

VALUATION REPORT  
on  
Fair Value of Equity Shares

**Hamilton Research & Technology Private Limited**

Bhavesh M Rathod  
Chartered Accountants, Registered Valuer – SFA  
12D, White Spring, A wing, Rivali Park Complex,  
Western Express Highway, Borivali East, Mumbai 400066  
Email: [info.cabhavesh@gmail.com](mailto:info.cabhavesh@gmail.com)  
Mobile : +91 9769 11 34 90

IBBI Registration No.: IBBI/RV/06/2019/10708  
ICAI RVO Membership No.: ICAIRVO/06/RV-P00113/2018-19  
PAN: AAEP3560Q

## Table of Contents

1	Context and Purpose.....	3
2	Conditions and major assumptions.....	3
3	Background of the Company.....	5
4	Valuation Premise .....	6
5	Valuation Date.....	6
6	Valuation Standards.....	6
7	Valuation Methodology and Approach.....	6
8	Source of Information .....	9
9	Caveats .....	9
10	Distribution of Report .....	10
11	Opinion on Fair Value of Equity Shares.....	11
12	Annexure 1 .....	12
13	Annexure 2 .....	14

## Valuation Analysis

We refer to our Engagement Letter dated 9<sup>th</sup> March 2024 as independent valuers of **Hamilton Research & Technology Private Limited** (the “Company”). In the following paragraphs, we have summarized our valuation Analysis (the “Analysis”) of the business of the Company as informed by the management and detailed herein, together with the description of the methodologies used and limitation on our scope of work.

### 1 Context and Purpose

Based on discussion with the management, we understand that the Company’s promoters are evaluating the possibility of **Fair Value of Equity Shares under the Companies Act, 2013 and applicable rules thereunder**. In the context of these proposed transactions, the management requires our assistance in determining the **Fair Value of Equity Shares** of the Company.

#### Proposed Transaction:

During the financial year 2023-24, Company is evaluating the possibility of issuing further securities to prospective investors. In this context, the management of **Hamilton Research & Technology Private Limited** (the “Management”) has requested us to estimate the fair value of the Equity Shares. - “Proposed Transaction”.

### 2 Conditions and major assumptions

#### Conditions

The historical financial information about the Company presented in this report is included solely for the purpose to arrive at value conclusion presented in this report and it should not be used by anyone to obtain credit or for any other unintended purpose. Because of the limited purpose as mentioned in the report, it may be incomplete and may contain departures from generally accepted accounting principles prevailing in the country. We have not audited, reviewed or compiled the financial statements and express no assurance on them.

Readers of this report should be aware that a business valuation is based on future earnings potential that may or may not be materialised. Any financial projection e.g., projected balance sheet, projected profit & loss account, projected cash flow statements as presented in this report are included solely to assist in the development of the value conclusion. The actual results may vary from the projections given, and the variations may be material, which may change the overall value.

This report is only to be used in its entirety, and for the purpose stated in the report. No third parties should rely on the information or data contained in this report without the advice of their lawyer, attorney or accountant.

We acknowledge that we have no present or contemplated financial interest in the Company. Our fees for this valuation are based upon our normal billing rates, and not contingent upon the results or the value of the business or in any other manner. We have no responsibility to modify this report for events and circumstances occurring subsequent to the date of this report.

We have, however, used conceptually sound and generally accepted methods, principles and procedures of valuation in determining the value estimate included in this report. The valuation analyst, by reason of performing this valuation and preparing this report, is not to require to give expert testimony nor to be in attendance in court or at any government hearing with reference to the matters contained herein, unless prior arrangements have been made with the analyst regarding such additional engagement.

#### **Assumptions**

The opinion of value given in this report is based on information provided by the management of the Company and other sources as listed in the report. This information is assumed to be accurate and complete.

We have relied upon the representations contained in the public and other documents in our possession and any other assets or liabilities except as specifically stated to the contrary in this report.

We have not attempted to confirm whether or not all assets of the business are free and clear of liens and encumbrances, or that the owner has good title to all the assets.

We have also assumed that the business will be operated prudently and that there are no unforeseen adverse changes in the economic conditions affecting the business, the market, or the industry. This report presumes that the management of the Company will maintain the character and integrity of the Company.

We have been informed by the management that there are no Significant lawsuits or any other undisclosed contingent liabilities which may potentially affect the business, except as may be disclosed elsewhere in this report. We have assumed that no costs or expenses will be incurred in connection with such liabilities, except as explicitly stated in this report.

