



BHARAT HEAVY ELECTRICALS LIMITED

HEEP HARIDWAR INDIA-PIN 249403

FAX NO: 0091 1334 226462

PHONE NO: 0091 1334 284593

Enq. No. : L/6432/2016/2903D/2

Sub: BHEL-HEEP/OPEN-TENDER (TL) / 2017

Dear Sir,

The Heavy Electricals Equipment Plant (HEEP) located in Haridwar, India is one of the major manufacturing plants of Bharat Heavy Electricals Ltd. The core business of HEEP includes design and manufacture of large steam and gas turbines, turbo generators and so on.

Sealed tenders with the **Tender No.** and **opening date** clearly super scribed on the cover are invited from the manufacturers (registered as well as unregistered) for the supply of the following items :-

TENDER NO. : L/6432/2016/2903D/2					TENDER OPENING DATE : 28/09/2017 (28th SEPTEMBER 2017)				
SL. NO.	ITEM CODE	ITEM DESCRIPTION	QTY.	DELIVERY SCHEDULE					
1	TLMW62808931	FORM 10.3 SEMI FINISH MILL, 5TH PHASE,RH HELICAL FLUTES, RIME 26.98/D61X95X240, Z=4, HSS-CO PM(SIMILAR TO ASP60) FORM CUTTER, TIALN/SUITABLY COATED,INTEGRATED BT50 SHANK, Z=4,CHIP BREAKER NR AND INTERNAL COOLANT HOLES,M/S SAACKE ORDERING NO.211831 N.STD:M/S RIME,ITALY OR EQVLT SIZE: BHEL10.3/5STBT50	15 NO.	31.10.2017					
2	TLMW62808940	FORM 17 SEMI FINISH MILL, 5TH PHASE, RH HELICAL FLUTES,RIME 29.405/D65X100X245,HSS-CO PM (SIMILAR TO ASP60)FORM CUTTER, TIALN OR SUITABLY COATED, INTEGRATED BT50 SHANK, Z=4, CHIP BREAKER NR AND INTERNAL COOLANT HOLES, M/S SAACKE ORDERING NO:211833, SIZE:DIA 63.95/100X84.02/265MM N.STD:M/S RIME,ITALY OR EQVLT SIZE: BHEL17/5STBT50	15 NO.	31.10.2017					
3	TLMW62808680	FIR TREE FINISH PROFILE CUTTER FOR PROFILE FORM 14, MADE OF PM-30 MATERIAL WITH AL TIN COATING RH CUTTING WITH RH HELIX, RAKE ANGLE 6 DEGREE NO OF TEETH-4 SHANK (SK-50 DIN 2080) SUITABLE FOR KOPP M/C. N.STD:M/S SAACKE SIZE: 204562	6 NO.	31.10.2017					

4	TLMW62808818	HSS "EVOTEC" PROFILE ROUGHING CUTTER FOR FIR TREE GROOVE PROFILE FORM-14,CUT IV,GROUND, OUT OF MATERIAL PM30, WITH TIALIN OR SUITABLE COATING,Z=4 , RH CUTTING, RH HELIX, RAKE ANGLE=6DEG,WITH INTERNAL COOLANT,WITH ROUGHING THREAD, WITH SHANK SK50 DIN 2080, DIA:44.16/98X57.93/244 N.STD:M/S SAACKE OR EQVLT SIZE: 207913	8 NO.	31.10.2017
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DETAILED SPECIFICATIONS & SCOPE OF SUPPLY

A. MATERIAL CODE: TLMW62808931

- SEMI-FINISH PROFILE CUTTERS FOR FORM 10.3 ARE REQUIRED FOR MACHINING FIRTREE GROOVE ON L.P ROTOR FORGING MATERIAL 26NiCrMoV14-5 carbon-0.28%MAX, ON CNC HORIZONTAL BORER OF SPINDLE DIA 160MM , MAX SPINDLE SPEED-3000 RPM ,MAX POWER-60KW, WITH INDEXING FACILITY.
- REFER SKETCH N0-1 FOR FIRTREE GROOVE PROFILE FORM 10.3.
- SEMI-FINISH PROFILE CUTTER SHOULD LEAVE ONLY 0.3 TO 0.5mm MAXIMUM ALLOWANCE ALONG THE COMPLETE PROFILE OF REFERRED FORM 10.3 FOR FINISHING.
- VENDOR MUST SUBMIT COPIES OF DRAWING OF CUTTERS.
- IN CASE OF ORDER, DIMENSIONAL TEST REPORTS OF EACH CUTTER TO BE PROVIDED WITH SUPPLIED CUTTERS.
- CUTTER MATERIAL PM-30/HSS-CO PM (ASP60).
- FIRTREE CUTTERS SHOULD HAVE RH CUTTING & RH HELICAL FLUTES, INTEGRAL BT50 SHANK, CHIP BREAKER, INTERNAL COOLANT HOLES AND GROUND TIALN COATED / SUITABLE COATING.

