

# Results Presentation for Three Months Ended March 31, 2019

**EBARA** (6361)

May 14, 2019

Looking ahead, going beyond expectations Ahead > Beyond

EBARA CORPORATION

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<sup>\*1.</sup> Fluid Machinery & Systems Business \*2. Environmental Plants Business \*3. Precision Machinery Business

\*3. Precision Machinery Business

Note: As a [Reference], we disclose 12 months results (non-audited) of the fiscal year ended December 31, 2017 (from January 1, 2017 to December 31, 2017) to compare with the results for the fiscal year ended December 31, 2018 (from January 1, 2018 to December 31, 2018).

Abbreviations

FY: fiscal year (FY2019: fiscal year ending December 31, 2019)

1Q: 1Q figures 1-2Q, 1-3Q, 1-4Q: cumulative total from 1Q to each quarter

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FY19 1Q Results				Overview
in billion yen)	FY18 1Q	FY19 1Q	Change	Markets  ✓ Oil and gas
Orders Net Sales	158.8 130.2	117.0 130.1	- 41.7 - 0.0	Capex is gradually recovering  Semiconductor
Operating Income	7.9 6.1%	9.1 7.0%	+ 1.1	Sluggish pace due to a decline of memor manufacturers' capital investment
Ordinary Income	8.0	10.3	+ 0.9pts + 2.2	Segment  ✓ FMS
Net Income Attributable to Owners of Parent	6.1	6.7	+ 0.5	Profit increased mainly in this segment
Average Exchange Rate	USD1=JPY108.7	USD1=JPY110.8		<ul> <li>EP         Secured stable profit despite significant decrease of orders compared to last year     </li> </ul>
				✓ PM Orders significantly declined

### Summary of Results – Companywide:

Orders: JPY 117.0 billion (YoY –JPY 41.7 billion)

Net Sales: JPY 130.1 billion (YoY –JPY 0.0 billion)

Operating Income: JPY 9.1 billion (YoY + JPY 1.1 billion), Operating Income Ratio:

7.0%

Net Income Attributable to Owners of Parent: JPY 6.7 billion (YoY + JPY 0.5 billion)

### **Points**

#### Markets

- For oil and gas, capex has been gradually recovering since last year.
- > Semiconductor market saw a sluggish pace of growth due to a decline of memory manufacturers' capital investment.

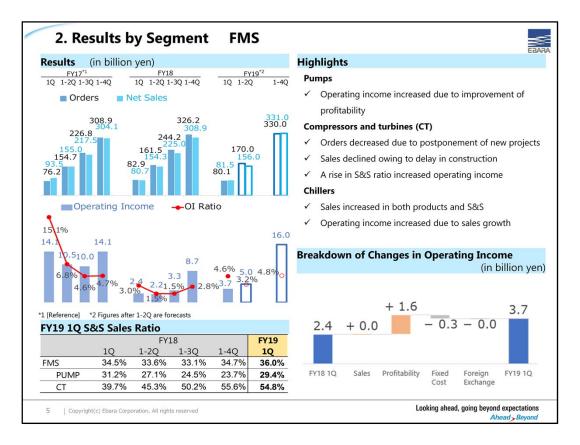
#### Results

- ➤ Orders decreased significantly for the EP and PM Businesses. PM Business decline was significant due to market influence and with EP Business, orders during same period last year were exceptionally high.
- > FMS Business continued to drive improvements to profitability as profits increased.

billion yen)	FY18 1Q	FY19 1Q	Change
Total			
Orders	158.8	117.0	- 41.7
Net Sales	130.2	130.1	- 0.0
Operating Income	7.9	9.1	+ 1.1
OI Ratio	6.1%	7.0%	+ 0.9pts
FMS			
Orders	82.9	80.1	- 2.7
Net Sales	80.7	81.5	+ 0.8
Operating Income	2.4	3.7	+ 1.3
OI Ratio	3.0%	4.6%	+ 1.6pts
EP Business			
Orders	34.8	12.6	- 22.2
Net Sales	18.2	19.1	+ 0.9
Operating Income	1.8	2.2	+ 0.4
OI Ratio	10.0%	11.8%	+ 1.8pts
PM Business			
Orders	40.6	23.9	- 16.7
Net Sales	30.8	29.0	- 1.7
Operating Income	3.6	3.0	- 0.5
OI Ratio	11.7%	10.6%	- 1.1pts
Others, Adjustment			
Orders	0.4	0.4	- 0.0
Net Sales	0.4	0.4	- 0.0
Operating Income	0.0	0.0	- 0.0
OI Ratio	15.8%	6.3%	- 9.5pts

### Summary of Results – Segment:

- > Orders decreased for all three businesses.
- ➤ With the semiconductor market slowdown, investments declined and profits declined in the PM Business on decreased sales.
- > FMS and EP Businesses both recorded increases in sales and operating income.



