BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India undertaking)

Heavy Plates & Vassal Plant (HPVP),

Visakhapatnam – 530012, INDIA

Notice Inviting EXPRESSION OF INTEREST (EOI) for Empanelment of vendors for Design, Manufacturing, Integration, supply, commissioning of "FIN FORMING MACHINE"

NIT Notification Number: HPVP/FIN FORMING MACHINE/2026/01

LETTER OF INVITATION

Heavy Plates & Vessels Plant (HPVP), Bharat Heavy Electricals Limited (BHEL), Visakhapatnam (India), invites Expression of Interest proposals from prospective Indian manufacturers are capable of **Design, manufacturing, integration, supply, commissioning** of ***"Fin Forming Machine"*** and are willing to associate with Bharat Heavy Electricals Limited (BHEL) – HPVP, Visakhapatnam.

The complete assembly of the Fin Forming Machine includes:

- De-coiler- for unwrapping of foil
- Foil tensioning unit
- Fin Press
- Fin cutting unit
- Fin stacking unit

The EOI includes the following documents:

Section 1 - Disclaimer

Section 2 - Schedule of EOI process and contact details

Section 3 –Details of EOI

Section 4 – Pre-Qualification Criteria

Section 5 – Details of documents to be submitted along with EOI proposal

Interested agencies shall submit their proposal along with a covering letter and supporting documents/ information as per Section-5 in soft copies addressed to the email IDs indicated in the contact details (Section-2: B) on or before the due date of Submission.

INDEX

SECTION-1

DISCLAIMER

1. The information contained in this Expression of Interest (EOI) document is provided to the Applicant(s), by or on behalf of Bharat Heavy Electricals Limited (BHEL) or any of its employees or advisors, on the terms and conditions set out in this EOI document and all other terms and conditions subject to which such information is provided. All information contained in this EOI provided are in good Interest and faith.
2. The purpose of this EOI document is to provide the Applicant(s) with information to assist the formulation of their Proposals. This EOI document does not purport to contain all the information each Applicant may require. This EOI document may not be appropriate for all persons, and it is not possible for BHEL, its employees or advisors to consider the business/investment objectives, financial situation and particular needs of each Applicant who reads or uses this EOI document. Each Applicant should conduct their own investigations and analysis and should check the accuracy, reliability and completeness of the information in this EOI document and wherever necessary obtain independent advice from appropriate sources.
3. BHEL, its employees or advisors make no representation or warranty and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of the EOI document.
4. BHEL, in its absolute discretion, but without being under any obligation to do so, may modify, amend or supplement the information in this EOI document.
5. An applicant means a Business Entity or Proprietor firm that has sufficient experience in accordance with the Conditions of Eligibility as detailed in this EOI.
6. The issue of this EOI does not imply that BHEL is bound to select and shortlist Applicants for next stage or to enter into any tie-up agreement(s) with any applicant(s).
7. BHEL reserves all right to reject any applications submitted in response to this EOI document at any stage without assigning any reasons thereof. BHEL also reserves the right to withhold or withdraw the process at any stage.
8. The respondent shall bear all costs associated with the preparation, technical discussion/presentation and submission of the proposal, postages, delivery fees, any expenses associated with any demonstrations or presentations which may be required by BHEL or any other costs incurred in connection with or relating to its application against this EOI. BHEL, in no case, shall be responsible or liable for these costs regardless of the conduct or outcome of the EOI process.
9. Neither BHEL nor its employees and associates will have any liability, any loss, expense or damage which may arise from or be incurred or suffered in connection with anything contained in this EOI document or any matter deemed to form part of this EOI document, the information and any other information supplied by or on behalf of BHEL
10. Canvassing in any form by the respondent or by any other agency on their behalf may lead to the disqualification of their EOI.