B. MATERIAL CODE: TLMW62808940

- SEMI-FINISH PROFILE CUTTERS FOR FORM 17 ARE REQUIRED FOR MACHINING FIRTREE GROOVE ON L.P ROTOR FORGING MATERIAL 26NiCrMoV14-5 carbon-0.28%MAX, ON CNC HORIZONTAL BORER OF SPINDLE DIA 160MM , MAX SPINDLE SPEED-3000 RPM ,MAX POWER-60KW, WITH INDEXING FACILITY.
- REFER SKETCH N0-2 FOR FIRTREE GROOVE PROFILE FORM 17.
- SEMI-FINISH PROFILE CUTTER SHOULD LEAVE ONLY 0.3 TO 0.5mm MAXIMUM ALLOWANCE ALONG THE COMPLETE PROFILE OF REFERRED FORM 17 FOR FINISHING.
- VENDOR MUST SUBMIT COPIES OF DRAWING OF CUTTERS.
- IN CASE OF ORDER, DIMENSIONAL TEST REPORTS OF EACH CUTTER TO BE PROVIDED WITH SUPPLIED CUTTERS.
- CUTTER MATERIAL PM-30/HSS-CO PM (ASP60).
- FIRTREE CUTTERS SHOULD HAVE RH CUTTING & RH HELICAL FLUTES, INTEGRAL BT50 SHANK, CHIP BREAKER, INTERNAL COOLANT HOLES AND GROUND TIALN COATED / SUITABLE COATING.

C. MATERIAL CODE: TLMW62808680

1. FINISH PROFILE CUTTERS FOR FORM 14 ARE REQUIRED FOR MACHINING FIRTREE GROOVE ON L.P ROTOR FORGING MATERIAL 26NiCrMoV14-5 carbon-0.28%MAX, ON CNC HORIZONTAL BORER OF SPINDLE DIA 160MM , MAX SPINDLE SPEED-3000 RPM ,MAX POWER-60KW, WITH INDEXING FACILITY.
2. REFER SKETCH N0-03 FOR FIRTREE GROOVE PROFILE FORM 14.
3. VENDOR MUST SUBMIT COPIES OF DRAWING OF CUTTERS.
4. IN CASE OF ORDER, DIMENSIONAL TEST REPORTS OF EACH CUTTER TO BE PROVIDED WITH SUPPLIED CUTTERS.
5. CUTTER MATERIAL PM-30/HSS-CO PM (ASP60).
6. FIRTREE CUTTERS SHOULD HAVE RH CUTTING & RH HELICAL FLUTES, INTEGRAL SK50 (DIN 2080) SHANK, CHIP BREAKER, INTERNAL COOLANT HOLES AND GROUND TIALN COATED / SUITABLE COATING.

D. MATERIAL CODE: TLMW62808818

1. SEMI-FINISH PROFILE CUTTERS FOR FORM 14 ARE REQUIRED FOR MACHINING FIRTREE GROOVE ON L.P ROTOR FORGING MATERIAL 26NiCrMoV14-5 carbon-0.28%MAX, ON CNC HORIZONTAL BORER OF SPINDLE DIA 160MM , MAX SPINDLE SPEED-3000 RPM ,MAX POWER-60KW, WITH INDEXING FACILITY.
2. REFER SKETCH N0-03 FOR FIRTREE GROOVE PROFILE FORM 14.
3. SEMI-FINISH PROFILE CUTTER SHOULD LEAVE ONLY 0.3 TO 0.5mm MAXIMUM ALLOWANCE ALONG THE COMPLETE PROFILE OF REFERRED FORM 14 FOR FINISHING.
4. VENDOR MUST SUBMIT COPIES OF DRAWING OF CUTTERS.
5. IN CASE OF ORDER, DIMENSIONAL TEST REPORTS OF EACH CUTTER TO BE PROVIDED WITH SUPPLIED CUTTERS.
6. CUTTER MATERIAL PM-30/HSS-CO PM (ASP60).
7. FIRTREE CUTTERS SHOULD HAVE RH CUTTING & RH HELICAL FLUTES, INTEGRAL SK50 (DIN2080) SHANK, CHIP BREAKER, INTERNAL COOLANT HOLES AND GROUND TIALN COATED / SUITABLE COATING.

SPECIAL INSTRUCTIONS

1. PAYMENT SHALL BE RELEASED AFTER RECEIPT AND ACCEPTANCE OF MATERIAL AT BHEL HARIDWAR.
2. EQUIVALENTS FOR ALL THE ITEMS ARE ALSO ACCEPTABLE.
3. EARLY DELIVERY IS ALSO ACCEPTABLE.
4. VENDOR SHOULD QUOTE BEST POSSIBLE DELIVERY IN OFFER. DELIVERY IS NOT SACROSANCT.
5. THE TOTAL QUANTITY MAY UNDERGO CHANGE AT THE TIME OF ORDERING.
6. THE QUOTATION SHOULD BE VALID FOR A MINIMUM PERIOD OF 180 DAYS EFFECTIVE FROM THE DATE OF OPENING OF TENDER.
7. VENDOR TO QUOTE SEPARATELY FOR EACH MATERIAL CODE AS PER ITS DESCRIPTION TO SUIT OUR REQUIREMENT.
8. IF THE VENDOR DOES NOT CONFIRM ANY OF THE ABOVE SPECIAL INSTRUCTIONS, THEN THE SAME SHALL BE PRESUMED TO BE ACCEPTABLE/CONFIRMED.
9. **As you are all aware, India is under GST regime. In view of this, please provide your GST Registration number, HSN No., Clause number in which instant item falls, applicable rate of SGST, CGST and IGST and any other relevant information.**

Please submit your offer only for the above requirement subject to our **GENERAL INSTRUCTIONS AND STANDARD TERMS & CONDITIONS (GISTC: Version June-2017, Rev: 01)**. Please visit our site www.bhelhwr.co.in for General Instructions and Standard Terms & Conditions (GISTC) for Tender Enquiries. **All the bidders/vendors must ensure compliance of these GISTC.** GISTC can also be referred by login to B2B Portal for Registered Vendors.