### 3 Background of the Company

Hamilton Research & Technology Private Limited is engaged in Design, Development and Manufacturing of

- ✓ Advanced Pot Control System for Aluminium Smelters
- ✓ Retrofit solutions to upgrade old Aluminium Smelters
- ✓ Heat Regulation System for Anode Baking Furnaces
- ✓ Superheat Measurement System
- ✓ Customized VFC / IF / CPU Modules for 3rd Party Controllers
- ✓ Digital & Analog Hardware Design
- ✓ SCADA

HART is currently providing services to Hindalco, Vedanta and first international breakthrough in Aluminium industry located in Oman & Egypt.

#### Further data of the Company:

<b>CIN</b>	<b>U73100WB1986PTC040967</b>
<b>Company Name</b>	HAMILTON RESEARCH & TECHNOLOGY PRIVATE LIMITED
<b>ROC Name</b>	ROC Kolkata
<b>Registration Number</b>	040967
<b>Date of Incorporation</b>	21/07/1986
<b>Email Id</b>	info@hart.co.in
<b>Registered Address</b>	13A NEW ROAD, KOLKATA, West Bengal, India, 700027
<b>Address at which the books of account are to be maintained</b>	18TH FLOOR ACROPOLIS185A 1 RAJDANGA MAIN ROAD, E.K.T, Kolkata, Kolkata, West Bengal, India, 700107
<b>Listed in Stock Exchange(s) (Y/N)</b>	No
<b>Category of Company</b>	Company limited by shares
<b>Subcategory of the Company</b>	Non-government company
<b>Class of Company</b>	Private
<b>ACTIVE compliance</b>	ACTIVE Compliant
<b>Authorised Capital (Rs)</b>	2,50,00,000
<b>Paid up Capital (Rs)</b>	72,00,000
<b>Date of last AGM</b>	10/08/2023
<b>Date of Balance Sheet</b>	31/03/2023
<b>Company Status</b>	Active

#### Directors and Key Managerial Persons:

DIN/PAN	Name	Begin date	Designation
08281046	Arjun Soota	29/06/2021	Director
05203223	Ashok Kumar Vishwakarma	29/06/2021	Director
00031311	Ashish Sushil Jalan	25/06/2010	Director
00256686	Snehal Ashish Jalan	30/09/2003	Director
00128667	Ajay Hari Tandon	14/09/2022	Director
00885545	Tapan Kumar Nasipuri	10/09/2001	Director

**Shareholding pattern as on Valuation date is given below:**

Shareholders	No. of Shares	% Holding
Ananya Jalan	26,000	3.61%
Snehal Jalan	73,000	10.14%
Sushil Kumar Jalan	3,000	0.42%
Rekha Jalan	77,000	10.69%
Manoj Maheswari	500	0.07%
Ashish Jalan Family Trust	99,000	13.75%
Sushil Kumar Jalan (HUF)	32,500	4.51%
Hamilton & Co.Ltd	3,74,000	51.94%
Ashish Jalan	35,000	4.86%
<b>Total</b>	<b>7,20,000</b>	<b>100.00%</b>

Face value Per share is Rs 10.00/-

#### 4 Valuation Premise

The premise of value for our analyses is going concern value as there is neither a planned or contemplated discontinuance of any line of business nor any liquidation of the Company.

#### 5 Valuation Date

The Analysis of the Fair Value of Equity Shares of the **Hamilton Research & Technology Private Limited** has been carried out as on **30<sup>th</sup> November 2023**.

#### 6 Valuation Standards

The Report has been prepared in compliance with the internationally accepted valuation standards and valuation standard adopted by ICAI Registered Valuers Organisation.

#### 7 Valuation Methodology and Approach

The standard of value used in the Analysis is "Fair Value", which is often defined as the price, in terms of cash or equivalent, that a buyer could reasonably be expected to pay, and a seller could reasonably be expected to accept, if the business were exposed for sale on the open market for a reasonable period of time, with both buyer and seller being In possession of the pertinent facts and neither being under any compulsion to act.

Valuation of a business is not an exact science and ultimately depends upon what it is worth to a serious investor or buyer who may be prepared to pay a substantial goodwill. This exercise may be carried out using various methodologies, the relative emphasis of each often varying with:

- whether the entity is listed on a stock exchange

- industry to which the Company belongs
- past track record of the business and the ease with which the growth rate in cash flows to perpetuity can be estimated
- Extent to which industry and comparable Company information is available.

The results of this exercise could vary significantly depending upon the basis used, the specific circumstances and professional judgment of the valuer. In respect of going concerns, certain valuation techniques have evolved over time and are commonly in vogue. These can be broadly categorised as follows:

1. Asset Approach

**Net Asset Value Method (“NAV”)**

The value arrived at under this approach is based on the audited financial statements of the business and may be defined as Shareholders' Funds or Net Assets owned by the business. The balance sheet values are adjusted for any contingent liabilities that are likely to materialise.

