, cable trays, and other items required for erection of modified system.	Vendor to provide		
6.0	Warranty: Vendor shall stand warranty for a period of two years from the date of successful commissioning for all the material supplied and commissioned for vacuum Impregnation Plant.	Vendor to confirm		

I/We agree with the above

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7.0.	TERMS OF PAYMENT: shall be as under:	REQUIREMENT	OFFERED	DEVIATION
	a. 80 percent of material cost +100 percent taxes to be paid on receipt and acceptance of material at BHEL,Haridwar.Balance 20 percent material cost and 100 percent commissioning charges shall to be paid on successful commissioning of the equipment .This payment shall be released on submission of a performance bank guarantee equal to 10 percent of contract value valid for a period of 2 yrs from the date of successful commissioning of equipment.	Vendor to accept		
8.0.	EARNEST MONEY DEPOSIT:	Vendor to accept		
	a). The Earnest Money of Rs 1,00,000/- is to be paid by each bidder along with Techno-commercial bid.			
	b). Earnest money should be deposited in one of the following ways: Cash (As permissible under the Income Tax Act) Pay order Demand draft Tenders not submitted with earnest money are liable to be rejected. Earnest money deposit of unsuccessful offers shall be returned normally within 15 days of acceptance of award of work by the successful bidder.			
	c). offers without EMD will be rejected and will not be considered for evaluation. However in special cases, NSIC/MSMED certificate may be considered at the discretion of BHEL management.			
	d). EMD shall be converted to security deposit if the work is awarded.			

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	e). EMD shall not carry any interest.			
	f). EMD by the tenderer will be forfeited if: i) After opening of the tender, the tenderer revokes his tender within the validity period or increases his earlier quoted rates.			
9.0	SECURITY DEPOSIT: L-1 bidder should have submit a security deposit as given below-	Vendor to accept		
	a).The rate of security deposit will be as below: Up to ` 10 Lakhs: 10% Above ` 10 Lakhs upto ` 50 Lakhs: ` 1 Lakh + 7.5% amount exceeding ` 10 Lakhs Above ` 50 Lakhs: ` 4 Lakhs + 5% amount exceeding ` 50 Lakhs			
	b). The security deposit should be submitted before the start of work in the following forms: i) Cash (As permissible under the Income Tax Act) ii) Pay Order, Demand Draft in favour of BHEL, Hardwar iii) Local cheques of Scheduled Banks, subject to realization. iv) Bank Guarantee from Scheduled Banks/Public Financial Institution as defined in the companies Act. The Bank guarantee format should have the approval of BHEL.			
	c). Security Deposit shall not carry any interest			
	d). EMD of successful tenderer can be converted and adjusted against the Security Deposit.			
	e). Security Deposit shall be refunded to the vendor as follows: 50% of the Security Deposit amount shall be refunded to the vendor after successful completion of the project. Balance 50% of the Security Deposit amount shall be refunded after 6 months of maintenance period.			
10.0	ACCEPTANCE (Tests/Activities to be performed & demonstrated by Vendor at BHEL works while commissioning the indirect heating and vacuum pumping module)	Vendor to accept		

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11.0	DELIVERY	Vendor to accept		
11.1	Material: - max. 4 months from the date of award of contract. Early delivery shall be acceptable.			
11.2	Work:- Within 2 months from the date of release of impregnation plant for work.			
12.0	ERECTION & COMMISSIONING	Vendor to accept & offer price		
12.1	Erection & Commissioning of the complete indirect heating system and vacuum pumping module with all electrical switchgear & mechanical accessories shall also be responsibility of the vendor.			
12.2	Successful job proving of BHEL components by the supplier shall be considered as part of commissioning for the machine. All features and functions, as mentioned Operating vacuum - 0.10 mbar or less achieved in max.4 hrs and can be maintained continuously for 20 hrs Operating pressure (Nitrogen)-7.00 – 8.00 bar for 210 minutes. Operating temperature,- Ambient temperature to 90 Degree Celsius for 20 hrs Heating rate : Ambient temperature to 90 Degree Celsius within 4 hrs.			
12.3	Tools, Tackles, instruments and other necessary equipment required carrying out all erection & commissioning activities should be arranged and brought by the supplier.			
12.4	Commissioning spares, required for commissioning of the complete system within stipulated time, shall be brought by the supplier on returnable basis.			
12.5	Schedule of Erection and Commissioning shall be submitted, after placement of order.			
12.6	Details of Erection & Commissioning should be furnished in detail separately by vendor.			
12.7	Portion, if any, of the machine, accessories/attachments and other supplied items where paint got rubbed or peeled off during transit or erection should be repainted and matched with the original adjoining paint by the vendor. For this purpose, the vendor should supply sufficient quantity of touch-up paint of various colors/shades of paints used. The vendor shall ensure performing touching after commissioning but before final acceptance.			