SECTION-2

SCHEDULE OF EOI PROCESS & CONTACT DETAILS

A. SCHEDULE OF EOI PROCESS

The schedule of events during the Bidding Process shall be as follows -

Sl. No.	Event Description	Date
1	Issue of EOI document	18.06.2026
2	Due date for raising Pre-bid queries on EOI specification	25.06.2025
3	Due date for Submission of EOI proposal	09.07.2026

B. CONTACT DETAILS:

All the correspondences and Proposal for Expression of Interest shall be addressed to the following officials:

To, Ch Ram Babu/ Manager- DABG Heavy Plates & Vessel Plant (HPVP) Bharat Heavy Electricals Limited (BHEL) Vishakhapatnam – 530012 TEL +91-0891-288-1197/ Cell: +91 9502051475 e Mail: crambabu@bhel.in	**CC:** Ashish kumar / Durga Sharan Baraik Heavy Plates & Vessel Plant (HPVP) Bharat Heavy Electricals Limited (BHEL) Vishakhapatnam – 530012 TEL +91-0891-288-1301/1305 Cell: +91 9848885135 E Mails: ashishkmr@bhel.in dsbaraik@bhel.in

C. OFFER SUBMISSION:

Offers complete in all respect shall be sent by e-mail - only to technicalbid-hpvp@bhel.in by Mentioning the EOI Reference No and title.
Last date for receipt of tenders is 09.07.2026 up to 14.00 hrs.
BHEL-HPVP is not responsible for any delays in submission of offers.
Notes:

i) While sending tender documents thru email, EOI Reference No. is to be written as subject
ii) Please do not mark any CC / BCC in email address. If done so, the system will not receive the offer and liable for rejection. However, after submission of offers, intimation mail can be furnished separately to tenderer.
iii) Attachment size shall be limited to 20 MB only. Bidder can submit their offer in multiple emails within the due date by splitting the attachments if more than 20 MB.

SECTION – 3

DETAILS OF EXPRESSION OF INTREST (EOI)

3.1 ABOUT BHEL

Bharat Heavy Electricals Limited (BHEL) **(www.bhel.com),** having its registered office at "BHEL House, Siri Fort, New Delhi – 110049 (India)", is a Government of India Undertaking, established in 1964. BHEL is an integrated power plant equipment manufacturer and one of the largest Engineering and Manufacturing companies of its kind in India. The company is engaged in the Design, Engineering, Manufacturing, Construction, Testing, Commissioning and servicing of a wide range of products and services for core sectors of the economy, viz. Power, Transmission, Industry, Transportation (Railways), Renewable Energy, Oil & Gas, Water and Defence with over 180 products offerings to meet the needs of these sectors. BHEL has been the bedrock of India's Heavy Electrical Equipment industry.

BHEL has a widespread network of 16 Manufacturing Divisions, 2 Repair Units, 4 Regional Offices, 9 Service Centres, 6 Overseas Offices, 6 Joint Ventures, 15 Regional Marketing Centres and current project execution at more than 150 project sites across India and abroad corroborates the humungous scale and size of its operations.

Adding to its achievements, BHEL has joined the elite club of select global giants having an installed base of over 197 GW of power-generating equipment globally. BHEL also has a widespread overseas footprint in 90 countries with cumulative overseas installed capacity of BHEL manufactured power plants nearing 11 GW.

BHEL has technology tie-ups and TCA with leading companies in the world including M/s Vogt Power International Inc., USA (VPI), for Heat Recovery Steam Generators (HRSG).
The quality & reliability of BHEL products at par with other Global players and adheres to international standards.

3.2 Heavy Plates & Vessels Plant (HPVP), BHEL Vishakhapatnam.

The Heavy Plates and Vessels Plant (HPVP) in Visakhapatnam is the 16th manufacturing unit of BHEL. It specializes in the heavy fabrication of process equipment, cryogenics, and compact heat exchangers for core industries like oil refineries, fertilizers, defence, and power sectors.
HPVP, BHEL Visakhapatnam, is involved in Design, Fabrication, Testing and Supply of Compact Plate and Fin Type Heat Exchangers for Defence applications. BHE-HPVP is executing orders for supply of Systems for aerospace applications.