The Net Asset Value is generally used as the minimum break-up value for the transaction since this methodology ignores the future return the assets can produce and is calculated using historical accounting data that does not reflect how much the business is worth to someone who may buy it as a going concern.

2. Market Approach

**Comparable Company Market Multiple Method**

Under this methodology, market multiples of comparable listed companies are computed and applied to the business being valued in order to arrive at a multiple based valuation. The difficulty here is in the selection of a comparable company since it is rare to find two or more companies with the same product portfolio, size, capital structure, business strategy, profitability and accounting practices.

Whereas no publicly traded company provides an identical match to the operations of a given company, important information can be drawn from the way comparable enterprises are valued by public markets. In case of early stage company and different business model the problem aggravates further.

**Comparable Transactions Multiple Method**

This approach is somewhat similar to the market multiples approach except that the sales and EBITDA multiples of reported transactions in the same industry in the recent past are applied to the sales and EBITDA of the business being valued.

3. Income Approach

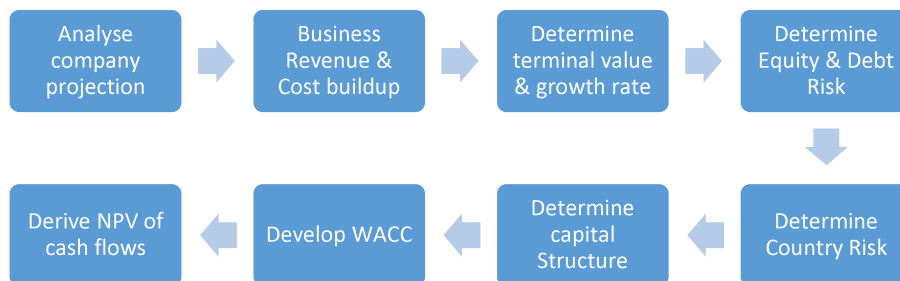
**Discounted Cash Flows - “DCF”**

DCF uses the future free cash flows of the company discounted by the firm's weighted average cost of capital (the average cost of all the capital used in the business, including debt and equity), plus a risk factor measured by beta, to arrive at the present value.

Beta is an adjustment that uses historic stock market data to measure the sensitivity of the Company's cash flow to market indices, for example, through business cycles.

The DCF method is a strong valuation tool, as it concentrates on cash generation potential of a business. This valuation method is based on the capability of a company to generate cash flows in the future. The free cash flows are projected for a certain number of years and then discounted at a discount rate that reflects a Company's cost of capital and the risk associated with the cash flows it generates. DCF analysis is based mainly on the following elements:

- Projection of financial statements (key value driving factors)
- The cost of capital to discount the projected cash flows



Valuation Methodology

The application of any method of valuation depends on the purpose for which the valuation is done. Although different values may exist for different purposes, it cannot be too strongly emphasized that a valuer can only arrive at one value for one purpose.

In the instant case, based on the nature of business of the Company, availability of data and generally acceptable valuation methodologies, we have valued the Equity Shares using the DCF method & NAV Method.

Our choice of methodology and valuation has been arrived using usual and conventional methodologies adopted for purposes of a similar nature and our reasonable judgment, in an independent and bona fide manner based on our previous experience of assignments of similar nature.

Keeping in mind the context and purpose of the Report, we have used the DCF method as it captures the growth potential of the business going forward. We have used this method to calculate the fair value of the Equity Shares of the Company based on the financial projections prepared by the Management of the Company.

Discounted Cash Flows *(Refer Annexure 1)*

Net Asset method *(Refer Annexure 2)*



## 8 Source of Information

The Analysis is based on a review of the business plan of the Company provided by the Management and information relating to sector as available in the public domain. Specifically, the sources of information include:

- Provisional Financials as on 30<sup>th</sup> November 2023.
- Management certified projected financial statements for period of 6 years for the year ending FY24 to FY29.
- Details of Shareholding and number of Equity Shares as on valuation date.
- Discussions with the Management / representative of the Company.
- All Company specific information were sourced from the management of the Company, either in the written hard copy or digital form.
- Other information / data available in public domain.

In addition to the above, we have also obtained such other information and explanations from the Company as were considered relevant for the purpose of the valuation. It may be mentioned that the Management has been provided the opportunity to review our draft report as part of our standard practice to make sure that factual inaccuracies are avoided in our final report.

## 9 Caveats

Provision of valuation recommendations and considerations of the issues described herein are areas of our regular corporate advisory practice. The services do not represent accounting, assurance, financial due diligence review, consulting, transfer pricing or domestic/international tax-related services that may otherwise be provided by us.