### Results by Segment - FMS:

Orders: JPY 80.1 billion (YoY –JPY 2.7 billion)

Sales: JPY 81.5 billion (YoY + JPY 0.8 billion)

Operating Income: JPY 3.7 billion (YoY + JPY 1.3 billion)

### **Pumps business**

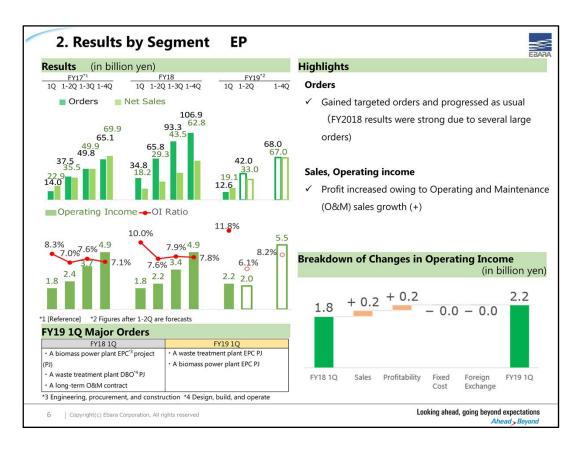
> Profits increased as profitability improved on stronger orders and sales in the oil and gas market.

### Compressors & turbines (CT) business

- Orders decreased due to postponement in order timing for new projects.
- Owing to delay in construction, product sales decreased.
- > Sales of the highly profitable Service & Support (S&S) were favorable, which drove improved profits.
- CT business 1Q ratio of S&S increased from 39.7% to 54.8% YoY.

### Chillers business

Orders, sales, and operating income all increased YoY on growth in sales of products for the China market and success in capturing facility upgrade demand in Japan.



Results by Segment – EP:

Orders: JPY 12.6 billion (YoY –JPY 22.2 billion)

Sales: JPY 19.1 billion (YoY + JPY 0.9 billion)

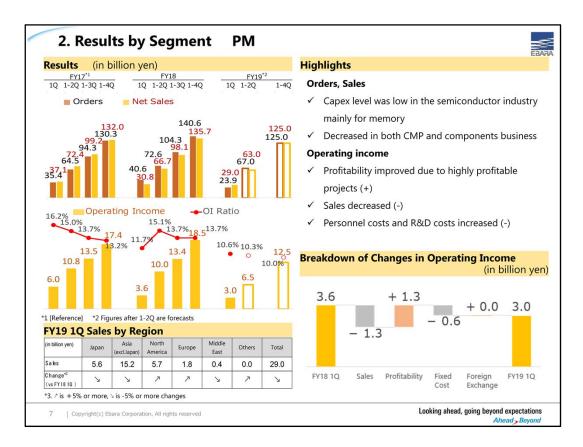
Operating Income: JPY 2.2 billion (YoY + JPY 0.4 billion)

### Orders

- Multiple large-scale orders including DBO project and a long-term O&M contract in the same period last year resulted in higher orders compared to previous years.
- > 1Q orders on par with plans and resulted in orders received largely unchanged from previous years.
- Main orders received include two EPC projects from private companies.

### Sales, Operating Income

➤ Profits grew steadily on increased O&M sales.



### Results by Segment - PM:

Orders: JPY 23.9 billion (YoY –JPY 16.7 billion)

Sales: JPY 29.0 billion (YoY –JPY 1.7 billion)

Operating Income: JPY 3.0 billion (YoY –JPY 0.5 billion)

#### **Orders**

- > Semiconductor market capital investments decreased for both memory and logic.
- Customers continue to hold off on investments, particularly in memory-related sectors.

### Sales, Operating Income

- Sales of highly profitable projects resulted in some improvements to profitability.
- ➤ In addition to the impact of decreased revenues, labor costs and R&D expenses increased, resulting in decreased profits.