3.3 Objective of EOI:

This Expression of Interest (EOI) seeks responses from prospective Indian vendors/ agencies who are capable of

a) **Design, manufacturing, integration, supply, commissioning** of ***"Fin Forming Machine"*** **and tools**

The complete assembly of the Fin Forming Machine includes:

- De-Coiler for unwrapping of foil.
- Foil tensioning unit
- Fin Press
- Fin cutting unit
- Fin stacking unit

3.4 Broad Scope of Work

The broad scope of work includes:

Design, manufacturing, integration, supply, commissioning of ***"Fin Forming Machine"***.

Brief details of Fin Forming Machine and required fin parameters — are provided in specification **Annexure-1**.

BHEL presently intends to **empanel suitable Indian vendors** for development of the Fin Forming Machine based on the responses received.

Interested parties with prior experience in **Design, manufacturing, integration, supply, commissioning** of ***"Fin Forming Machine"*** are requested to **submit their response along with required documents (Annexure-3)** by **09.07.2026**.

3.5. Technical Requirements

i) Design, manufacturing, integration, supply, commissioning of *"Fin Forming Machine"*.

ii) Design, supply and prove-out of fin forming tools required.

3. 6 Desired Competencies / Experience

Prospective vendors should have experience in following area:

1. **Design, manufacturing, integration, supply, commissioning** of ***"Fin Forming Machine"***.

4.0 Pre-qualification criteria

The following qualification criteria is to be met by the respondents of this EOI:

- Prior experience in **Design, manufacturing, integration, supply, commissioning** of ***"Fin Forming Machine"***.

	Pre-qualification criteria checklist	• **EOI for Design, manufacturing, integration, supply, commissioning** of ***"Fin Forming Machine"***.		
Sl no	**Item description**	**Documentary evidence**	**Vendor confirmation (Yes/NO)**	**Remarks**
1	Vendor shall be an Original Equipment Manufacturer (OEM) / designer of Fin Forming Machines.	Submit at least 3 nos. unpriced PO copies and quality and inspection documents as proof of documents during last 3 years.		
2	Vendor shall be either on its own or along with its consortium partner(s) should have Designed, supplied, delivered, commissioned Fin Forming Machines. He should have an experience of at least 7 years.	Submit an unpriced PO copy of at least 7 years old and quality and inspection documents as proof of documents		
3	Vendor shall submit turnover details for last 3 years which shall be used for assessing vendor's current financial status.	Auditors Report of Balance sheet, Profit & Loss for last 3 years		
4	Manufacturing, assembly and inspection Facilities	List of facilities with their photographs (self-certified)		
5	Technically qualified vendors will be shortlisted for sending a detailed enquiry with NIT terms and conditions, along with detailed specifications after entering into a Non-disclosure agreement (NDA) with BHEL.	Confirmation		
6	If any information given by the bidder is found to be incorrect at a later stage, BHEL reserves the right to reject the bid submitted by the bidder / cancel the award of the order.			
Company Seal:		Authorised Signatory		
		Name & Designation:		

5.0 Documents to be submitted

A. List of documents to be submitted along with proposal:

Prospective vendor should submit following documents along with their EOI Proposal.

Sl. No.	Requirement Description	Vendor Confirmation (Yes/No)	Supporting Document / Remarks
1	Filled in PQC checklist as per clause 4.0		
2	Organisational Information		Documents to be submitted i. Brief profile of the organization ii. Product profile/ Brochure/Catalogue etc. iii. Proven track record – List of customers to whom Brazing furnace supplied earlier, along with PO copies. iv. Technical documentation – List of facilities, D&B reports/Auditors reports v. Manpower resources vi. Quality system
3	Registration particulars		If registered with any of the BHEL Units.
4	Manufacturing Facilities		a. List of Manufacturing Facilities/ Equipment for fabrication available with the vendor. If In-house facilities are not available, vendor details/source of the same to be provided. b. List of Manufacturing Facilities/ Equipment for Designing customized electronics and electrical items available with the vendor. If In-house facilities are not available, vendor details/source of the same to be provided. c. List of vendor details/source for wiring of electrical controls, transformers, controls, command logic circuits, proximity switches, cables, gear drive unit, motors etc. d. List of facility for integration & testing of similar furnaces as per BHEL requirement
5	Inspection and Testing facilities.		List of Inspection & Testing /lab facilities / Equipment available. Details for trained/qualified personnel details for inspection and testing.

