

证券代码：000818

证券简称：航锦科技

公告编号：2020-034

**航锦科技股份有限公司
关于深圳证券交易所 2019 年度报告
问询函的回复公告**

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2020 4 13

2020 29

4 20

1.

7.26 1.83 79.0% 56.6%

1

105.41%

114.94% 2018 2019

2017

2018

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	2017	2018	2019	
2017	6,900.00	8,280.00	9,936.00	25,116.00
2018	6,900.00	9,000.00	10,936.00	26,836.00

		6,911.57	9,018.70	11,527.38	27,457.65
		100.17%	108.92%	116.02%	109.32%
		100.17%	100.21%	105.41%	102.32%
		6,911.57	9,107.48	11,137.92	27,156.97
		100.17%	109.99%	112.10%	108.13%
		100.17%	101.19%	101.85%	101.20%

1. 2017

2. = / 2017

3. = / 2018

4. = / 2017

5. = / 2018

1 2017 70%

2017/2018/2019 6,900 8,280

9,936

2018

2018 10 30%

2018/2019 9,000 10,936

2 2018

100.17% 100.21% 105.41% 102.32%

2018 100.17%

101.19% 101.85% 101.20%

2018

3 2017

100.17% 108.92% 116.02% 109.32%

2017 100.17%

109.99% 112.10% 108.13%

2017

2

		2017	2018	2019	
		3,600.00	4,320.00	5,184.00	13,104.00
		3,702.73	4,338.39	5,958.42	13,999.54
		102.85%	100.43%	114.94%	106.83%
		3,702.73	4,155.05	4,977.73	12,835.51
		102.85%	96.18%	96.02%	97.95%

102.85% 100.43% 114.94%

106.83%

102.85%

96.18% 96.02%

97.95%

3

2

2018

2019

2020

	2019	2019	2019	2019	2020
	4,847.93	5,747.40	8,888.70	13,748.65	8,855.69
	2,680.98	3,342.06	3,992.48	6,415.25	5,188.25
	2,443.54	1,902.52	3,496.70	6,878.05	2,890.42
	1,503.25	1,612.01	3,051.78	5,791.13	2,848.63
	3,213.25	4,755.45	4,127.00	16,180.31	6,610.48
	-1,368.07	-1,357.68	479.70	5,286.90	3,192.09

	2019	2018	
	2020	8,855.69	2019
4007.76	2020		
	2019		2019
	2020		2019
	2020	10,316.34	2019
3,360.43	2019		
	2020		
	1800	2020	

	2019	2019	2019	2019
300408				
	74,670.75	61,557.91	63,464.16	72,952.35
	36,718.43	29,310.55	33,776.35	39,086.26
	27,131.74	28,146.59	23,666.22	22,189.67
300139				
	1,894.50	2,303.12	2,351.31	
	694.96	1,940.65	2,513.35	
	261.34	-4,533.84	250.75	
300101				
	10,132.65	8,840.33	11,199.77	
	6,375.47	4,292.03	7,040.22	
	308.12	336.26	-458.35	
300474)				

	8,842.40	16,865.57	12,835.83	
	3,147.33	3,225.53	3,343.77	
	2,240.53	6,425.19	4,663.52	
002368				
	155,931.91	145,344.98	157,127.44	
	118,699.64	111,796.33	118,394.21	
	2,068.79	-690.12	4,013.01	
000561)				
	17,260.30	29,462.85	22,397.11	65,358.02
	10,790.36	17,197.02	12,502.40	43,848.12
	-1,936.22	2,310.58	106.49	5,581.07
002058				
	1,966.74	2,107.57	2,369.57	2,507.38
	1,310.40	1,363.78	1,667.19	2,014.45
	-334.14	-54.36	-82.07	-774.19
600562)				
	20,550.75	25,673.82	30,189.02	39,618.27
	15,849.17	21,196.58	25,377.49	32,881.20
	2,042.44	212.61	622.21	1,579.75
600990				
	29,918.09	69,908.43	51,689.07	
	24,643.71	58,923.44	43,594.00	
	-5,584.86	47.02	-1,998.85	

2017/2018

1

2

3

3 2018 2019

2018 2019

1

	2019			2018		
			(%)			(%)
1	Z	5,876.80	19.17		5,554.42	20.55
2		2,842.51	9.27		4,591.06	16.98
3		2,311.83	7.54	Z	4,438.46	16.42
4		2,269.04	7.40		2,619.95	9.69
5		2,101.86	6.86		1,618.66	5.99
		15,402.04	50.24		18,822.55	69.63

2018 2019

2019

2018

2019

931.17

()

