

Annexure-A

Tender Document

Scope for Retrofitting of Coolant Filtration Unit of BLOHM machine Plan No. 3-019, NBS, BI-12, BHEL Haridwar

Purpose: Coolant filtration system for CNC grinding machine application to ensure 30 micron or less filtration at the output of the unit.

Sl. No	Description	Accepted (Yes/No)	Deviation	Remarks
1.	MATERIAL SUPPLY INCLUDING SCOPE OF WORK			
1.1	<u>Type of Equipment :</u>			
1.1.1	Compact Band Filtration system.			<u>Bidder to provide details & comply</u>
1.1.2	Coolant Handling Capacity :- 400 Litres per min or more			<u>Bidder to provide details & comply</u>
1.1.3	Fabrication structure in 3 mm. thick sheet or more			<u>Bidder to provide details & comply</u>
1.1.4	Conveyor chain – Honey comb Type filtration chain of suitable pitch for trouble free operation			<u>Bidder to provide details & comply</u>
1.1.5	Double reduction Heavy duty gearbox coupled with electric motor of suitable capacity for continuous operation of the unit, as per vendor's design.			<u>Bidder to provide details & comply</u>
1.1.6	Rotation drum – Drum type wheel (2 nos.) for locking of paper to ensure leak-proof operation.			<u>Bidder to provide details & comply</u>
1.1.7	Idler- Bearing type idler for smooth running of filtration chain of suitable diameter for trouble free operation			<u>Bidder to provide details & comply</u>

1.1.8	Sturdy Sprocket of suitable pitch for trouble free operation			<u>Bidder to provide details & comply</u>
1.1.9	Waste paper collection Bin of suitable size for atleast 3-shift continuous operation to handle sludge carrying grinding dust of 1 Kg's/hr. Bidder to note that the weight provided is for the dry wheel and not inclusive of the water content and other contaminants and therefore system has to be suitably over-rated.			<u>Bidder to provide details & comply</u>
1.1.10	Sludge scrappers to be fitted to handle larger volumes of sludge			<u>Bidder to provide details & comply</u>
1.1.11	Bidder to note that coolant used on the machine is water based emulsion & material for design of tank etc. has to be chosen accordingly to ensure no rusting or degradation of parts.			<u>Bidder to provide details & comply</u>
1.2	<u>Magnetic Separator :-</u>			
1.2.1	Magnetic Drum – Full S.S.-304 Drum, fitted with permanent magnets.			<u>Bidder to provide details & comply</u>
1.2.2	Scraper Blades comprising of brass to scrap the dust from separator			<u>Bidder to provide details & comply</u>
1.2.3	Dust collection bin of suitable size to handle metallic sludge as per details in clause 1.2.4 below for atleast 3 shift continuous operation.			<u>Bidder to provide details & comply</u>
1.2.4	Bidder to note that chip generated are of high alloy steel of hardness 300 HRC @ approx. 1.5-2 kg's/hr and coolant used on the machine is water based emulsion. Bidder to ensure that the unit is wear proof, rust proof & no degradation of parts takes place in normal operation.			<u>Bidder to provide details & comply</u>
1.3	<u>Coolant Tank :-</u>			
1.3.1	Capacity :- 3900 Litres or more			<u>Bidder to provide details & comply</u>
1.3.2	Fabrication structure in 3 mm. thick sheet or more			
1.3.3	Bidder to note that the rating of the Supply Pump is 400 LPM, Pressure-10 Bar, 05 Mtr Head			<u>Bidder to provide details & comply</u>