The tender documents can be downloaded from our web site www.bhel.com or www.bhelhwr.co.in or www.tenders.gov.in.

After downloading the tender documents from the website, while submitting the tender as detailed in “Instruction to Bidders”, intending vendors must submit **Tender Fee of Rs. 2,000/- (Rupees two thousand only)** in the form of Pay Order / Demand Draft (drawn in favour of ‘BHEL HARIDWAR’) only. It may be noted that if hard copy of any tender document is required, then the same may be collected against copy of Pay Order / Demand Draft of requisite tender fee (while original to be submitted with Part-I). **However, if no hard copy of any tender document is required from BHEL, no tender fee is required to be submitted.**

Vendors must also remit the requisite **EMD (Earnest Money Deposit) of INR 1,50,000/- (INR one lakh and fifty thousand only)** in the form of Cash (as permissible under Income Tax Act – cash to be deposited in Cash section in BHEL and receipt of the same to be enclosed) / Pay Order / Demand draft (drawn in favour of ‘BHEL HARIDWAR’). In case of foreign bidders e-payment may also be accepted as EMD. **If EMD is not submitted along with the offer then the offer may be out rightly rejected.**

Please submit **separate drafts** for EMD and tender fee in an envelope super-scribed with bold letters “EMD & Tender Fee” to be submitted with Part-I.

As per notification reference no. NSIC/HO/GP/15(4)/2013-14 dated 07.07.2013 Micro & Small Enterprises (MSEs) are not required to submit EMD & Tender fees. A certificate issued from competent authority shall be submitted in support of Micro & Small Enterprises (MSEs).

Central / State – PSUs / Government departments are exempted from submission of EMD subject to approval by BHEL management.

Following vendors registered with BHEL-HEEP, Haridwar in PMD (Product Material Directory) TL103 are exempted from submission of EMD:

- 1. Vendor code M72159**
- 2. Vendor code M79103**

BHEL will forfeit the EMD if, the successful bidder / vendor refuses to honor the order after award of the same on him and / or withdraws his bid and / or unilaterally changes the offer and / or any of its terms & conditions within the validity period.

Tenders will be received in Tender Box kept in Tender Room and should be addressed to:

**THE HEAD OF MATERIAL MANAGEMENT,
Heavy Electrical Equipment Plant,
Bharat Heavy Electricals Limited,
HARIDWAR-249403 (Uttarakhand), INDIA.**

The date for opening of tender shall be 28.09.2017. Tenders will be received up to 1.45 P.M. on **28.09.2017** and opened on the same day at 2.00 P.M. in the Tender Room. **Please note that tender received after due date & time (1.45PM on 28.09.2017) will not be REPEAT will not be opened.** BHEL will not be responsible for any type of postal / courier delay.

Bids shall be opened at 2 PM on the due date in the presence of authorized representative of the bidders who may like to be present. The authorized representative should bring authority letter from their parent company (Manufacturer) for the specific tender no. attending the bid opening.

Amendments/Corrigendum, if any, will be hosted only on the websites mentioned above. Other terms and conditions will be as per tender documents.

Unregistered vendors may please visit our website www.bhel.com for filling-up Supplier Registration Form (SRF).

BHEL will not be responsible for any type of postal delay / incomplete information from vendor.

IN CASE YOU ARE NOT MAKING AN OFFER AGAINST THIS ENQUIRY, THEN PLEASE ARRANGE TO SEND A LETTER OF REGRET.

KINDLY READ “INSTRUCTIONS TO BIDDERS”. QUOTATION NOT IN ACCORDANCE WITH THE INSTRUCTIONS ARE LIABLE TO BE DISQUALIFIED AND IGNORED.

INSTRUCTIONS TO BIDDERS FOR OPEN TENDER

1.0 DEFINITION

Registered Vendors - Are those who are registered with BHEL, Haridwar for Megawatt rating/ Size/ Weight of tendered components in respective steel grade or machining of such components.

Un-registered Vendors - Are those who are not registered with BHEL, Haridwar for Megawatt rating/ Size/ Weight of tendered components in respective steel grade or machining of such components.

2.0 TECHNICAL QUALIFICATION

Enclosed format – **Annexure-2 & 3** (Pre-Qualifying Requirements/Conditions) to be submitted. **It is the mandatory requirement. Offer of vendors not meeting these requirements may not be considered.**

3.0 ESSENTIAL INSTRUCTIONS

1. Un-registered vendors may be approved by BHEL, if found suitable, on the basis of data furnished by them in Supplier Registration Form (SRF) for Foreign Vendors or Indigenous Vendors (as applicable). Vendor Registration Form shall be filled only by unregistered vendors on our website www.bhel.com.
2. BHEL team may visit the vendor(s) works for verification of capability and capacity claimed in tender documents/offer(s).
3. The tender shall be **submitted in three parts** in separate envelopes as described below on or before the due date:

i. Part I - Envelope I

A. Tender Fee & EMD (Earnest Money Deposit) enclosed in sub-envelope (a)

Or

Valid certificate/Document towards exemption of Tender fee and/or EMD (applicable for Micro and small Enterprises, Central / State – PSUs / Government departments, PMD vendors etc.)