#### 3. Forecast 1-2Q 1-4Q (in billion yen) FY18 FY19 Change FY18 FY19 Change Results Results Plan а b c-b d e-d Announced date(m/d/y) Feb/13/19 May/14/19 Feb/13/19 Orders 300.8 280.0 280.0 - 20.8 575.5 525.0 - 50.5 258.0 525.0 + 15.8 Net Sales 251.2 253.0 - 5.0 + 1.7 509.1 13.5 13.5 32 4 34 0 Operating Income 14 7 - 12 + 1.5 5.9% 5.2% 5.3% + 0.1pts 6.4% 6.5% + 0.1pts OI Ratio - 0.5pts Ordinary Income 14.1 13.0 13.0 - 1.1 31.2 33.0 + 1.7 Net Income 7.4 8.0 8.0 + 0.5 18.2 20.0 Attributable to Owners of Parent ROIC + 0.7pts 6.6% 7.2% + 0.6pts ✓ Revised down the first half plan of net sales to 253 billion yen from 258 billion yen (decreased 5 billion yen) ✓ No change in the full year plan Looking ahead, going beyond expectations Copyright(c) Ebara Corporation, All rights reserved

### Summary of Projection:

Changes relative to the Summary of Projection for FY2019 released in February are as follows.

### Revisions to first-half plan figures for orders

- ➤ Downward revision of compressors and turbines business first-half plan value from JPY 70.0 billion to JPY 63.0 billion (decrease of JPY 7.0 billion from initial plan).
- ➤ Upward revision of EP Business first-half plan value from JPY 35.0 billion to JPY 42.0 billion (increase of JPY 7.0 billion from initial plan).

### Revisions to first-half plan figures for sales

➤ Downward revision of PM Business first-half plan value from JPY 35.0 billion to JPY 30.0 billion (decrease of JPY 5.0 billion from initial plan).

No change to full-year earnings projections for orders, net sales, operating income.



### **Orders**

(in billion yen)	1Q					1-4Q					
	FY18 FY19		Change	FY18 FY19		Change		FY18 FY19	Change		
	Results	Results	100	Results	Pl	an		200	Results	Plan	572
	a	b	b-a	с	d	е	e-d	e-c	f	g	h-f
Announced date(m/d/y)					Feb/13/19	May/14/19				Feb/13/19	
Total	158.8	117.0	- 41.7	300.8	280.0	280.0	-	- 20.8	575.5	525.0	- 50.
FMS Business	82.9	80.1	- 2.7	161.5	177.0	170.0	- 7.0	+ 8.4	326.2	330.0	+ 3.
Pumps	44.1	43.9	- 0.2	84.9	85.0	85.0	-	+ 0.0	171.0	175.0	+ 3.
СТ	26.7	23.9	- 2.7	50.7	70.0	63.0	- 7.0	+ 12.2	102.7	110.0	+ 7.
Chillers	8.5	8.9	+ 0.3	19.4	16.0	16.0	=	- 3.4	37.5	33.0	- 4
Others	3.4	3.3	- 0.1	6.2	6.0	6.0	-	- 0.2	14.9	12.0	- 2
EP Business	34.8	12.6	- 22.2	65.8	35.0	42.0	+ 7.0	- 23.8	106.9	68.0	- 38
PM Business	40.6	23.9	- 16.7	72.6	67.0	67.0	-	- 5.6	140.6	125.0	- 15
Components	17.1	12.7	- 4.3	30.7	29.0	29.0	-	- 1.7	62.8	57.0	- 5
CMP Systems	22.1	9.7	- 12.3	38.7	35.0	35.0	-	- 3.7	72.0	62.0	- 10
Others	1.4	1.3	- 0.0	3.1	3.0	3.0	-	- 0.1	5.7	6.0	+ 0
Others, Adjustment	0.4	0.4	- 0.0	0.8	1.0	1.0	-	+ 0.1	1.6	2.0	+ 0

- ✓ Revised down the first half plan of CT business to 63 billion yen from 70 billion
- yen (decreased 7 billion yen)
  ✓ Revised up the first half plan of EP business to 42 billion yen from 35 billion yen (increased 7 billion yen)