1.3.4	Bidder to supply Transfer Pump of equivalent or higher capacity compared to existing pump mentioned at clause no. 1.3.3 above.			<u>Bidder to provide details & comply</u>
1.3.5	Filter Paper Roll sufficient for operating the Filtration System uninterrupted for 1 year with the machine running in 3 shift every day. Bidder to inform complete specification of the filter roll along with the offer.			<u>Bidder to comply</u>
1.3.6	Bidder to note that coolant used on the machine is water based emulsion & material for design of tank etc. has to be chosen accordingly to ensure no rusting or degradation of parts.			<u>Bidder to provide details & comply</u>
1.3.7	Vendor to note that size provided is for the unit only, existing clean coolant tank is to be used.			<u>Bidder to provide details & comply</u>
1.4	<u>Electrical:-</u>			
1.4.1	Electric Control panel with Interlocking to pumps & digital level sensors of IFM/Hydac/Parker make to be supplied			<u>Bidder to provide details & comply</u>
1.4.2	Input supply of 415 V AC 3 phase 3 wire is available on the machine. If the installed system and drives require any other rated supply voltage, transformer and power supplies shall be provided by the Bidder.			<u>Bidder to provide details & comply</u>
1.4.3	Earthing schematic for all the elements and motors to be included.			<u>Bidder to provide details & comply</u>
1.4.4	Couplings, mountings brackets, mounting plates etc. and other items required for ensuring proper functioning of the system should be included in the offer. In case any modification in the covers is required in the existing clean tank unit, the same shall be included in the offer.			<u>Bidder to comply</u>
1.4.5	The size of the new unit should be similar to the existing filtration unit(2000mmX1500mmX1300mm approx.). Size constraints should be accounted for considering the available space around the machine.			<u>Bidder to provide details & comply</u>
1.4.6	L&T/Siemens/ABB/ Schneider Electric make MCCB with rotary handle kit of appropriate rating as per the new scheme (25% over-rated to maximum load) for switching ON the power supply of panel & to be mounted at operator height.			<u>Bidder to note</u>
1.4.7	Suitable Semiconductor, HRC fuses, fuse bases of GE/ SIEMENS/			<u>Bidder to provide details</u>

	BUSSMAN make for overload protection.			<u>&comply</u>
1.4.8	The complete LV switchgear of the filtration unit including overloads, relays, contactors, MCBs, MPCBs etc. is to be supplied & interfaced by the Bidder & compatible to the existing scheme. Bidder must interface each induction motor with MPCB and Contactor for single phase and overload protection.			<u>Bidder to provide details & comply</u>
1.4.9	Additional Keys, Push-buttons, Indicator lamps/ lamp holders & Selector switches required on the operator panel for operation of the machine to be provided by the Bidder.			<u>Bidder to provide details & comply</u>
1.4.10	DC Regulated Power Supply 24V DC, 20 Amps or more of Siemens/Phoenix/Allen Bradley for the control system as per requirement.			<u>Bidder to provide details & comply</u>
1.4.11	Wires, Conduits, Oil, chip & dust-proof Metallic/ PVC Cable drag chains and end covers/ brackets of reputed make for all cables and coolant hoses for wiring of the entire filtration unit including Control, Signal & Power cables, switch gears cables and field elements cables etc.			<u>Bidder to comply</u>
1.4.12	Terminal boxes, screwed terminal blocks, bus bars, transformers etc. as required per the new electrical scheme should be provided of reputed makes viz. Wago, Phoenix contact etc.			<u>Bidder to provide details & comply</u>
1.4.13	All required Proximity switches, Limit switches, Pressure switches, Flow switches, Float switches shall be provided with 24 VDC based elements of reputed makes. All Pressure switches & Flow switches should be with digital display for parameters and actual value display.			<u>Bidder to comply</u>
1.4.14	Solenoid valves if any used in the scheme should be with 24 V DC coil based elements of reputed makes.			<u>Bidder to provide details & comply</u>
1.4.15	All existing operational features of the coolant unit should be retained in the new electrical schematic of the filtration unit.			<u>Bidder to provide details & comply</u>
1.4.16	6 Set of keys for Electrical cabinet & Operator Panel locks.			<u>Bidder to provide details & comply</u>
1.4.17	Party shall supply all clamps, fixtures and fasteners required for installation of the unit.			<u>Bidder to provide details & comply</u>