6	Experience related to design and supply of aluminium vacuum brazing furnaces.		List of PO copies along with customer details. Photographs of the supplied aluminium vacuum brazing furnaces with model and customer whom supplied.
7	Financial information		Details of Audited Balance sheet, P&L Statement, Auditor reports in last 3 financial years ending with March 2025. In case Financial statement of latest year are under audit, un audited reports may be submitted along with audited reports for last 3 completed years.
7	ISO 9001 or equivalent Quality System Certification		Valid certificate
8.	Quality Management System		Valid Certificates - Whether Supplier ISO 14000, OHSAS – 18000 Certified.
8	Willingness to sign BHEL's Non-Disclosure Agreement (NDA)		Confirmation required
9	Acceptance of EOI Proposal		Signed and stamped copy of EOI Specification No:

Annexure-1

SPECIFICATION AND PARAMETER

Sl. No.	Specification	REMARKS
1	**Fin foil Material:**	
	Aluminium (AA 3003-O), Stainless steel (SS 347)	
2	**De-coiler:**	
a)	Aluminium & SS foils are available with foils rolled on the core of ID: 310±10mm	
b)	The foil should be freely unwrap from the unit	
3	**Foil tensioning unit**	
a)	The fin foil should be provided with sufficient tension before the foil is entering into the fin press	
4	**Fin press**	
a)	The fin press should be designed to form the fins of dimensions required as per **Annexure-2**	
5	**Fin cutting unit**	
a)	Formed fin should be cut to the required size with a good finish without any burrs	
b)	Adjusting mechanism should be available to adjust required dimensions of the fin for cutting	
6	**Fin Stacking unit**	
a)	Cut fins should be properly stacked in an order in a stacking unit.	
7	**Design, supply and prove-out of fin tools**	
a)	Tools required for the fins as per annexure-2 should be designed, supplied and proved-out	

Annexure-2

List of fins to be formed

1) **Lanced & Offset fins (Drg No: RD-STD-FIN-001):**

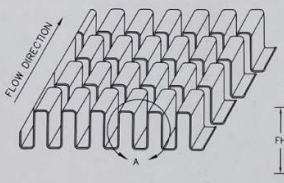
A. Lanced-Offset Fins (Please refer enclosed Drg.No. RD-STD-FIN-001)

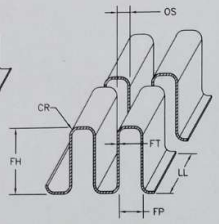
Sl. No.	H.E. Name and Stream	Fin Forming Tool No	Fin Material	Required Dimensions						
				FD (FPI) ± 1	FP (mm) ± 0.02	FT (mm) ± 20%	FH (mm) ± 0.05	CR (mm) ± 0.05	LL (mm) ± 0.02	OS (mm) ± 0.1
1	SHE Hot	17681	AA 3003	18	1.411	0.152	5.33	0.456	3.175	0.7055
2	RHE Cold	17682	AA 3003	28	0.907	0.127	3.0	0.381	3.175	0.4535
3	RHE Hot	17683	AA 3003	28	0.907	0.127	5.0	0.381	3.175	0.4535
4	REHT Hot	17683	AA 3003	28	0.907	0.127	5.0	0.381	3.175	0.4535
5	LAHE Hot	17684	AA 3003	28	0.907	0.152	3.0	0.456	3.175	0.4535
6	HE-1/1 Cold	17685	AA 6061	18	1.411	0.152	2.79	0.456	3.175	0.7055
7	HE-1/2 Cold	17686A	AA 6061	30	0.847	0.102	3.05	0.306	3.175	0.4235
8	HE-1/2 Hot	17686A	AA 6061	30	0.847	0.102	3.05	0.306	3.175	0.4235
9	HE-1/2 Dist	17686A	AA 6061	30	0.847	0.102	3.05	0.306	3.175	0.4235
10	ACFC Hot	17686B	AA 3003	30	0.847	0.102	3.68	0.306	3.175	0.4235
11	HE-2/1 Cold	17687	AA 6061	30	0.847	0.102	2.54	0.306	1.588	0.4235
12	HE-2/1 Hot	17687	AA 6061	30	0.847	0.102	2.54	0.306	1.588	0.4235
13	HE-2/1 Dist	17687	AA 6061	30	0.847	0.102	2.54	0.306	1.588	0.4235
14	HE-2/2 Cold	17687	AA 6061	30	0.847	0.102	2.54	0.306	1.588	0.4235
15	COND Hot	17689	AA 3003	28	0.907	0.076	5.0	0.228	3.175	0.4535
16	REHT Cold	17689	AA 3003	28	0.907	0.076	5.0	0.228	3.175	0.4535
17	HE-1/1 Hot	17690	AA 6061	18	1.411	0.254	5.08	0.762	3.175	0.7055
18	HE-1/1 Dist	17690	AA 6061	18	1.411	0.254	5.08	0.762	3.175	0.7055
19	HE-2/2 Hot	17691	AA 6061	18	1.411	0.254	3.81	0.762	1.588	0.7055
20	HE-2/2 Dist	17691	AA 6061	18	1.411	0.254	3.81	0.762	1.588	0.7055
21	LAHE Hot	17683	AA 3003	28	0.907	0.127	5.0	0.381	3.175	0.4535
22	PCLR Hot	IND-17692 (20001)	SS 347	26	0.976	0.0762	2.54	0.228	3.175	0.488
23	PCLR Cold	IND-17693 (20002)	SS 347	20	1.27	0.0762	2.794	0.228	3.175	0.635
24	PHE Hot	20003	SS 347	20.5	1.239	0.0762	3.05	0.228	2.032	0.619