B. Pre-Qualifying Requirements/Conditions (PQRs) – Annex. 2 & 3 enclosed in sub-envelope (b)

C. NDA (Non-Disclosure and Proprietary Information Agreement) – Annex. 4 enclosed in sub-envelope (c)

- ii. **Part II - Envelop II - Techno -Commercial Bid** – It should be the copy of Price Bid without the price part

iii. Part III - Envelop III - Price Bid

Note: All the individual envelopes should indicate Tender no. and date of opening of Part-I.

All three envelopes [Envelope I (containing sub-envelopes a, b & c), Envelope II & Envelope III] to be put in a single covering envelope indicating tender no., due date and the name of vendor (with address, e-mail id & contact details). Offer should be complete in all respect (i.e. Part-I, Part- II & Part-III).

4. Part-I will be opened on the date and time specified in the tender notice in the presence of those vendors who wish to attend.
5. Part-II (Techno-Commercial) bid will be opened of those vendors who successfully qualify the PQRs.
6. Part – III (Price Bids) along with supplementary price bids, if necessary, will be opened at a later date of only those bidders whose techno-commercial bid will be found acceptable.
7. Currency exchange rate will be applicable on the date of opening of Part-I for evaluation purpose.
8. Depending upon the delivery suitability, BHEL reserves the right to split order on more than one vendor.
9. Foreign and Indigenous bidders against open tender will necessarily have to obtain class – III DSCs. Procedure for application available on www.bhel.com.
10. **Please submit your offer only for the above requirement subject to our GENERAL INSTRUCTIONS AND STANDARD TERMS & CONDITIONS (GISTC: Version June-2017, Rev: 01). Please visit our site www.bhelhwr.co.in for General Instructions and Standard Terms & Conditions (GISTC) for Tender Enquiries. All the bidders/vendors must ensure compliance of these GISTC. GISTC can also be referred by login to B2B Portal for Registered Vendors.**

REFERENCES:

Annexure-1 (Format for CA Certificate - Applicable for MSE vendors)

Annexure-2 (PQRs for item codes TLMW62808931, TLMW62808940 & TLMW62808818)

Annexure-3 (PQRs for item code TLMW62808680)

Annexure-4 (NDA: Non-Disclosure and Proprietary Information Agreement)

Relevant Drawings (Sketch No. 1, 2 & 3)

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 the Books of Accounts that the investment of the company as on
date..... 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

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.

Date:

(Signature)

Name -

Membership number -

Seal of Chartered Accountant



Enquiry No. : L/6432/2016/2903D/2

QUALIFYING CONDITIONS FOR SIEMENS FIRTREE GROOVE FORM 10.3, 17, 14**MATERIAL CODES: TLMW62808931, TLMW62808940 & TLMW62808818**

Sl. No.	PQR conditions :	Requirement
R1	Only those tool manufacturers or authorized dealer/distributor of Original Equipment manufacturers, should quote who have manufactured and supplied semi-finish /finish full form firtree cutter for firtree groove profile of any SIEMENS form 10.3/14/17 /20S having following features: a) Cutter material PM-HSS b) Internal coolant holes c) Helical Flutes d) Integral BT50 /SK50 /ISO50 shank Authorization certificate from Original Equipment Manufacturer to be furnished by the authorized dealer/distributor with the offer.	Vendor to Confirm & provide full details.
R2	Above referred cutter should have been established/ performing satisfactorily for semi-finish/finish profile machining of Firtree Groove for any SIEMENS form 10.3/14/17/20S along curved path on Steam Turbine Rotor with satisfactory performance within last 10 years (w.e.f. date of opening of tender).	Vendor to confirm
R3	Vendors are required to send the information as per table given below with the offer:	
	1. Name & address of the customer company where referred cutters are in use.	Vendor to inform
	2. Application for which the cutter are in use i.e. type of rotor.	Vendor to inform
	3. Year of supply of cutters.	Vendor to inform
	4. Phone, e-mail address of the company.	Vendor to inform
R4	Vendors are required to submit with the offer, performance certificate issued by customer company regarding successful establishment/ satisfactory performance of referred cutters, supplied to them (Original Certificate or Through E-mail directly from the customer) along with the above information. Original certificate may be returned, if required, after verification.	Vendor to submit
R5	BHEL reserves the right to verify information submitted by vendor. In case the information is found to be false/incorrect, the offer shall be rejected.	Vendor to accept & confirm.

Enquiry No. : L/6432/2016/2903D/2

QUALIFYING CONDITIONS FOR SIEMENS FIRTREE GROOVE FORM 14**MATERIAL CODE: TLMW62808680**

Sl. No.	PQR conditions :	Requirement
R1	Only those tool manufacturers or authorized dealer/distributor of Original Equipment manufacturers, should quote who have manufactured and supplied finish full form firtree cutter for firtree groove profile of any SIEMENS form 10.3/14/17 /20S having following features: a) Cutter material PM-HSS b) Internal coolant holes c) Helical Flutes d) Integral BT50 /SK50 /ISO50 shank Authorization certificate from Original Equipment Manufacturer to be furnished by the authorized dealer/distributor with the offer.	Vendor to Confirm & provide full details.
R2	Above referred cutter should have been established/performing satisfactorily for finish profile machining of Firtree Groove for any SIEMENS form 10.3/14/17/20S along curved path on Steam Turbine Rotor with satisfactory performance within last 10 years (w.e.f. date of opening of tender).	Vendor to confirm
R3	Vendors are required to send the information as per table given below with the offer:	
	1. Name & address of the customer company where referred cutters are in use.	Vendor to inform
	2. Application for which the cutter are in use i.e. type of rotor.	Vendor to inform
	3. Year of supply of cutters.	Vendor to inform
	4. Phone, e-mail address of the company.	Vendor to inform
R4	Vendors are required to submit with the offer, performance certificate issued by customer company regarding successful establishment/ satisfactory performance of referred cutters, supplied to them (Original Certificate or Through E-mail directly from the customer) along with the above information. Original certificate may be returned, if required, after verification.	Vendor to submit
R5	BHEL reserves the right to verify information submitted by vendor. In case the information is found to be false/incorrect, the offer shall be rejected.	Vendor to accept & confirm.