1.4.18	Any other material not mentioned above but found necessary for proper installation & functioning of the unit shall be in party's scope of supply.			<u>Bidder to provide details & comply</u>
1.5	<u>Base :-</u>			<u>Bidder to provide details & comply</u>
1.5.1	Rigid and stable base to support the filtration system. The existing clean coolant tank is to be mounted on top of the new filtration unit and provision of the same is to be provided by the bidder.			<u>Bidder to note</u>
1.5.2	The entire system should be fully automatic with option for manual operations of individual elements for the purpose of service. All controls to be provided at a suitable height for operation by operator of average height (5 feet 5 inch) level to operate manually for servicing (with suitable safety inter locks).			<u>Bidder to provide details & comply</u>
1.5.3	Ground control panel shall be available for convenient and user-friendly controls. Ground control panels includes emergency stop switch, platform or ground selector switch, auxiliary power control, function enable switch, indicator lights and re-settable circuit breakers.			<u>Bidder to provide details & comply</u>
1.5.4	The system has to be interfaced with existing control and clean coolant system electrically and mechanically including interface of fluid plans.			<u>Bidder to provide details & comply</u>
1.6	<u>Safety Arrangement :</u>			
1.6.1	The equipment should have easily accessible and distinctly marked emergency stop buttons.			<u>Bidder to comply</u>
1.6.2	The equipment should comply with highest safety standards.			<u>Bidder to provide details & comply</u>
1.6.3	System shall have adequate and reliable safety interlocks/ devices to avoid damage to the system and/ or the operator due to malfunctioning or operational errors.			<u>Bidder to provide details & comply</u>
1.6.4	All electronic parts should be housed in shielded enclosures.			<u>Bidder to note</u>
2.	<u>COMMISSIONING:</u>			
2.1.	Party shall undertake commissioning of all the supplied components at HEEP, BHEL, Haridwar. All material required for			<u>Bidder to comply</u>

	commissioning of the machines shall be supplied by the party free of cost and obligation. All commissioning materials shall be supplied by party. Bidder shall depute their manpower for commissioning of the equipment at BHEL, Hardwar.			
2.2	Suitable interlocking and alarm display to be provided on operator panel.			<u>Bidder to comply</u>
2.3	Bidder shall intimate date of delivery of the equipment to BHEL, Hardwar.			<u>Bidder to provide details & comply</u>
2.4	The commissioning work should be completed within 45 days from the date of receipt of equipment at BHEL, Haridwar subject to availability of the machine.			<u>Bidder to provide details & comply</u>
2.5	Bidder must submit the electrical schematic, fluid plans and mechanical drawings for approval prior to manufacturing.			<u>Bidder to provide details & comply</u>
3	<u>FINAL ACCEPTANCE:</u>			
3.1	Final Acceptance shall be at HEEP, BHEL, Haridwar after: <ul style="list-style-type: none"> a) Upon completion of the scope of supply and scope of work at BHEL. The entire system should be leak proof. b) Upon demonstration of operation of all parts of the equipment supplied. c) Final acceptance shall include clearance of all pending issues related to the work contract. d) Successful commissioning and testing of the supplied equipment for all operation of the system for which the same was procured & as envisaged in the technical scope. e) After settlement of all pending issues related to work and supply, a certificate for Completion of works in all respect shall be released within 15 days by Production and Maintenance personnel of BHEL which will be the referred document for Final Acceptance and final payment to the Bidder. 			<u>Bidder to comply</u>
4.0	<u>DELIVERY :(IF DELIVERY PERIOD IS NOT OFFERED/ACCEPTABLE, OFFER WILL BE REJECTED)</u>			<u>Bidder to comply</u>