Our review of the affairs of the Company and their books and account does not constitute an audit in accordance with Auditing Standards. We have relied on explanations and information provided by the Management of the Company and accepted the information provided to us as accurate and complete in all respects. Although, we have reviewed such data for consistency and reasonableness, we have not independently investigated or otherwise verified the data provided. Nothing has come to our attention to indicate that the information provided had material misstatements or would not afford reasonable grounds upon which to base the Report.

The report is based on the financial projections provided to us by the Management of the company and thus the responsibility for forecasts and the assumptions on which they are based is solely that of the Management of the Company and we do not provide any confirmation or assurance on the achievability of these projections. It must be emphasized that profit forecasts necessarily depend upon subjective judgement. Similarly, we have relied on data from external sources. These sources are considered to be reliable and therefore, we assume no liability for the accuracy of the data. We have assumed that the business continues normally without any disruptions due to statutory or other external/internal occurrences.

The valuation worksheets prepared for the exercise are proprietary to the Valuer and cannot be shared. Any clarifications on the workings will be provided on request, prior to finalizing the Report, as per the terms of our engagement.

The scope of our work has been limited both in terms of the areas of the business and operations which we have reviewed and the extent to which we have reviewed them.

The Valuation Analysis contained herein represents the value only on the date that is specifically Stated in this Report. This Report is issued on the understanding that the Management of the Company has drawn our attention to all matters of which they are aware, which have an impact on our Report up to the date of signature. We have no responsibility to update this Report for events and circumstances occurring after the date of this Report.

We have no present or planned future interest in the Company and the fee for this Report is not contingent upon the values reported herein.

Our Valuation analysis should not be construed as investment advice; specifically, we do not express any opinion on the suitability or otherwise of entering into any transaction with the Company.

A draft of the report was shared with the Company, prior to finalisation of report, for confirmation of facts, key assumptions and other Company representations.

Our Report is not nor should it be construed as our opining or certifying the compliance with the provisions of any law / standards including company, foreign exchange regulatory, accounting and taxation (including transfer pricing) laws / standards or as regards any legal, accounting or taxation implications or issues.

Our Report and the opinion / valuation analysis contained herein is not nor should it be construed as advice relating to investing in, purchasing, selling or otherwise dealing in securities. This report does not in any manner address, opine on or recommend the prices at which the securities of the Company could or should transact.

## 10 Distribution of Report

The Analysis is confidential and has been prepared exclusively for **Hamilton Research & Technology Private Limited**. It should not be used, reproduced or circulated to any other person or for any purpose other than as mentioned above, in whole or in part, without the prior written consent of the valuer. Such consent will only be given after full consideration of the circumstances at the time. However, we do understand that the report will be shared with the investor / buyers of the Company / submission to government authorities and regulators towards statutory compliances.

## 11 Opinion on Fair Value of Equity Shares

Based on our valuation exercise Fair Value of the Equity Shares as on 30<sup>th</sup> November 2023 is as under:  
(In INR)

Method	Value per share	Weight	Product
Income Approach - DCF Method	502.52	1	502.52
Asset Approach - NAV Method (*)	109.46	0	0
	Weight Average Value per share		502.52

(\*) The NAV of the company is Rs. 7.88 Crores, while the profit estimated for the current year itself is Rs. 4.56 Crores i.e., more than 50% of NAV. Therefore, the NAV Value is coming much lower in comparison to DCF Value which is 36.18 Crores and NAV value is not representing the earning capacity of the company. Hence no weightage is considered for Asset Approach.

We trust the above meets your requirements. Please feel free to contact us in case you require any additional information or clarifications.

Yours faithfully



Bhavesh M Rathod  
Chartered Accountants  
M No: 119158  
Registered Valuer - Securities or Financial Assets  
(Reg No: IBBI/RV/06/2019/10708)

Date: 16<sup>th</sup> March 2024  
Place: Mumbai

UDIN: **24119158BKAE0E6623**

## 12 Annexure 1

### Discounted Cash Flows

We have been provided with the business projection of the Company for **Six years** by the Management, which we have considered for our Analysis. Accordingly, the projected free cash flows to Equity ("FCFE") based on these financial statements is set out below:

(INR Lakhs)