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12.8	Generals 1.Total connected load (KVA) 2.Painting of Machine / Electrical Panels : RAL 6011 3.All Cables and Hoses etc. should be well supported & protected in trays / brackets / drag chains etc.			
13.0	Late Delivery (LD) Clause:	Vendor to accept		
13.1	LD @ 0.5% per week subject to a maximum of 10% of the material cost shall be applicable for delay in deliveries. In case of any change to order value , the LD should be 0.5% of the revised material cost per week of delay or part thereof subject to a maximum of 10% of the revised material cost.			
13.2	LD @ 0.5% per week subject to a max. of 10% of the Commissioning Charges shall be applicable for delay beyond scheduled commissioning date for reasons attributed to the party.			
13.3	Vendor should intimate BHEL regarding Pre dispatch inspection at least two weeks in advance. The time period from date of invitation from vendor to the date of arrival of BHEL team for PDI at vendor"s works in excess of two weeks due to any reason attributed to BHEL will not be accounted for delay in delivery period and will be excluded for calculating Liquidated Damages.			
14.0	PRE-DISPATCH INSPECTION	Vendor to accept		
14.1	Pre-dispatch inspection of all the items covered under Scope of Supply (Part A& Part B)shall be carried out by BHEL at party's works. vendor shall agree to facilitate the visit of BHEL engineers to his premises.			
14.2	Supplier shall invite BHEL for carrying out pre- inspection.			
14.3	Deputed BHEL persons shall do pre acceptance at vendor works and give dispatch clearance.			
14.4	Expenses of Boarding and lodging of BHEL personnel during PDI shall be borne by BHEL.			

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15.0	SUBMISSION OF BILL OF MATERIAL (BOM) Before inviting BHEL for Pre-dispatch inspection, vendor shall submit to BHEL the Bill of Material (BOM) for scrutiny.	Vendor to accept		
16.0	PACKING Supplier shall arrange for adequate protection and packing of the consignment so as to avoid loss and damage during transit and also take appropriate measures to prevent metal parts from rusting and corrosion during transit. Handling instructions shall be clearly printed /painted on the packages. Each package should carry a detailed packing slip. Supplier shall be responsible for any loss/damage during transit due to defective/inadequate packing.	Vendor to accept & offer price		
16.1	The transportation of assembly and subassemblies for the machine/plant from vendor's works to BHEL Hardwar, will be on vendors account.	Vendor to accept		
17.0	PERFORMANCE BANK GUARANTEE (PBG):	Vendor to accept		
17.1	Vendor shall be required to submit a Performance Bank Guarantee (PBG) for 10% of the total work order/ contract value which shall be valid for a period of 24 months from the date of final acceptance of the machine.			
17.2	The PBG shall be submitted on a non-judicial stamp paper of value not less than `100/- issued by any one of the nationalised banks.			
17.3	The bank guarantee will be invoked only if plants fail to perform as per stipulated criteria till job proving.			

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17.0	<p>Risk Purchase Clause : In case of delays in supplies / defective supplies or non-fulfilment of any other terms & conditions given in the work order the purchaser may cancel the work order in full or part thereof and may also make the purchase of the material / service from elsewhere / alternative source at the risk and cost of supplier.</p> <p>Vendor does not agree to above clause, their offer is liable to be rejected. In case any vendor accepts risk purchase clause initially and subsequently declines to honour the term in the eventuality of RISK PURCHASE, they may be banned for business with BHEL.</p>			
18.0	COMMERCIAL TERMS:	Vendor to accept		
18.1	<p>Prices shall be quoted on “Firm Price” basis only. The prices should be on F.O.R BHEL, Haridwar basis inclusive of Packing & Forwarding, transit insurance & Transportation charges. Applicable % of ED & Sales Tax, Installation/ Commissioning Charges & Service Tax should be clearly indicated in attached Price bid format as per “Annexure C”</p>			
18.2	<p>The material Shall be dispatched to Central Plant Stores, HEEP, BHEL, Haridwar with instructions to forward the same to DGM (WEX/BI-4), HEEP, BHEL, Haridwar-249403</p>			

GENERAL CONDITIONS

1. L-1 should be decided by total landed cost. i.e including material cost, commissioning charges, transportation cost. all taxes and duties as applicable (Cost to BHEL)
2. A point wise compliance statement shall be submitted by the party with reference to the above scope of supply against each clause/ sub-clause with relevant details & comments. Non-compliance to any of the clauses & quoting inadequate quantity can lead to dis-qualification of the offer.
3. Vendor has to visit to get clear cut view for its own design and dimensioning before submitting offer.
4. Any material not specified in scope of supply but required for successful commissioning shall be provided by the vendor.
5. Party shall provide list of all bought out items with address of vendor.
6. If any information/documents submitted by the contractor are found false/fake at any stage, the tender will be cancelled and earnest money deposited shall be forfeited debarring from the future participation in tenders.
7. In case more than one contractor quotes equal L-1 rates, lottery shall be drawn among L-1 parties to decide one L-1 party.