4.1	i) Material: 6 months from the date of issue of work order. ii) Work: 45 days from date of release of machine for work. The delivery period of work for the purpose of LD as per Clause 11 shall be considered from the date of start of work to the date of start of the machine after carrying out the work. iii) Bidder to note that early delivery shall be acceptable. Bidder should take BHEL approval before invoking this clause.			<u>Bidder to comply</u>
5	<u>DOCUMENTATION :</u>			
5.1	3 sets of all the below mentioned hard copy documentation:			<u>Bidder to comply</u>
5.2	Operation and maintenance manual of the equipment.			<u>Bidder to comply</u>
5.3	Electrical drawings and fluid plans.			<u>Bidder to comply</u>
5.4	Documentation of all bought-out items hard copy as well as in soft copy.			<u>Bidder to comply</u>
5.5	Drawings of all mechanical systems & modifications, mountings, flanges & couplings.			<u>Bidder to comply</u>
5.6	Complete list of bill of materials including make/manufacturer.			<u>Bidder to comply</u>
5.7	One set of soft copy of all documents on hard disk (1 TB or more)			<u>Bidder to comply</u>
6	<u>SPARES: (TO BE COMPULSORILY QUOTED OTHERWISE OFFER WILL BE REJECTED) :</u>			
	Party shall compulsorily quote following spare parts:			
6.1	Sludge scrapers-5 nos			<u>Bidder to comply</u>
6.2	Conveyor Chain-Complete Length			<u>Bidder to comply</u>
6.3	Gearbox coupled with electric motor-1 no. of each type			<u>Bidder to comply</u>
6.4	Drum type wheel-1 no. of each type			<u>Bidder to comply</u>
6.5	Idler-1 no. of each type			<u>Bidder to comply</u>
6.6	Bearings used in the Filtration Unit-1 no. of each type			<u>Bidder to comply</u>
6.7	Sprocket-2 nos. of each type			<u>Bidder to comply</u>
6.8	Scraper Blade-1 set			<u>Bidder to comply</u>
6.9	Pump-1 no. of each type			<u>Bidder to comply</u>
6.10	All the seals used in the Filtration Unit-1 set			<u>Bidder to comply</u>
6.11	Digital level sensors-1 of each type			<u>Bidder to comply</u>

6.12	Indicating lamps used on the Filtration Unit of each type.-1 set			<u>Bidder to comply</u>
6.13	Push buttons, Selector switches of each type-2 nos. of each type			<u>Bidder to comply</u>
6.14	Flexible hose pipes-1 set			<u>Bidder to comply</u>
6.15	Valves used in the system-1 No. of each type			<u>Bidder to comply</u>
7	<u>WARRANTY:</u>			
7.1	Party shall stand warranty for all the supplied material and work executed for a period of one year from the date of final acceptance (Ref.: Clause No.3) of the machine at BHEL, Haridwar.			<u>Bidder to comply</u>
8	<u>TRAINING:</u>			
8.1	Party shall impart training to BHEL staff, for operation & maintenance of the system supplied by them during installation & commissioning.			<u>Bidder to comply</u>
9	<u>BIDDER'S OBLIGATION:</u>			
	The Bidder shall bring all tools, tackles and testing equipment with them for successful commissioning of supplied system.			<u>Bidder to comply</u>
10	<u>QUALIFYING CONDITIONS</u>			
10.1	Average Annual financial turnover during the last 3 years, ending 31st March 2015, should be at least Rs. 4.55 Lakhs Bidder should submit Audited balance sheets for the last three years.			<u>Bidder to provide details & comply</u>
10.2	The Bidder must have successfully supplied and commissioned compact band coolant filtration system during last seven years ending 28 th June, 2016 and should be either of the following: a. Three projects with each project costing not less than Rs. 6.07 Lakhs (exclusive of taxes & duties). or b. Two projects with each project costing not less than Rs. 7.59 Lakhs (exclusive of taxes & duties). or c. One project costing not less than Rs. 12.14 Lakhs (exclusive of taxes & duties).			<u>Bidder to provide details & comply</u>

	<p>The above compact band coolant filtration system should be running satisfactorily for at least 6 months prior to 28th June, 2016. 6 months period will be calculated on the basis of commissioning certificates/relevant MOMs provided.</p> <p>Bidder to provide P.O. / W.O copies and commissioning/ performance certificates for satisfactory operation of the above commissioned systems along with name, address & contact details of their customer. BHEL reserves the right to verify the information provided. Bidder is advised to attach only the relevant certificates and not attach papers irrelevant against this clause.</p>			
11	<u>LATE DELIVERY PENALTY (LD) CLAUSE:-</u>			
11.1	<p>LD @ ½% per week subject to a maximum of 10% of the Material cost including spare parts shall be applicable for delay in deliveries.</p> <p>The time period from invitation date for Pre dispatch inspection from Bidder to the date of arrival of Pre Dispatch Team to Bidder's works and any other reasons attributed to BHEL will not be accounted for in delivery period. This period will be excluded for the purpose of calculating LD. Bidder should intimate regarding PDI 7 days in advance only</p>			<u>Bidder to comply</u>
11.2	<p>LD @ 2% per week subject to a maximum of 10% of the Commissioning Charges shall be applicable for delay beyond scheduled commissioning date as per Clause 4.1 ii) for reasons attributed to the party.</p>			<u>Bidder to comply</u>
12	<u>PRE-DISPATCH INSPECTION</u>			
12.1	<p>Pre-dispatch inspection of all the items covered under Scope of Supply at Para (1) & Spares at Para (6) shall be carried out by BHEL personnel at party's works.</p>			<u>Bidder to comply</u>
12.2	<p>Supplier shall invite BHEL for carrying out pre- inspection.</p>			<u>Bidder to comply</u>
12.3	<p>Deputed BHEL persons shall do pre acceptance of material under scope of supply at Bidder works and give dispatch clearance.</p>			<u>Bidder to comply</u>