FD: Fin Density; FP: Fin Pitch; FT: Fin Thickness; FH: Fin Height;
CR: Corner Radius; LL: Lance Length; OS: Offset

DRAWING NOT TO BE SCALED

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED





DETAIL–A

NOMENCLATURE

FH : FIN HEIGHT, MM
FT : FIN THICKNESS, MM
FP : FIN PITCH, MM
CR : CORNER RADIUS, MM
LL : LANCE LENGTH, MM
OS : LANCE OFFSET, MM

Sl.No	H.E.Name and Stream	Fin Forming Tool No.	Part Drg.No.	Fin Material	FD (FPI) ±1	FP (mm) ±0.02	FT (mm) ±20%	FH (mm) ±0.05	CR (mm) ±0.05	LL (mm) ±0.02	OS (mm) ±0.1	Fin Shape	L1 (mm) ±0.5	L2 (mm) ±0.5	W (mm) ±0.5
1	SHE Hot	17681	RD–41011201–P–204	AA 3003	18	1.411	0.152	5.33	0.456	3.175	0.7055	Fig.1	250	–	60
2	RHE Hot	17683	RD–41013906–P–204	AA 3003	28	0.907	0.127	5.0	0.381	3.175	0.4535	Fig.1	125	–	117
3	RHE Cold	17682	RD–41013906–P–202	AA 3003	28	0.907	0.127	3.0	0.381	3.175	0.4535	Fig.1	125	–	117
4	REHT Hot	17683	RD–41013909–P–202	AA 3003	28	0.907	0.127	5.0	0.381	3.175	0.4535	Fig.1	200	–	152
5	REHT Cold	17689	RD–41013909–P–204	AA 3003	28	0.907	0.076	5.0	0.228	3.175	0.4535	Fig.4	190.5	132	152
6	COND Hot	17689	RD–41013907–P–204	AA 3003	28	0.907	0.076	5.0	0.228	3.175	0.4535	Fig.4	150.5	102	132
7	HE–1/1 Hot	17690	RD–41013911–P–204	AA 6061	18	1.411	0.254	5.08	0.762	3.175	0.7055	Fig.3	146	71.6	52
8	HE–1/1 Cold	17685	RD–41013911–P–202	AA 6061	18	1.411	0.152	2.79	0.456	3.175	0.7055	Fig.1	155	–	52
9	HE–1/1 Dist	17690	RD–41013911–P–206	AA 6061	18	1.411	0.254	5.08	0.762	3.175	0.7055	Fig.2	56	–	40
10	HE–1/2 Hot	17686A	RD–41013911–P–304	AA 6061	30	0.847	0.102	3.05	0.306	3.175	0.4235	Fig.3	146	71.6	52
11	HE–1/2 Cold	17686A	RD–41013911–P–302	AA 6061	30	0.847	0.102	3.05	0.306	3.175	0.4235	Fig.1	155	–	52