1

	2019			2018		
			(%)			(%)
1	ZCQD	7,096.50	18.04	XYJZ	2,046.98	14.48
2	JHWT	2,335.81	5.94	SYGD	844.83	5.98
3	BJKT	2,025.82	5.15	MKT	772.40	5.46
4	XYJZ	1,819.20	4.63	ZCQD	662.99	4.69
5	SYTL	1,610.11	4.09	JLDZ	642.89	4.55
		14,887.44	37.85		4,970.09	35.16

2019

ZCQD SYTL

2018 12

2018 12

2019

ZCQD

JHWT

2018

269.76

2019

BJKT

2018

482.76

2019

2019

2

	2019			2018		
			(%)			(%)
1	CEAC TECHNOL HK LIMITED	6,813.49	31.18	XLK	1,117.70	13.77
2	ZDNJ	3,069.80	14.05	CEAC TECHNOL HK LIMITED	584.46	7.20
3	XLK	1,796.41	8.22	FS	469.32	5.78

4	VICOR CORPORATION	1,478.45	6.77	ARROWELECTRONICS NIC SCHINALTD	256.46	3.16
5	SHMW	785.54	3.60	SLTK	235.64	2.90
		13,943.69	63.82		2,663.58	32.81

2019
 LIMITED ZDNJ VICOR CORPORATION
 2018 12
 2018 12
 CEAC TECHNOL HK LIMITED
 SHMW 2018 110.34 2019

4

2018

2018 4

2019 5

2017

2019

FPGA/GPU 3

2019 11

44%

2020 2

45%

2020 1-4

27.66%

2019 12

5,980

GPU

5

30,263.10

3.12%

2018

31,237.71

41,131.93

359.68%

2018

8,947.95

2018

2018

37,346.74

3,821.13

2019

2018

2019

2018

	27,030.60	7,749.41	2,566.73		37,346.74
		1,658.15		2,162.98	3,821.13

634.85

346.36

2019

2019 2018

2019					
	19,901.84	6,677.58	1,389.47	2,294.21	30,263.10
	13,243.18	2,716.83	121.37	25,050.54	41,131.93

2018					
	21,154.45	7,749.41	2,566.73	261.69	31,732.28
	5,876.14	1,311.80		1,901.29	9,089.23

2018

634.85

3.12%

359.68%

6

57.44%

0.37%

31.31%

6.86%

2018

2019

1

2018

2019

	2019			2018		
	35,089.65	15,673.20	55.33%	26,774.27	11,923.18	55.47%
	3,758.28	1,542.04	58.97%	5,185.93	1,994.30	61.54%

	2,425.20	1,902.41	21.56%	4,291.22	2,274.01	47.01%
PCB	691.10	451.99	34.60%	1,374.65	742.22	46.01%
	27,339.82	20,832.39	23.80%	2,162.98	1,532.98	29.13%
	2,580.04	1,089.31	57.78%			

2019

2019

2018

2018

20%

73.96%

2019

2019 PCB

2018

2019

2

			2019 (%)	2018 (%)
300474			74.79	76.52
300139			21.38	60.52
300408			49.06	54.20
300101			41.31	47.47
000561			37.29	44.04
002058			29.00	37.21
002368			23.89	22.22
600562			17.86	18.38
600990			16.07	14.95
			34.52	41.72
			42.39	53.44

3

2018 2019 8.26%

2019 3.3 23% 1.2

33% 2019 5.42%

2019 3.93 9.34% 2018

1

2.

30.48 1.23 10.9% 68.1%

	2020			
	24,230.01	10,578.43	13,651.58	56.34%
	14,406.91	13,922.02	484.89	3.37%
	11,860.65	10,873.08	987.57	8.33%
	5,801.61	6,228.82	-427.21	-7.36%
	3,481.65	3,571.89	-90.25	-2.59%

	2019			
	111,565.44	43,870.27	67,695.17	60.68%
	79,299.24	80,999.83	-1,700.59	-2.14%

	49,208.91	47,089.94	2,118.97	4.31%
	29,741.03	30,799.21	-1,058.18	-3.56%
	13,821.93	14,153.68	-331.75	-2.40%

	2018			
	126,854.93	39,803.11	87,051.82	68.62%
	77,389.37	73,737.82	3,651.56	4.72%
	65,912.19	54,607.67	11,304.52	17.15%
	31,930.81	34,364.70	-2,433.89	-7.62%
	17,051.41	15,028.65	2,022.76	11.86%

		2019	2018	
000698		51,968.95	58,779.97	-12.88%
		211,892.27	236,204.19	-10.29%
	2019	732.47%		

* 000698 2020 4 10 2019

		2019	2018	
601678		/	/	
	()	2,685.87	3,315.41	-18.99%
		8,735.84	10,264.51	-14.89%
	2019	35.14%		