12.4	Expenses of Boarding and lodging of BHEL personnel during PDI shall be borne by BHEL.			<u>Bidder to note</u>
13	<u>SUBMISSION OF BILL OF MATERIAL (BOM)</u>			
	Before inviting BHEL for Pre-dispatch inspection, Bidder shall submit to BHEL the Bill of Material (BOM) and proposed hydraulic, coolant, pneumatic and lubrication drawing/ schematic for scrutiny.			<u>Bidder to comply</u>
14	<u>EARNEST MONEY DEPOSIT (EMD):</u>			
14.1	Bidders have to deposit the Rs. 40,000/- as EMD. EMD may be deposited through pay order or through demand draft in favor of HEEP, BHEL, Haridwar only.			<u>Bidder to comply</u>
14.2	EMD shall be converted to Security deposit if the work is awarded.			<u>Bidder to comply</u>
14.3	EMD of unsuccessful bidders shall be refunded back normally within fifteen days of acceptance of award of work by the successful tenderer.			<u>Bidder to comply</u>
14.4	EMD shall not carry any interest.			<u>Bidder to comply</u>
14.5	EMD by tenderer will be forfeited as per tender documents if:			<u>Bidder to comply</u>
14.5.1	After opening the tender, the tenderer revokes his tender within the validity period or increases his earlier quoted rates.			<u>Bidder to comply</u>
14.5.2	The tenderer does not commence the work within the period as per LOI/contract.			<u>Bidder to comply</u>
14.6	Offers without EMD will be rejected and will not be considered for evaluation. However "MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (Format enclosed at Annexure -1 where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year			<u>Bidder to comply</u>

	(latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents is not submitted before price bid opening. If the tender is to be submitted through e procurement portal, then the above required documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted officer.”			
15	<u>SECURITY DEPOSIT (SD):-</u>			
15.1	Successful Bidder shall deposit security. The rate of security deposit will be as below:			<u>Bidder to comply</u>
	For work Up to Rs. 10 Lakhs : 10% of work order value			<u>Bidder to comply</u>
	Above Rs. 10 Lakhs upto Rs.50 Lakhs :Rs. 1 Lakh + 7.5% amount exceeding Rs. 10 Lakhs			<u>Bidder to comply</u>
	Above Rs. 50 Lakhs: Rs.4 Lakhs + 5% amount exceeding Rs. 50 Lakhs			<u>Bidder to comply</u>
15.2	The security deposit should be submitted before the start of work in the following forms:			<u>Bidder to comply</u>
	i) Cash (As permissible under the Income Tax Act)			<u>Bidder to comply</u>
	ii) Pay Order, Demand Draft in favour of HEEP, BHEL, Haridwar.			<u>Bidder to comply</u>
	iii) Local cheques of Scheduled Banks, subject to realization.			<u>Bidder to comply</u>
	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.			<u>Bidder to comply</u>
15.3	EMD of successful tenderer can be converted and adjusted against the Security Deposit.			<u>Bidder to comply</u>
15.4	Security Deposit shall not carry any interest.			<u>Bidder to comply</u>
15.5	100% of the Security Deposit amount shall be refunded to the			<u>Bidder to comply</u>