12	HE–1/2 Dist	17686A	RD–41013911–P–306	AA 6061	30	0.847	0.102	3.05	0.306	3.175	0.4235	Fig.2	56	–	40
13	HE–2/1 Hot	17687	RD–41013912–P–204	AA 6061	30	0.847	0.102	2.54	0.306	1.5875	0.4235	Fig.3	146	69.8	77
14	HE–2/1 Cold	17687	RD–41013912–P–202	AA 6061	30	0.847	0.102	2.54	0.306	1.5875	0.4235	Fig.1	155	–	77
15	HE–2/1 Dist	17687	RD–41013912–P–206	AA 6061	30	0.847	0.102	2.54	0.306	1.588	0.4235	Fig.2	81	–	40
16	HE–2/2 Hot	17691	RD–41013912–P–304	AA 6061	18	1.411	0.254	3.81	0.762	1.5875	0.7055	Fig.3	146	69.8	77
17	HE–2/2 Cold	17687	RD–41013912–P–302	AA 6061	30	0.847	0.102	2.54	0.306	1.5875	0.4235	Fig.1	155	–	77
18	HE–2/2 Dist	17691	RD–41013912–P–306	AA 6061	18	1.411	0.254	3.81	0.762	1.5875	0.7055	Fig.2	81	–	40
19	ACFC Hot	17686B	RD–41014701–P–204	AA 3003	30	0.847	0.102	3.68	0.306	3.175	0.4235	Fig.1	135	–	42
20	LAHE Hot	17684	RD–41013908–P–204	AA 3003	28	0.907	0.152	3.0	0.456	3.175	0.4535	Fig.1	130	–	22
21	FADEC Hot	17683	RD–41015401–P–202	AA 3003	28	0.907	0.127	5.0	0.381	3.175	0.4535	Fig.1	100	–	82
22	PCLR Hot	IND–17692 (20001)	RD–41015301–P–204	SS 347	26	0.976	0.0762	2.54	0.228	3.175	0.488	Fig.1	175	–	110
23	PCLR Cold	IND–17693 (20002)	RD–41015301–P–202	SS 347	20	1.27	0.0762	2.794	0.228	3.175	0.635	Fig.1	118	–	167
24	PHE HOT	20003	RD–41013905–P–204	SS 347	20.5	1.239	0.0732	3.05	0.228	2.032	0.619	Fig.1	250	–	62

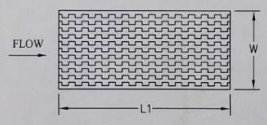


Fig.1

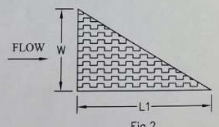


Fig.2

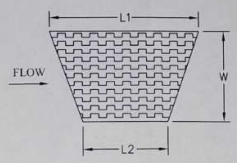


Fig.3

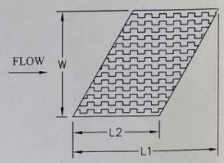


Fig.4

NOTE: FIN PITCH SHALL BE MEASURED FROM THE MIDDLE OF ONE CREST/TROUGH TO THE ADJUCENT MID CREST/TROUGH, WHEREVER EDGE TO EDGE MEASUREMENT AS PER DETAIL 'A' IS NOT CONVENIENT.