Issuing Officer

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SPECIAL CONDITIONS:

1. The contractor shall maintain the following during the execution of contract, as applicable;
 - i. Valid labor license from Asst. Labor commissioner as applicable.
 - ii. P.F. code and abide by the relevant laws & rules.
 - iii. E.S.I. code and abide by the relevant laws & rules.
 - iv. Insurance Cover (as per workmen compensation act & for working at height) for labors as per the relevant laws & rules.
2. The contractor shall not employ a worker less than 18 years of age during execution of his work.
3. **Drawings are attached for your reference only giving general idea of plant. Vendor is strongly advised to visit the plant to get exact idea of nature of work to be carried out before quoting. Vendor may choose his own design considering easy maintainability, performance and safety of the plant.**
4. BHEL reserves the right to award only a fraction or part of the work given in the bill of quantity.
5. BHEL reserves the right to cancel the tender at any stage of tendering till signing of agreement without assigning any reason(s) thereof. The tender cost in that event shall not be refunded.
6. Power of attorney / subletting will not be accepted for execution of work.
7. Taxes as applicable shall be recovered as per rule.
8. Rates shall be quoted in figures as well as in words and contractor must put his name and signature on each page of the tender documents / undertakings, while submitting his offer, failing of which tender may be liable for rejection.
9. Gate passes / tokens to be issued by the CISF unit shall have to be returned to the pass section of CISF after completion of work, failing of which recovery at the rate as applicable shall be made from the contractor.
10. The contractor will have to protect the BHEL equipment and material from fire hazards or any other damages or loss.
11. All necessary precautions for safety of the man/ machine, fire hazard & environmental aspects shall have to be taken by the vendor.
12. Involvement in any undesirable activity by him or his workmen will be viewed seriously and attract strict action including cancellation of contract or debarring from tendering.

Issuing Officer

I/We agree with the above

Signature of Contractor with Seal

(CHECK-LIST)

This check list must be filled properly & submitted in separate envelope along with Techno commercial offer.

Sl. No.	Details of Criteria	YES/ NO	Remarks / Reference of documents attached in support of each point
1.	Having minimum experience of similar work as per <i>Pre-qualification criteria</i> mentioned in Tender notice.		
2.	Profit & Loss Account and Balance sheet duly audited by chartered accountant in support of PQR Condition 1 (A)		
3.	Submitted proofs along with award letter/ contract agreement of carrying out similar work		
4.	Number of vacuum Impregnation plant commissioned (along with capacity).		
5.	Satisfactory performance certificate from previous customer having value of completed work		
6.	Submitted Affidavit on stamp paper of Rs.10/- that none of the bidder's relative is working as an officer in BHEL, Hardwar		
7.	PF Code No.		
8.	ESI Code No.		
9.	Service Tax Registration No.		
10.	Income Tax PAN No.		
11.	Valid Labor License from Labor Commissioner, Dehradun. (Else give undertaking to submit within 15 days after receipt of letter of intent).		
12.	Submitted Tender cost		
13.	Submitted Earnest Money		
14.	Validity of offer is 120 days from the date of opening		
15.	No Deviation Statement / Deviation (as per clause (15) Instruction to be followed of annexure-B)		

Note: - Submit copy of all relevant Proofs/ supporting documents as stated in Criteria's (1 to 15) with this check list. References can be given in the check list in the form of Page No. marked on the enclosed/annexed documents.

Issuing officer

I/We agree with the above

Signature of Contractor with Seal

**Certificate by Chartered Accountant on letter head
(only for those who are submitting EM-II Certificate)**

This t's to Cert'fy that M/S

.....
.....,
(hereinafter referred to as 'company') having its registered office at
..... is registered under MSMED Act 2006, (Entrepreneur
Memorandum No (Part-11)
dtd:....., Category:..... (Micro/Small)). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as per the latest audited financial year as per MSMED Act 2006 is as follows:

1. **For Manufacturing Enterprises:** Investment in plant and machinery (i.e. original cost **excluding land and building and the items specified by the Ministry of Small Scale Industries vide its** notification No.S.O.1722(E) dated October 5, 2006 :
Rs.....Lacs
2. **For Service Enterprises:** Investment in equipment (original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED Act, 2006:
Rs.....Lacs

(Strike off whichever is not applicable)

The above investment of Rs.....Lacs is within permissible limit of Rs.....Lacs forMicro / Small (Strike off which is not applicable) Category under MSMED Act 2006.

Or

The company has been graduated from its original category {Micro/ Small} (Strike off which is not applicable) and the date of graduation of such enterprise from its original category is (dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such enterprise from its original category as notified vide S.O.No.3322(E) dated 01.11.2013 published in the gazette notification dated 04.11.2013 by Ministry of MSME.

Date:
(Signature)
Name-
Membership number-

Seal of Chartered Accountant

Issuing Officer

I/We agree with the above

Signature of Contractor with Seal