NON-DISCLOSURE AND PROPRIETARY INFORMATION AGREEMENT

BETWEEN

_____(Name of the Vendor),, having its registered offices in
_____(Address of Vendor), registered under the no. _____
of the Companies' register of _____(Name of Place and Country),
capital stock of _____(Value), with a place of business in
_____(Name of Place and Country) (hereinafter referred to as
"_____(Name of Vendor)");

AND

Bharat Heavy Electricals Ltd a company incorporated under the Indian Companies Act 1956 having its registered offices at BHEL House, Siri Fort, New Delhi -110 049 and having one of its works at Heavy Electrical Equipment Plant, Ranipur, Haridwar-249403 (Uttarakhand), India registered under the No. 4281 of 1964-65 of the companies register of Delhi, capital stock of Rs 4895.2 million with a place of registered office in New Delhi (hereinafter referred to as “BHEL”) hereinafter also referred to individually as “the Party” or collectively as “the Parties”.

BACKGROUND

This Agreement sets forth the rights and obligations of the Parties with respect to the use, handling, protection and safeguarding of Proprietary Information that is disclosed by and between the Parties.

WHEREAS

A) the Parties wish to pursue exploratory discussions concerning a possible collaboration between them in relation to the Program defined in Exhibit 1;

B) during the ensuing discussions and negotiations it may occur that either Party discloses to the other technical, financial or business information of a proprietary or confidential nature, which the Parties intend to protect against, making it available, by any means to any third person, and other unauthorized use and/or further disclosure by the recipient, in accordance with the terms and conditions set forth herein;

NOW, THEREFORE, the Parties have agreed as follows:

1. The term “Proprietary Information” shall mean any information or data of whatsoever kind of a confidential or proprietary nature, including but not limited to, commercial information, know how and technical information in the form of designs, drawings, concepts, requirements, specifications, software, interfaces, components, processes, or the like, that have been or will be disclosed by either Party to the other pursuant to this Agreement, either in writing, orally or other form, which is designated as “Proprietary” or “Confidential” by the disclosing Party by means of formal declaration or an appropriate stamp, legend or any other written or orally notice .
2. Proprietary Information may be conveyed, without limitation, through any written or printed documents, samples, models, electronic form on disk, tape, other storage media or any other means of disclosing such Proprietary Information that either Party may elect to use during the life of this Agreement, but if an originating Party originally discloses information orally or visually, the receiving Party will protect such information as Proprietary Information to the extent that the originating Party :
 - identifies the Information as Proprietary at the time of original disclosure,
 - summarizes the Proprietary Information in writing .

Information stored in electronic form on disk, tape, other storage media will be adequately marked if a proprietary legend displays when the information originally runs on a computer system and when the information is printed from its data file.

Proprietary Information also includes any information which can be obtained by examination, testing or analysis of any hardware or material substance or any component part of such hardware or material substance provided by the Disclosing Party even though the requirements in Clause 1 for marking and designation have not been fulfilled.

3. Each Party, to the extent of its rights to do so, shall disclose to the other only the Proprietary Information which the disclosing Party deems appropriate to fulfil the objectives of this Agreement. The Parties hereby represent that the disclosure of Proprietary Information by and between themselves shall be made in compliance with, and subject to the laws and regulations of the Disclosing Party's country.
4. The receiving Party hereby agrees and covenants that, from the effective date of this Agreement until the expiry date as per article 11 and the following period as per article 12, the Proprietary Information that either Party receives from the other shall:
 - a) be protected and kept in strict confidence by the receiving Party which must use the same degree of care it uses to protect its own confidential information and in no case less than a reasonable care;
 - b) be only disclosed to and used by those persons within the receiving Party's organization or that of its parent or controlled companies who have a need to know and solely for the purposes specified in this Agreement, and be treated by such persons or entities with the same degree of care and subject to the same restrictions;
 - c) to procure that each third party to whom Proprietary Information is disclosed under this Agreement is made aware of the provisions of this Agreement prior to such disclosure to it and that each such third party is

bound by obligations of confidentiality which are no less onerous than those contained in this Agreement;

- d) neither be disclosed nor caused to be disclosed or made available, either directly or indirectly, to any third Party or persons other than those mentioned in subparagraph b) above or other persons upon which both of the contractual Parties shall agree in an amendment to this Agreement;
- e) not to copy, reproduce or reduce to writing any part of such Proprietary Information except as may be reasonably necessary for the purpose referred to in the Recitals of this Agreement

PROVIDED THAT the Receiving Party shall be entitled to make any disclosure required by court order or government or regulatory requirement of the Disclosing Party's Proprietary Information subject to notifying the Disclosing Party as soon as possible of such requirement