	Bidder after final acceptance of work. SD shall be released after the submission of Performance Bank Guarantee(PBG) by the Bidder.			
16	<u>Performance Bank Guarantee (PBG):</u>			
16.1	Bidder 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 12 months from the date of final acceptance of the machine.			<u>Bidder to comply</u>
16.2	The PBG shall be submitted on a non-judicial stamp paper of value not less than Rs.100/- issued by any one of the nationalized banks.			<u>Bidder to comply</u>
17	<u>PAYMENT TERMS:</u> (Note: No advance payment shall be made to the Bidder.)			
17.1	Part payment will be made after completion of following milestones			<u>Bidder to comply</u>
17.1.1	Payment of 80% of material cost along with 100% of all taxes & duties (Excise duty, CST/VAT as applicable) shall be payable after inspection & acceptance of material at HEEP, BHEL, Haridwar. Bidder to ensure that all relevant documents are submitted.			<u>Bidder to comply</u>
17.1.2	Final payment of balance 20% of material cost, 100% of commissioning charges including service taxes as applicable amount will be made after Final acceptance of the machine (As per Clause 3). The payment shall be made subject to submission of PBG as per "Para 16".			<u>Bidder to comply</u>
17.2	All the payments shall be made through e-payment after submission of following documents along with first bill.			<u>Bidder to comply</u>
17.2.1	E-payment form duly filled (Form will be provided by BHEL)			<u>Bidder to comply</u>
17.2.2	Income tax exemption letter(if applicable)			<u>Bidder to comply</u>
17.3	Excise duty & CST/VAT will be paid on material cost and service tax will be paid on commissioning charges at actuals. Related			<u>Bidder to comply</u>

	original documents to be submitted for availing MODVAT credit by BHEL.			
17.4	Timely submission of CENVATABLE invoices along with necessary documents to enable availment of CENVAT (Excise duty, Service Tax & VAT) credit by BHEL. Note: Wherever CENVAT credit cannot be availed within given time limit due to delay in submission of invoices or for any other reasons attributed to bidder, loss of such CENVAT credit will be recovered from such bidder.			<u>Bidder to comply</u>
17.5	Bidders should submit their invoices against goods and services immediately after supply of goods and services but not later than 30 days from the invoice date. In case of any delay consequential losses like loss of input credit and non-availability of concessional forms etc. shall be to bidders account.			<u>Bidder to comply</u>
18	<u>Risk Purchase Clause</u> : In case of delays in supplies / defective supplies or non-fulfillment 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. Bidder does not agree to above clause, their offer is liable to be rejected. In case any Bidder 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.			<u>Bidder to comply</u>
19	<u>GENERAL CONDITIONS:</u>			
19.1	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 disqualification of the offer. All documents submitted by bidder			<u>Bidder to comply</u>

	along with their bids and during tendering process shall be authenticated by authorized signatory of the company with stamp.			
19.2	The Bidder is advised to inspect the machine prior to quoting ascertain all the relevant details required for successful completion of the work.			<u>Bidder to comply</u>
19.3	The proposed mechanical schematic & Bill of material for the machine shall be provided by the Bidder prior to pre dispatch inspection.			<u>Bidder to comply</u>
19.4	Specifications such as part no./Model/Type, grade/ capacity/load rating etc. of machine component shall be stated in the offer by the party. Ordering brochure/catalogue should be attached wherever necessary.			<u>Bidder to comply</u>
19.5	Bidder must compulsorily quote the quantity exactly as per the Scope of supply. No reduction in quantity as per the above Scope of supply is permissible.			<u>Bidder to comply</u>
19.6	Bidder must quote the Spare parts separately in the offer otherwise the offer will be rejected.			<u>Bidder to comply</u>
19.7	The offers of the bidders who are on the banned list as also the offer of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL web site www.bhel.com			<u>Bidder to comply</u>
19.8	The award of works will be made on basis of the total of Material cost , Spare Parts cost, Commissioning charges and all taxes, duties as applicable (Cost to BHEL)			<u>Information to Bidder</u>
19.9	The Bidder should submit their best price at this stage itself and they will not be allowed to revise the price. Any revision / discount given by the Bidder subsequently will be ignored.			<u>Information to Bidder</u>
19.10	Check List as per Annexure 'C' must be enclosed with techno-commercial bid			<u>Bidder to comply</u>
19.11	The risk of delay/loss in transmission by post/courier rest with the bidder.			<u>Bidder to comply</u>
19.12	Conditional tender is likely to be rejected.			<u>Bidder to comply</u>
19.13	BHEL reserves the right to reject the lowest or any tender or accept any tender in full or in part without assigning any reasons			<u>Bidder to comply</u>