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### <u>Sales</u>

(in billion yen)	1Q					1-4Q					
	- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10		FY19 Change		FY18 FY19			Change		FY19	Change
	Results	Results		Results	Plan				Results	Plan	
	а	b	b-a	С	d	е	e-d	e-c	f	g	g-f
Announced date(m/d/y)					Feb/13/19	May/14/19				Feb/13/19	
Total	130.2	130.1	- 0.0	251.2	258.0	253.0	- 5.0	+ 1.7	509.1	525.0	+ 15.8
FMS Business	80.7	81.5	+ 0.8	154.3	156.0	156.0	-	+ 1.6	308.9	331.0	+ 22.0
Pumps	50.9	51.0	+ 0.0	90.5	90.0	90.0	-	- 0.5	172.0	176.0	+ 3.
СТ	18.5	17.2	- 1.2	40.6	45.0	45.0	-	+ 4.3	87.6	110.0	+ 22.
Chillers	7.5	8.8	+ 1.3	16.7	15.0	15.0	-	- 1.7	35.8	33.0	- 2.
Others	3.7	4.4	+ 0.6	6.3	6.0	6.0	-	- 0.3	13.4	12.0	- 1.
EP Business	18.2	19.1	+ 0.9	29.3	33.0	33.0	-	+ 3.6	62.8	67.0	+ 4.
PM Business	30.8	29.0	- 1.7	66.7	68.0	63.0	- 5.0	- 3.7	135.7	125.0	- 10.
Components	14.9	14.6	- 0.2	30.6	30.0	30.0	-	- 0.6	59.3	57.0	- 2.
CMP Systems	14.6	13.0	- 1.6	32.1	35.0	30.0	- 5.0	- 2.1	69.8	62.0	- 7.
Others	1.1	1.3	+ 0.1	3.8	3.0	3.0	-	- 0.8	6.5	6.0	- 0.
Others, Adjustment	0.4	0.4	- 0.0	0.8	1.0	1.0	-	+ 0.1	1.6	2.0	+ 0.

<sup>✓</sup> Revised down the first half plan of CMP business to 30 billion yen from 35 billion yen (decreased 5 billion yen)

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### **Operating Income**

(in billion yen)		1Q			1-2Q			1-4Q	Q	
	FY18	FY19	Change	FY18	FY19	Change	FY18	FY19	Change	
	Results	Results		Results	Plan		Results	Plan		
	а	b	b-a	С	d	d-c	е	Plan	f-e	
Announced date(m/d/y)					Feb/13/19			Feb/13/19		
Total	7.9	9.1	+ 1.1	14.7	13.5	- 1.2	32.4	34.0	+ 1.5	
FMS Business	2.4	3.7	+ 1.3	2.2	5.0	+ 2.7	8.7	16.0	+ 7.2	
Pumps	4.3	5.1	+ 0.7	5.2	4.5	- 0.7	5.9	10.0	+ 4.	
СТ	-2.8	-1.2	+ 1.5	-4.1	0.0	+ 4.1	1.9	3.5	+ 1.	
Chillers	-0.2	0.2	+ 0.4	0.1	0.5	+ 0.3	0.4	2.0	+ 1.	
Others	1.1	-0.2	- 1.4	1.0	0.0	- 1.0	0.4	0.5	+ 0.	
EP Business	1.8	2.2	+ 0.4	2.2	2.0	- 0.2	4.9	5.5	+ 0.	
PM Business	3.6	3.0	- 0.5	10.0	6.5	- 3.5	18.5	12.5	- 6.	
Others, Adjustment	0.0	0.0	- 0.0	0.1	0.0	- 0.1	0.2	0.0	- 0.	

✓ No change

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### **Backlog of Orders**

(in billion yen)		1Q			2Q					4Q		
	FY18	FY19	Change	FY18	FY19		Change		FY18 FY19	FY19	Change	
	Results	Results	- 80	Results	PI.	an		900	Results	Plan	75.00	
	a	b	b-a	С	d	е	e-d	e-c	f	g	g-f	
Announced date(m/d/y)					Feb/13/19	May/14/19				Feb/13/19		
Total	420.2	447.0	+ 26.7	442.7	481.0	486.0	+ 5.0	+ 43.3	459.0	459.0		
FMS Business	193.5	209.0	+ 15.4	199.7	230.3	223.3	- 7.0	+ 23.6	209.3	208.3	- 1.0	
Pumps	95.1	90.4	- 4.7	96.0	95.1	95.1	-	- 0.8	100.1	99.1	- 1.0	
СТ	75.6	94.1	+ 18.4	79.1	109.3	102.3	- 7.0	+ 23.1	84.3	84.3		
Chillers	16.4	17.1	+ 0.6	17.9	17.7	17.7	-	- 0.2	16.7	16.7		
Others	6.3	7.3	+ 1.0	6.5	8.1	8.1	-	+ 1.6	8.1	8.1		
EP Business	186.9	207.8	+ 20.9	206.7	216.3	223.3	+ 7.0	+ 16.6	214.3	215.3	+ 1.0	
PM Business	39.7	30.1	- 9.5	36.2	34.3	39.3	+ 5.0	+ 3.0	35.3	35.3	7	
Others, Adjustment	0.0	0.0	+ 0.0	0.0	0.0	0.0	-	- 0.0	0.0	0.0		