REF. DRG.						
REV.NO	ZONE	BRIEF RECORD	PPD	CHD	APD	

ALL PROJECTIONS ARE FIRST ANGLE UNLESS OTHERWISE SPECIFIED

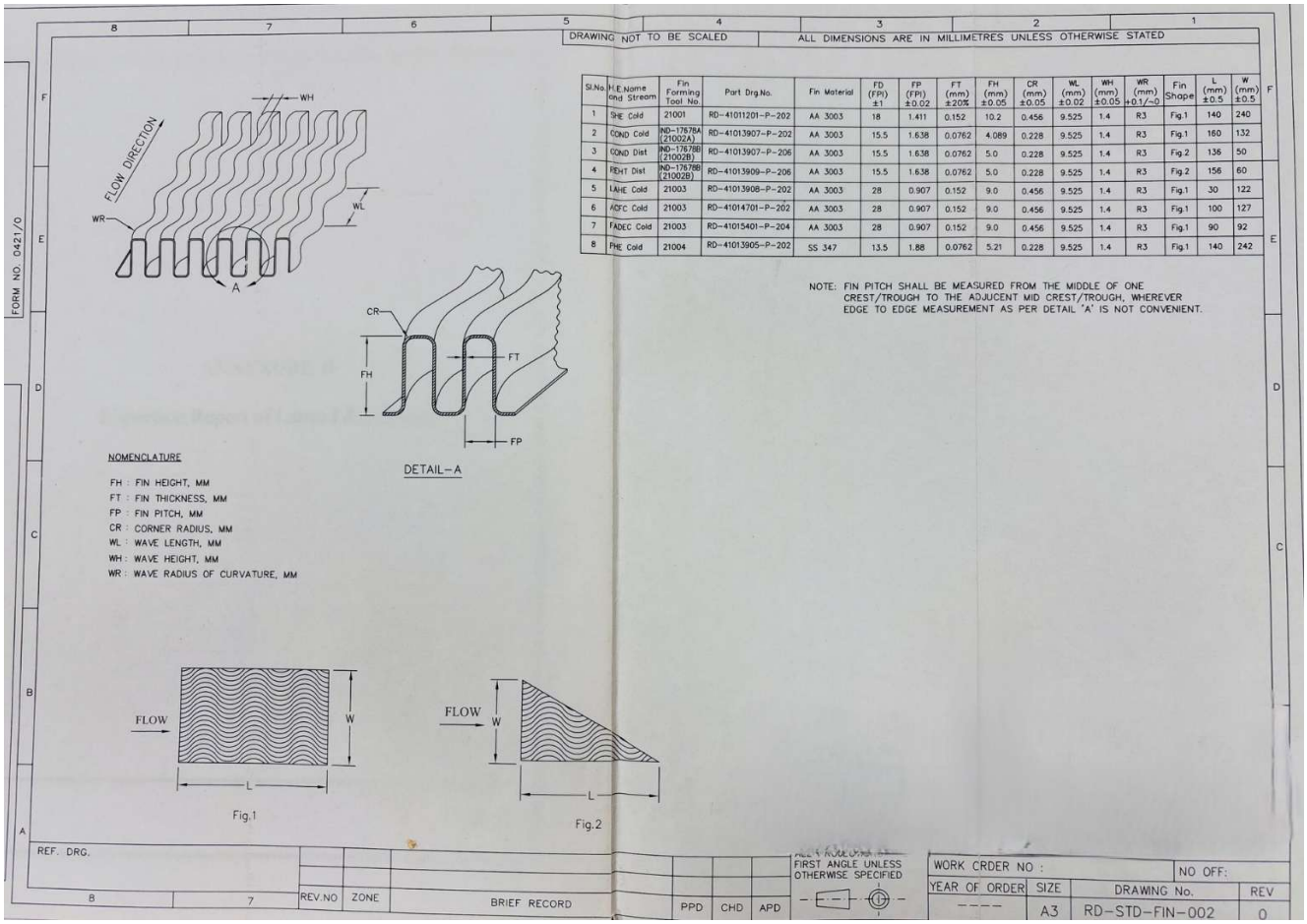
WORK ORDER NO :			NO OFF:
YEAR OF ORDER	SIZE	DRAWING No.	REV
----	A3	RD–STD–FIN–001	0