Number of Months		4	12	12	12	12	12	
Particulars		FY24	FY25	FY26	FY27	FY28	FY29	TV
PAT		449.02	537.46	652.79	783.65	911.84	1,008.24	1,038.49
<b>Add: Depreciation</b>		9.00	32.00	34.00	36.00	45.00	54.00	54.00
<b>Less: Capex</b>		-11.88	-50.00	-19.99	-20.01	-20.00	-20.00	
<b>(Increase)/ decrease in working capital</b>		60.95	-94.15	-64.72	-56.50	-48.50	-48.60	-125.00
<b>Free cash flow to firm ('FCFF')</b>		507.09	425.30	602.08	743.14	888.34	993.64	967.49
<b>Other Non-Current Assets</b>		-418.17	-181.83	-150.00	-150.00	-150.00	-150.00	
<b>Free cash flow to Equity ('FCFE')</b>		88.92	243.47	452.08	593.14	738.34	843.64	967.49
<b>Annual factor</b>		0.33	1.00	1.00	1.00	1.00	1.00	
<b>Discounting period (end year)</b>		0.33	1.33	2.33	3.33	4.33	5.33	
<b>PV factor</b>	21.43%	0.94	0.77	0.64	0.52	0.43	0.36	
<b>PV of FCFE</b>		83.35	187.95	287.40	310.54	318.35	299.57	

<b>PV of FCFE for the horizon period</b>	<b>1,487.16</b>	<b>A</b>
<b>FCFE for terminal year</b>	967.49	
<b>WACC</b>	21.43%	
<b>Perpetuity Growth</b>	3.00%	
<b>Capitalisation Rate</b>	18.43%	
<b>Gross terminal value</b>	5,250.70	
<b>PV factor</b>	0.36	
<b>PV of terminal value</b>	1,864.48	B
<b>Enterprise value</b>	3,351.64	A+B
<b>Add: Cash &amp; Bank</b>	266.50	
<b>Fair Value of Equity</b>	3,618.14	

No of Share	7,20,000	
Value Per Share (in INR)	502.52	

**Assumptions**

Cost of Equity	21.43 %
Risk free rate (Rf)	7.24 %
Market Return (Rm)	14.43 %
Long Term Growth Rate	3.00 %
Beta	1.00

**Terminal Value**

The terminal value refers to the present value of the business as a going concern beyond the period of projections up to infinity. This value is estimated by taking into account expected growth rates of the business in future, sustainable capital investments required for the business as well as the estimates growth rate of the industry and economy. Based on dynamics of the sector and discussions with the Management we have assumed a terminal growth rate of **3.00 %** for the Company beyond the projections periods. The cash flows of **Rs. 967.49 Lakhs** have been used to determine the terminal value. Based on these assumptions the terminal value has been calculated at **Rs. 5,250.70 Lakhs**.

Using these cash flows and a discount rate of **21.43 %**, we estimate the equity value of the Company **Rs. 3,618.14 Lakhs**.

**Discount Factor**

Discount Factor considered for arriving at the present value of the free cash flows to the Equity Shares of the Company is the cost of equity. The cost of equity is computed using the capital asset pricing model (CAPM) using the formula shown below.

$$rE = rf + B (rM - rf) + CSP$$

Were,

rf = Risk free rate.

rM =Market return.

B = sensitivity of the index to the market / measure of market risk

CSP – Company Specific Risk

	Rate	Source
Risk free return (rf)	7.24 %	10-year average government bond yield from last 12 months
Market Return (Rm)	14.43 %	Return of BSE 500 from Feb 01, 1999 to November 30, 2023
Measure of market risk(B)	1.00	No peer available
Company Specific Risk	7.00 %	Contingency of revenues, projected high profitability, achievability of projections

Based on the above parameters, the cost of Equity has been calculated at **21.43 %**

## 13 Annexure 2

Net Asset Method as on 30<sup>th</sup> November 2023

Particulars	Amount
<b>ASSETS</b>	
<b>Non-current assets</b>	
<b>Fixed Assets</b>	
-Tangible Assets	61.95
CWIP	100.54
Long Term Loans and Advances	76.48
Deferred tax assets (net)	13.26
Other Non-Current Assets	21.66
<b>Current assets</b>	
Inventories	263.02
Trade receivables	650.25
Cash and bank balances	266.50
Short-term loans and advances	67.90
Other Current Assets	10.74
<b>Total Assets</b>	<b>A</b> <b>1,532.30</b>
<b>Liabilities</b>	
<b>Current liabilities</b>	
Short Term Borrowings	290.00
Trade payables	162.53
Other current liabilities	247.82
Short-term provisions	43.86
<b>Total Liabilities</b>	<b>B</b> <b>744.21</b>
<b>Net Worth</b>	<b>(A - B)</b> <b>788.09</b>
No. of Shares	<b>C</b> 7,20,000
<b>Value Per Share</b>	<b>(A - B) / C</b> <b>109.46</b>