- ✓ Revised down the first half plan of CT business to 102.3 billion yen from 109.3 billion yen (decreased 7 billion yen)
- ✓ Revised up the first half plan of EP business to 223.3 billion yen from 216.3 billion yen (increased 7 billion yen)
- ✓ Revised up the first half plan of PM business to 39.3 billion yen from 34.3 billion yen (increased 5 billion yen)

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### Net sales by region\*

(in billion yen)	FY19 1Q									
	FMS Business	EP Business	PM Business	Others, Adjustment	Total					
Total	81.5	19.1	29.0	0.4	130.1					
Japan	43.6	18.6	5.6	0.1	68.1					
Asia(excl.Japan)	19.5	0.5	15.2	0.1	35.5					
North America	6.2	-	5.7	0.0	12.0					
Europe	4.6	Ξ	1.8	0.0	6.5					
Middle East	4.5	-	0.4	0.0	5.0					
Others	2.8	-	0.0	0.0	2.8					

<sup>\*</sup> Compiled on the basis of the geographical location where the goods are sold

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### Management Policy:

### **EBARA Group's Mission**

"Technology. Passion. Support our Globe."

### Background

- ➤ We believe the future will enable more people around the world to live enriched lifestyles through the use of technological innovations such as IoT connecting all types of things, cloud technology to support IoT, artificial intelligence, autonomous driving, and 5G.
- ➤ Our mission at Ebara is to help achieve and sustain such a world.

We continue striving to exist as a company encourages employees follow their dreams and we sustain positive relations with all our stakeholders.



### Technology. Passion. Support our Globe.

### **Develop E-Vision 2030 Reform FMS Business**

Looking ahead to the future, develop management policy and business strategy Improve profitability and become an infrastructure provider supporting society, industry, and life at five continents

### **Advance ESG Management** (continued)

- **E**: Conduct business activities harmonizing with the global environment
- **S** : Accelerate transformation to a corporate culture that encourages competition and embraces challenge
- **G**: Perform a supervision function in a transparent and impartial manner

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## **Develop E-Vision 2030**

Business environment is drastically changing, including technological innovation and a business model. Looking ahead to the future of market environment and social issues, we must develop a long-term management vision.

- ⇒ Develop a vision of what we want to become in 2030 as "E-Vision 2030," along with formulation of a new medium-term management plan "E-Plan 2022" for the period from FY2020 to FY2022
  - Refine our technological capabilities
  - Develop human resources and an organization who can create a solution that anticipate customers' needs and external trends
  - A keyword is "intelligence"

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# Technology. Passion. Support our Globe.

### **Reform FMS Business**



### Improve profitability

An urgent task is to improve profitability of custom pumps business and compressors and turbines business ⇒ take measures quickly and tenaciously



#### Digitalization

Promote digitalization and improve business efficiency

⇒ from development to S&S, utilize AI and IT with the automated plant at the core



#### Globalization

Aiming to become a leading global manufacturer, accelerate our business expansion around the world ⇒ enhance overseas bases of pumps business

Have our products used by people all over the world, at five continents and become an infrastructure provider supporting society, industry, and life

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### **Advance ESG Management** (continued)

#### **Promote environmental** management

- Provide earth-friendly social infrastructure including more efficient waste power generation and energy-saving products
- Build low environmental impact production system by automation
- Conduct business activities harmonizing with the global environment

#### Transform a corporate culture

- Make our workplace more pleasant and fulfilling for every employee
- ⇒ Introduced performanceoriented human resources system, promote diversity and work style reforms
- Reform business process by digitalization including

Accelerate transformation to a corporate culture that encourages competition and embraces challenge

### **Strengthen governance**

- **Reduced Directors** concurrently serving as Executive Officers from 3 to 1
- ⇒ 7 out of 11 Directors are **Independent Directors**
- **Independent Director acts** as Chairman of the Board of Directors

The Board of Directors performs a supervision function in a transparent and impartial manner

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