2) **Wavy fins (Drg No: RD-STD-FIN-002):**

B. Wavy Fins (Please refer Drg.No.: RD-STD-FIN-002)

Sl. No.	H.E.Name and Stream	Fin Forming Tool No	Fin Material	Required Dimensions							
				FD (FPI) ± 1	FP (mm) ± 0.02	FT (mm) ± 20%	FH (mm) ±0.05	CR (mm) ±0.05	WL (mm) ±0.02	WH (mm) ±0.05	WR (mm) +0.1/-0
1	SHE Cold	IND-17676 (21001)	AA 3003	18	1.411	0.152	10.2	0.456	9.525	1.95	R3
2	COND Cold	IND-17678A (21002A)	AA 3003	15.5	1.638	0.0762	4.089	0.228	9.525	1.95	R3
3	COND Dist	IND-17678B (21002B)	AA 3003	15.5	1.638	0.0762	5.0	0.228	9.525	1.95	R3
4	REHT Dist		AA 3003	15.5	1.638	0.0762	5.0	0.228	9.525	1.95	R3
5	LAHE Cold	21003	AA 3003	28	0.907	0.152	9.0	0.456	9.525	1.95	R3
6	ACFC Cold		AA 3003	28	0.907	0.152	9.0	0.456	9.525	1.4	R3
7	FADEC Cold		AA 3003	28	0.907	0.152	9.0	0.456	9.525	1.4	R3
8	PHE Cold	21004	SS 347	13.5	1.88	0.0762	5.21	0.228	9.525	1.4	R3

FD: Fin Density; FP: Fin Pitch; FT: Fin Thickness; FH: Fin Height; CR: Corner Radius;
WL: Wave Length; WH: Wave Height; WR: Wave Radius of Curvature.



Sl.No.	H.E.Name and Stream	Fin Forming Tool No.	Part Drg.No.	Fin Material	FD (FPI) ±1	FP (FPI) ±0.02	FT (mm) ±20%	FH (mm) ±0.05	CR (mm) ±0.05	WL (mm) ±0.02	WH (mm) ±0.05	WR (mm) +0.1/–0	Fin Shape	L (mm) ±0.5	W (mm) ±0.5
1	SHE Cold	21001	RD–41011201–P–202	AA 3003	18	1.411	0.152	10.2	0.456	9.525	1.4	R3	Fig.1	140	240
2	COND Cold	IND–17678A (21002A)	RD–41013907–P–202	AA 3003	15.5	1.638	0.0762	4.089	0.228	9.525	1.4	R3	Fig.1	160	132
3	COND Dist	IND–17678B (21002B)	RD–41013907–P–206	AA 3003	15.5	1.638	0.0762	5.0	0.228	9.525	1.4	R3	Fig.2	136	50
4	REHT Dist	IND–17678B (21002B)	RD–41013909–P–206	AA 3003	15.5	1.638	0.0762	5.0	0.228	9.525	1.4	R3	Fig.2	156	60
5	LAHE Cold	21003	RD–41013908–P–202	AA 3003	28	0.907	0.152	9.0	0.456	9.525	1.4	R3	Fig.1	30	122
6	ACFC Cold	21003	RD–41014701–P–202	AA 3003	28	0.907	0.152	9.0	0.456	9.525	1.4	R3	Fig.1	100	127
7	FADEC Cold	21003	RD–41015401–P–204	AA 3003	28	0.907	0.152	9.0	0.456	9.525	1.4	R3	Fig.1	90	92
8	PHE Cold	21004	RD–41013905–P–202	SS 347	13.5	1.88	0.0762	5.21	0.228	9.525	1.4	R3	Fig.1	140	242

Annexure-3

General Information

Date: _____

Legal name of company	
Country of constitution	
Year of constitution	
COPY OF PAN AND GSTIN	
Legal address in country of constitution	
Mobile Number of the Concerned Person for further communication	
Email id of the Concerned Person for further communication.	
Willing to get registered as a Supplier in BHEL's Supplier Directory	Yes / No

Attached are copies of original documents of:

- • Articles of Incorporation or Documents of Constitution, and documents of registration of the legal entity named above.

(Signature of Authorized Signatory)

Name: _____

Designation: _____

Address: _____

Date: _____