- 5. Any Proprietary Information and copies thereof disclosed by either Party to the other shall remain the property of the disclosing Party and shall be immediately returned or destroyed by the receiving Party upon request.
- 6. The receiving Party shall have no obligations or restrictions with respect to any Proprietary Information for which the receiving Party can prove that:
 - a) is in or which comes into the public domain otherwise than as a result of a breach of this Agreement by any person to whom a disclosure of Proprietary Information is made as permitted under this Agreement or of any other duty of confidentiality relating to the Proprietary Information of which the Receiving Party has knowledge; or
 - b) it has been in its possession without restriction at the time of the disclosure, as evidenced by written documentation in its files; or
 - c) it has been lawfully received from a third Party without breach of this Agreement; or

- d) it has been or is published without violation of this Agreement; or
 - e) it has been independently developed in good faith by employees of the receiving Party who did not have access to the Proprietary Information; or
 - f) it has not been properly declared, designated or confirmed as Proprietary or Confidential; or
 - g) the protection period has expired according to articles 11 and 12 of this Agreement.
7. With respect to any exchange of Proprietary Information which may occur as a result of this Agreement, it is expressly understood and agreed that the persons listed in Exhibit 2 shall, on behalf of the respective Parties, be the exclusive individuals authorized to receive from and transmit to the other Party Proprietary Information under this Agreement. Each Party may replace at any time its respective authorized individuals identified in such Exhibit 2, within its own organization. Any such new designation by a Party shall be made by written notice to the other at the address indicated in such Exhibit 2.
8. Any Proprietary Information which is identified as “Classified Information”, or whose export is subject to an export license, shall be identified as such by the disclosing Party at the time of disclosure and the disclosure, protection, use and handling thereof, shall remain subject to the security procedures and restrictions imposed by the disclosing Party's Government.
9. The disclosure of Proprietary Information under this Agreement by either Party to the other shall not be construed as granting to the receiving Party any right, whether express or implied by licence or otherwise, on the matters, inventions or discoveries to which such information pertains, or as granting any trademark, patents, copyrights, trade secret right or other form of intellectual property right.

10. Nothing in this Agreement may be construed as an obligation of either Party to disclose any Proprietary Information to the other, or to enter into any subsequent contractual relationship with such other Party.
11. This Agreement covers the exchange of Proprietary Information which may be made by either Party to the other until ten years from signing of the agreement or any extension thereto which may be agreed upon by the Parties in writing. Proprietary information relevant to the Program detailed in Exhibit 1, already made available to the other contractual Party before the effective date, shall also be protected under this Agreement.

It is understood by the parties that, prior to disclosure, the Disclosing Party shall have obtained any government authorisation needed for the export of the Proprietary Information

12. The expiry of the period contemplated in Article 11 of this Agreement shall not relieve the receiving Party from complying with the obligations imposed by Article 4 here above with respect to the use and protection of the Proprietary Information, received prior the date of such expiry, for a period of ten (10) years after such expiry.
13. The Parties are independent contractors. Each will bear all costs and expenses in connection with this Agreement. This Agreement is intended to facilitate only the exchange of Proprietary Information and is not intended to be, and shall not be construed to create a teaming agreement, joint venture, association, partnership, or other business organisation or agency arrangement and no Party shall have the authority to bind the other without the other Party's separate prior written agreement .
14. This Agreement shall be governed by and shall be interpreted in accordance with the substantive Indian laws. Irrespective of the foregoing each Party shall remain

bound by the provisions of its own national laws and regulations with respect to the transfer or use of Classified Information or information whose export is subject to an export license.

15. All disputes among the Parties, in connection with or arising out of the existence, validity, construction, performance and termination of this Agreement (or any terms thereof), which the Parties are unable to resolve among themselves, shall be finally settled by an Arbitration. The Arbitration shall be held in Haridwar (India), in English language, in accordance with the rules laid down in the arbitration and reconciliation act of India.
16. The foregoing constitutes the entire Agreement among the Parties with respect to the subject matter hereof and supersedes and cancels all prior representations, negotiations, commitments, undertakings, communications, either oral or written, acceptances, understandings and agreements among the Parties with respect to or in connection with any of the matters to which such Agreement applies or refers.
17. Notices to _____(**Name of Vendor**) shall be made at the following address:

(Complete Address of Vendor)

Attention: Mr. _____(**Name of the Authorised Person of Vendor**)

Notices to BHEL shall be made at the following address:

BHARAT HEAVY ELECTRICALS LIMITED,
HEAVY ELECTRICAL EQUIPMENT PLANT,
Ranipur, Haridwar-249403 (Uttarakhand), India

Attention: _____(**Name of the PPX Incharge**)

18. The effective date of this Agreement shall be the date of the last signature appearing herein.

IN WITNESS WHEREOF, each of the Parties has caused this Agreement, to be executed by its duly authorized officer.

Date :

Signed for and on behalf of

Signed for and on behalf of

(Name of Vendor)

BHEL

By:

By:

Title:

Title:

Signature:

Signature:

EXHIBIT 1

to the

NON-DISCLOSURE AGREEMENT

between

_____ **(Name of Vendor)**

and

BHARAT HEAVY ELECTRICALS LIMITED

dated:

The Non Disclosure Agreement covers the exchange of Proprietary Information which may occur during the discussions and negotiations in view of a possible cooperation between the Parties in the following programs:

-Description of Material or Services for which the order is placed

_____ **(Name of Vendor)** list of products that require an exchange of Proprietary Information which may be occur during the discussions and negotiations in view of a possible cooperation for the above programs :

EXHIBIT 2

to the

NON-DISCLOSURE AGREEMENT

between

_____ **(Name of Vendor)**

and

Bharat Heavy Electricals Ltd.

dated:

Personnel of the Parties authorized to receive and/or transmit Proprietary Information
under this Agreement:

For **(Name of Vendor)**

(Name of Person)

Tel.