* 601678 2020 2 13 2019

		2019 3	2018 3	
600230		/	/	
	(32%)	644.07	790.12	-18.49%
	2019	93.95%~96.98%		

* 600230 2019 10 29 2019

2019 2018

2020

		2020	2019	2018
		205,189	796,498	781,610
		213,640	888,385	864,875
		21,232	16,535	11,036

	2020	2019	2018
	49,090	228,690	238,498
	4,413	20,560	26,767
	53,503	249,249	265,265

2019
;2020

13,767
1,077

				836,982,146.13
1	()	645,690,854.96	()	13,212,804.09
2	()	-	()	14,000,000.00
-	()	14,000,000.00	()	
2		497,365,618.41		504,206,262.99
		960,347.98		-

1

228,303,477.53

23,799,382.27

13,212,804.09

6

9

6+9

0

6+9

()

2

SPPI

()

14,000,000.00

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2019

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2019

5,880,296.60

	2018 12 31	2019 1 1	
[1]	47,113,163.62	38,640,701.90	-8,472,461.72
[2]	452,734,248.64	666,579,607.85	213,845,359.21
[3]	120,065,315.46	119,047,069.92	-1,018,245.54
[4]	839,852,001.83	821,231,793.93	-18,620,207.90

1

8,472,461.72

2

213,845,359.21

3				
		1,018,245.54		
4				
23,799,382.27			3,757,984.36	
1,018,245.54			402,944.47	
		18,620,207.90		
4.		2018	2019	
1,670.53		2,014.13		
	2018	8	20	27
		2018		2018
8	21			18,000,000.00
			6.20	11,160,000.00
			111,600,000.00	18,000,000.00
		-	93,600,000.00	
		111,600,000.00	-	111,600,000.00
			36	
(1)				12
		24		
40%				
(2)				24
		36		
40%				
(3)				36

			48						
20%									
	2018					4.037			
			2018	2019					
	9.284					2018	2019	2020	
						16.106			
						18,000,000.00	2018	10	
	21							2018	
12	31	2				50,000.00			
						17,950,000.00			
			100,000.00				2019		
	50,000.00						2018	8	21
	10.44	/							
4.24	/	36							
					2018	12	31		
	2018					16,705,285.93			
	2019	10	21				2018		
	2018								
								343	
						715.60			
							5		11.00
							2019	12	31
						1,073.40			30
	2020								
									33.00
2018	8	21			10.44	/			
			4.24	/		36			
							2019	12	31

	2019	20, 141, 256. 30
5.		3, 770. 50
54. 01%		

	2019	2018	
	854. 63	698. 23	22. 40%
	2, 915. 86	1, 750. 00	66. 62%
	1, 291. 46	923. 96	39. 77%
	924. 16	709. 94	30. 18 %
	700. 24	116. 10	503. 12%

		54. 01%
2018 12 1		2018
12, 492, 406. 15		20%
6.		746. 59
	331. 76	383. 89
1		
5. 00%		7. 38%
	2018	



14

12

12

12 (12)



4

1.

	2016	2017	2018	2019
1	26,365.46	23,832.26	32,668.13	32,060.92
1-2	1,749.00	2,605.44	6,946.14	3,410.88
2-3	65.68	611.02	256.58	1,532.82
3-4	260.96	46.56	599.80	247.54
4-5	62.27	45.97	46.53	595.05

5	27.77	46.03	92.00	113.50
	28,531.14	27,187.28	40,609.18	37,960.71

	2016 2017	2017 2018	2018 2019			
1	9.88%	29.15%	10.44%	16.49%	1.42%	2.00%
1-2	34.94%	9.85%	22.07%	22.28%	8.60%	10.00%
2-3	70.90%	98.16%	96.48%	88.51%	38.59%	40.00%
3-4	17.61%	99.93%	99.21%	72.25%	43.60%	50.00%
4-5	51.12%	100.00%	81.94%	77.69%	60.35%	60.00%
5	51.12%	100.00%	81.94%	77.69%	77.69%	80.00%

	2019	2019	%
1	1,603.05	1,633.41	5.00%
1-2	341.09	694.61	10.00%
2-3	229.92	38.49	15.00%
3-4	49.51	119.96	20.00%
4-5	178.51	13.96	30.00%
5	56.75	46.00	50.00%
	2,458.83	2,546.42	

	2019	2019	%
1	641.22	653.36	2.00%
1-2	341.09	694.61	10.00%

2

4-5	357.03	27.92	60.00%
5	90.80	73.60	80.00%

3-4	-	-	-	-	-	100.00%
4-5	-	-	-	-	-	100.00%
5	-	-	-	-	-	100.00%

	2019		
	2019	2019	
1	156.90	138.39	5.00%
1-2	-	16.17	10.00%
2-3	-	0.08	15.00%
3-4	0.10	-	20.00%
4-5	-	-	30.00%
5	-	-	50.00%
	157.00	154.64	