	whatsoever.			
19.14	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			<u>Bidder to comply</u>
19.15	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.			<u>Bidder to comply</u>
19.16	Bidder must note that all the work in the scope of this tender has to be carried out at BHEL works only. In any case, Bidder will not be allowed to transport any part of the machine or major assemblies outside BHEL works. Therefore, Bidder is advised to inspect the machine before bidding to collect & ascertain all the relevant details required for successful completion of work.			<u>Bidder to comply</u>
20	<u>BHEL'S OBLIGATION/ FACILITIES:</u>			
20.1	Existing mechanical & electrical schematic of the machine shall be provided by BHEL to the Bidder on request.			<u>Bidder to comply</u>
20.2	Crane facility along with lifting tackles, trolleys etc. will be made available free of charge while working in BHEL premises only. Any civil work required for the erection of panel shall be done by BHEL.			<u>Bidder to comply</u>
20.3	Facilities of minor welding, brazing, minor machining limited to fitting work /rework etc. will be made available free of cost inside BHEL premises.			<u>Bidder to comply</u>
20.4	Consumables like lubricants, kerosene oil, cotton waste etc. will be supplied free of cost by BHEL during execution of works inside BHEL premises. Contractor should make his own arrangements for all types of hand tools including pneumatic/electrical drill machines, grinders, scraping tools along with the general purpose measuring instruments, straight edges etc.			<u>Bidder to comply</u>
21	<u>OFFER :-</u>			

	The offer should be submitted in two parts and in following manner.			
21.1	<u>Techno-commercial Bid :</u>			
21.1.1	The envelop shall contain the Techno-commercial Bid (ANNEXURE ‘A’)with technical details and commercial terms & conditions along with relevant documents like copies of ESI, PF code, PAN No., Service Tax Regn. No., TIN No., CST No., Experience Certificates, Audited Balance Sheet of last 3 years, P.O copies & Commissioning/ Performance certificates (against Pre-qualifying conditions) , Tender fees, EMD and Check List as per ANNEXURE ‘C’.			<u>Bidder to comply</u>
21.1.2	The envelop shall be super scribed with “Techno-Commercial Bid”, Name of work & NIT No.			<u>Bidder to comply</u>
21.1.3	Point-wise compliance of this scope of supply and work is to be given by Bidders while submitting their techno-commercial offer in the format provided by BHEL. Each page of the compliance list has to be signed by the Bidder.			<u>Bidder to comply</u>
21.1.4	The Bidder must note that no prices are to be quoted/ mentioned in the techno-commercial offer. Bidder must include un-priced Price bid.			<u>Information to Bidder</u>
21.2	<u>Price Bid :</u>			
21.2.1	The second envelope shall contain only the price bid with separate price for material, spares, work & applicable taxes & duties on Price Bid Format only as per ANNEXURE ‘B’.			<u>Bidder to comply</u>
21.2.2	Any other information in the price bid shall not be considered and the quotation is likely to be rejected. Price bid document shall be signed by the bidder with company seal at the bottom of the page.			<u>Bidder to comply</u>
21.2.3	The envelope shall be sealed and super scribed with “Price Bid”, Name of work & NIT No.			<u>Bidder to comply</u>
21.2.4	Price bids of techno commercially accepted Bidders shall be opened.			<u>Bidder to comply</u>
21.3	Both the above two envelopes shall be kept in another sealed cover. The cover shall be super-scribed with “Quotation for (name			<u>Bidder to comply</u>