Fax

Address.

For Bharat Heavy Electricals Ltd.

Mr.

Tel. 01334

Fax 01334

Address. Main Administration Building

BHEL, HEEP, Haridwar

India

Mr.

Tel. 01334

Fax 01334

Address. Main Administration Building

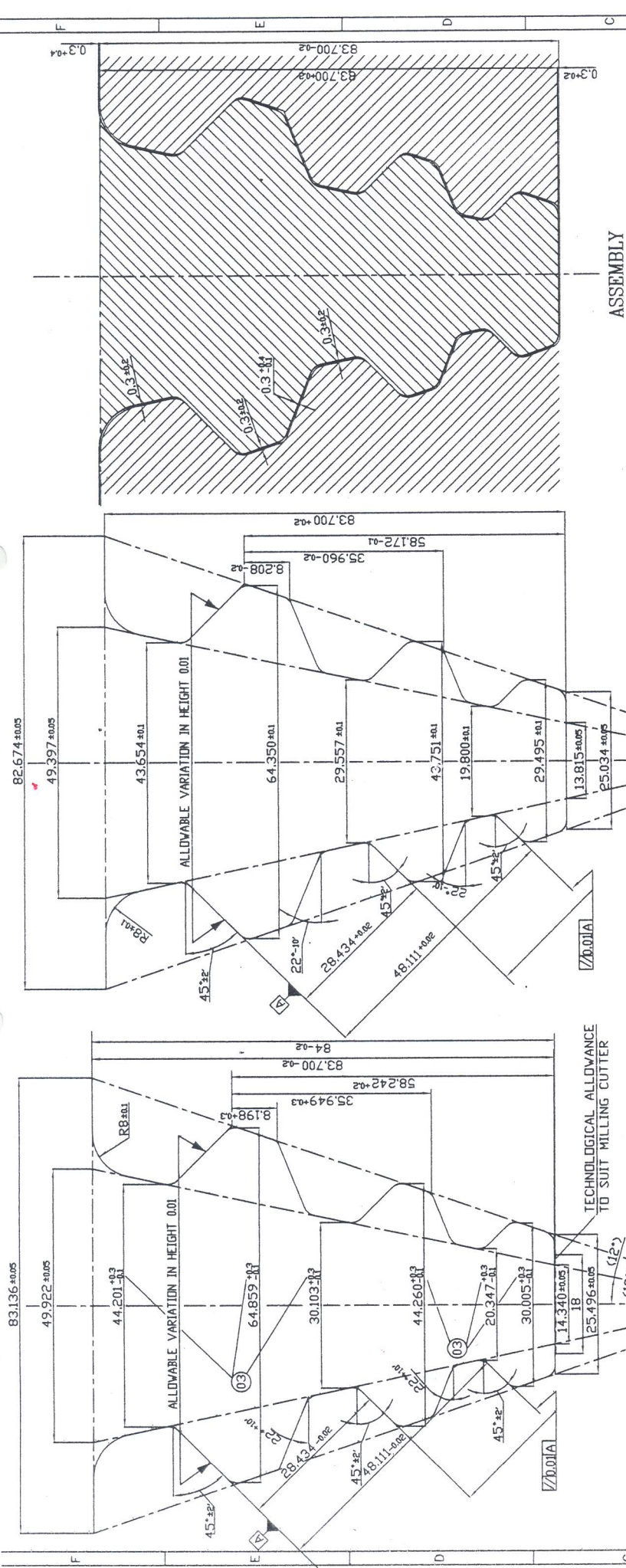
BHEL, HEEP, Haridwar

India

Tel.

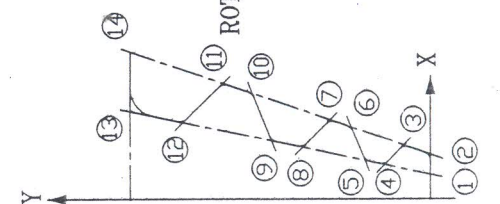
Fax

Address.



NETWORK COORDINATES

POINT	ROTOR GROOVE		BLADE ROOT	
	X	Y	X	Y
1	7.170	0	6.908	0
2	12.748	0	12.517	0
3	15.375	7.629	15.120	7.560
4	9.946	13.058	9.673	13.008
5	11.108	18.529	10.827	18.440
6	20.424	22.292	20.165	22.213
7	22.503	28.330	22.248	28.261
8	14.824	36.008	14.551	35.959
9	16.664	44.664	16.382	44.575
10	29.979	50.043	29.721	49.964
11	32.802	58.242	32.547	58.172
12	21.873	69.171	21.600	69.120
13	24.961	83.700	24.699	83.700
14	41.568	83.700	41.337	83.700



TECHNICAL REQUIREMENTS:

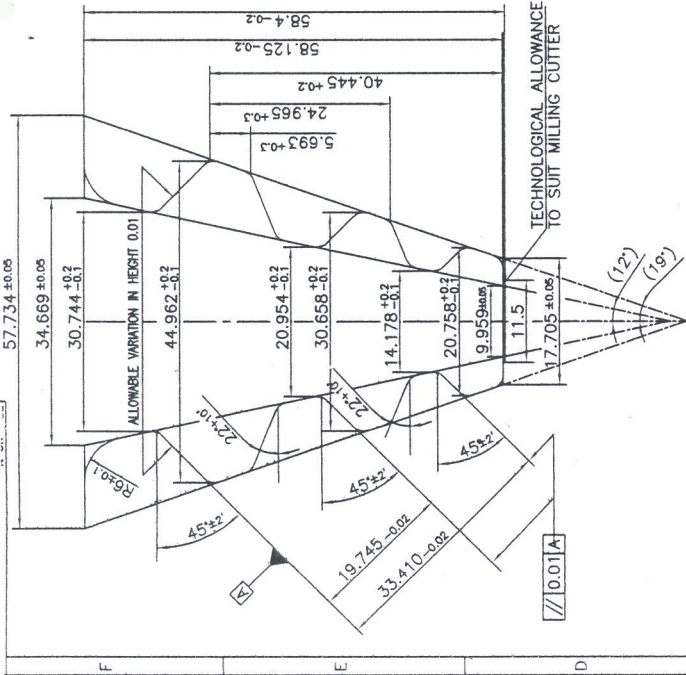
- 1. ALL UNDIMENSIONED RADII ARE TO BE R2.5±0.1
- 2. TOLERANCE FOR NETWORK COORDINATES ±0.01

SUPERSEDES OLD DRAWING UNDER THE SAME NUMBER

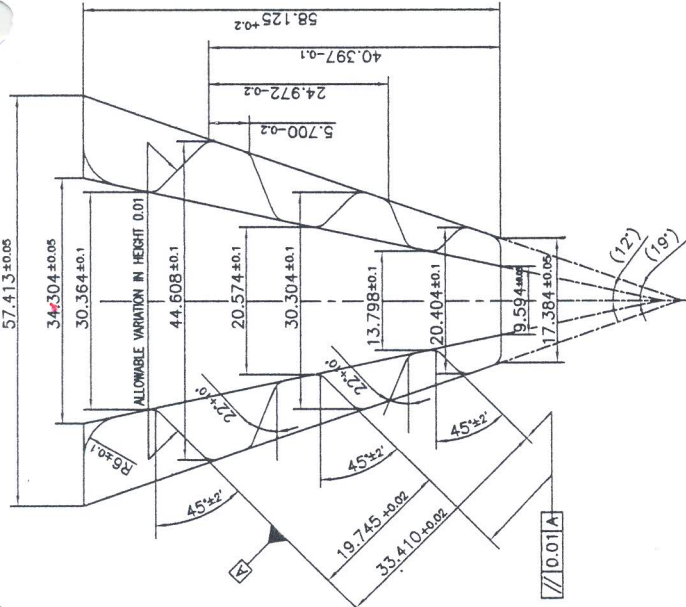
FORM 17

SKETCH NO.2
MATERIAL CODE: TLMW 62808940
(INVENT NO. 20162903)

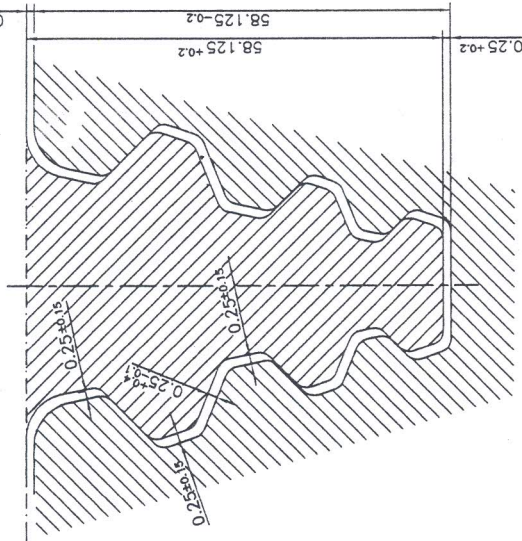
TITLE: ROOT AND GROOVE PROFILE FOR MOVING BLADE



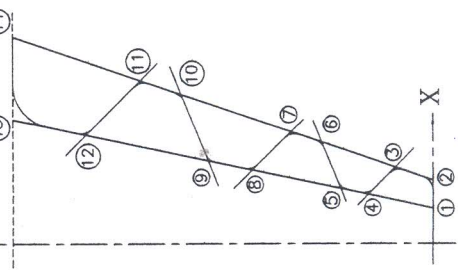
ROTOR GROOVE



BLADE ROOT



ASSEMBLY



NETWORK COORDINATES

POINTS	ROTOR GROOVE		BLADE ROOT	
	X	Y	X	Y
1	4.979	0	4.797	0
2	8.853	0	8.693	0
3	10.677	5.298	10.500	5.250
4	6.907	9.068	6.717	9.033
5	7.715	12.867	7.518	12.806
6	14.183	15.480	14.004	15.425
7	15.627	19.673	15.450	19.625
8	10.295	25.006	10.105	24.971
9	11.572	31.016	11.377	30.955
10	20.819	34.752	20.639	34.697
11	22.779	40.445	22.602	40.397
12	15.190	48.035	15.000	48.000
13	17.334	58.125	17.152	58.125
14	28.867	58.125	28.706	58.125

TECHNICAL REQUIREMENTS:

1. ALL UNDIMENSIONED RADII ARE TO BE R2 ±0.1
2. TOLERANCE FOR NETWORK COORDINATES ±0.01.

FORM 14

SKETCH NO. 03
MATERIAL CODE: TLMW 62808680 f
TLMW 62808818.
(INDENT NO. 20163613)

TITLE : ROOT AND GROOVE
PROFILE FOR MOVING BLADE

REV	DATE	ALTERED	CHECKED	REV	DATE	ALTERED	CHECKED	REV	DATE	ALTERED	CHECKED