	of work), NIT No. & due date and shall be submitted in the Tender Box kept in the Tender room of Purchase department at the 4th floor of the Main Administrative Building of BHEL,HEEP,HARIDWAR and it should also contain the Bidder's address.			
21.4	In case the date of tender opening happens to be a BHEL declared holiday, tenders shall be opened on the next working day.			<u>Information to Bidder</u>
22	Commercial Terms:			
22.1	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 B "			<u>Bidder to comply</u>
22.2	Validity of offer shall be for a minimum period of 120 days from the date of Tender Opening.			<u>Bidder to comply</u>
22.3	Freight & transit insurance charges from Dispatching station to BHEL, Haridwar shall be borne by the party.			<u>Bidder to comply</u>
22.4	The material will be dispatched to Central plant stores with instructions to forward the same to Engineer (WEX/MM-NBS), HEEP, BHEL, Haridwar.			<u>Bidder to comply</u>
23.	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.			<u>Bidder to comply</u>

ANNEXURE 'B'(PRICE BID FORMAT)

Name of Work :

NIT No.& Date :

Bidder's Offer No. & Date :

Sl. No.	Description of item	Unit	Qty	Basic Rate	Excise Duty (in %)	VAT/CST (in%) (VAT with FORM-17 or CST with C-FORM)	Service Tax (in %)	Total Value
1	Material	Set	01	Rs.	%	%	%	Rs.
2	Spares	Set	01	Rs.	%	%	%	Rs.
3	Installation & Commissioning	Set	01	Rs.	%	%	%	Rs.
	TOTAL COST (in Figures)							Rs.
	TOTAL COST (in Words) :							

Note: Bidder may please note that all relevant columns should be duly filled up and in case any column is left blank it will be considered as inclusive in the prices quoted. All pages to be duly signed and stamped by authorised signatory.

ANNEXURE 'C' (CHECK LIST FOR TENDER)

NIT No. : _____

Bidder shall ensure that following documents / particulars have been enclosed with tender. This check list shall be enclosed with Techno-commercial Bid.

S. No.	Particulars	YES/NO	REMARKS
1.	Sealed Techno-commercial Bid with Un-priced price bid as per Annexure 'A' of NIT		
2.	Sealed Price Bid as per Annexure 'B' of NIT		
3.	Compliance to all the points of the Annexure 'A' of NIT		
4.	Audited balance sheets for the last three years should be submitted i.e, 2014-15, 2013-14, 2012-13 required as per Clause 10.1 of Annexure 'A' of NIT		
5.	P.O. copies and Commissioning/ Performance certificates required as per Clause 10.2 of Annexure 'A' of NIT		
6.	Name, address & contact details of their customer required as per Clause 10.2 of Annexure 'A' of NIT		
7.	Tender Fee enclosed		
8.	Earnest Money Deposit (EMD) required as per Clause 14 of Annexure 'A' of NIT; For MSME vendors certificates should be attached as per Clause 14.6 of Annexure 'A' of NIT.		
9.	Specifications such as part no./Model/Type, grade/ capacity/load rating etc. of machine component shall be stated in the offer by the party. Ordering brochure/catalogue should be attached required as per Clause 19.4 of Annexure 'A' of NIT.		

Sign & Seal

ANNEXURE-'1'

Certificate by Chartered Accountant on Letter Head

This is to certify that M/s (hereinafter referred to as 'company') having its registered office at is registered under MSMED Act 2006, Entrepreneur Memorandum No. Part –II Dtd: Category: (Micro/ small). (Copy enclosed).

Further verified from Books of account 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 Ministry of small scale Industries vide its notification No. S.O. 1722(E) Dtd. October 5 , 2006):
Rs. Lacs
- 2. For Service Enterprises:** Investment in equipments (i.e. 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 MSMED Act, 2006):
Rs. Lacs

(Strike off whichever is not applicable)

The above investment of Rs..... Lacs is within permissible limit of Rs.....Lacs for..... (Micro/ small) (Strike off whichever is not applicable) category under MSMED Act 2006.

Or

The company has graduated from its original capacity (Micro/ small) (Strike off whichever is not applicable) and date of graduation of such enterprise from its original capacity is..... (dd/mm/yy) 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 if MSME.

Date:

(Signature)

Name-

Membership No.-

Seal of Chartered accountant

Vendor's Signature & Seal