	2019		
	2019	2019	
1	31.38	27.68	1.00%
1-2	-	8.08	5.00%
2-3	-	0.21	40.00%
3-4	0.52	-	100.00%
4-5	-	-	100.00%
5	-	-	100.00%
	31.90	35.97	

3-4	0.41	-
4-5	-	-
5	-	-
	-125.11	-118.66

%

1										4.38
0-6	5.00	5.00	5.00	5.00	5.00	5.00	0.00	5.00	5.00	0.00
7-12							2.50			2.50
1-2	20.00	20.00	30.00	10.00	10.00	10.00	5.00	10.00	10.00	14.38
2-3	50.00	50.00	80.00	50.00	30.00	20.00	15.00	30.00	15.00	40.63
3-4	100.00	100.00	100.00	100.00	90.00	40.00	35.00	50.00	20.00	76.88
4-5	100.00	100.00	100.00	100.00	100.00	60.00	80.00	80.00	30.00	90.00
5	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	50.00	100.00
	10.15	12.63	6.85	36.59	5.01	11.36	11.86	9.06	6.36	12.94
	10.15	12.63	6.85	48.11	5.01	11.32	11.86	9.06	11.21	14.37

2019

2019

2018



7.				37,866.99
	9.22%			
			26.74%	
	-81.42			
2018		18,033,534.56		2018
			14,134,054.78	2018
		3,899,479.78	2019	
3,779,670.78			-81.42	



	50,430.55	35,782.19	1,912.95	166.18
-	50,430.55	35,782.19	1,912.95	166.18
	21,613.09			159.66
= +	72,043.65	35,782.19	1,912.95	325.84
	72,043.65	35,782.19	1,912.95	325.84
	3,449.31	5,513.07	240.79	219.69
= +	75,492.96	41,295.27	2,153.75	545.53
	86,234.56	41,643.21	2,965.56	4,849.00
(0) = -	-	-		
	-	-		

(2)

()

2020 4 2

(2020)0321

2020 4 2

(2020)0368

()

2020 4 2

(2020)0361

3)

	2020 -2024	[1]	-		13.40%
	2020 -2024	[2]	-		13.50%
	2020 -2024	[3]	-		15.50%
	2020 -2024	[4]	-		14.53%

[1]

2020
2020 -6.22%
2021 2024 9.04%

6.22% 5.15% 5.06% 2025

	3.14%	10 3.23%
Beta	1.049	Beta
	7.29%	= + [3]

[2]

SMT

2020
 , 2020 2024 3.14% 3.16%
 3.18% 3.19% 2.49% 2025

	3.14%	10 3.14%
Beta	0.924	Beta
	7.29%	= + [5]

[3]

2020

2020

3.44% 2021 2024

5.00% 4.00% 3.00% 3.00%

2025

	3.14%	10 3.14%
Beta	0.923	Beta
	7.29%	+ = [5]

[4]

2020

2020 2024

-5.14% 20.00%

20.00% 20.00% 10.19%

[5]

1

=

-

500

500

<http://finance.yahoo.com/>

10

Wind

2

7.29%

2

1

2020

2024

-6.22% 9.04% 6.62% 5.15% 5.06%

5% 10%

1	10%	95,465.00	10.70%	0.00
2	5%	90,849.81	5.35%	0.00
3	0.00%	86,234.56	0.00%	0.00
4	-5%	81,619.39	-5.35%	0.00
5	-10%	77,004.12	-10.70%	0.00

5% 10%

1	10%	90,052.35	4.43%	0.00
2	5%	88,143.46	2.21%	0.00
3	0.00%	86,234.56	0.00%	0.00
4	-5%	84,325.71	-2.21%	0.00
5	-10%	82,416.81	-4.43%	0.00

2020 2024 41.68%

41.74% 41.22% 41.57% 41.48% 41.48%

5% 10%

1	10%	97,749.24	13.35%	0.00
2	5%	91,991.90	6.68%	0.00
3	0.00%	86,234.56	0.00%	0.00
4	-5%	80,477.22	-6.68%	0.00
5	-10%	74,719.88	-13.35%	773.08

2020 2024 13.40%

13.40%

0.5% 1%

1	14.40%	1%	78,569.51	-8.89%	0.00
2	13.90%	0.50%	82,260.09	-4.61%	0.00
3	13.40%	0.00%	86,234.56	0.00%	0.00
4	12.90%	-0.50%	90,526.09	4.89%	0.00
5	12.40%	-1%	95,173.24	10.37%	0.00

2

2020 2024

3.14% 3.16% 3.18% 3.19% 2.49%

5% 10%

1	10%	47,633.05	14.38%	0
2	5%	44,638.13	7.19%	0
3	0.00%	41,643.21	0.00%	0
4	-5%	38,648.29	-7.19%	2,646.98
5	-10%	35,653.37	-14.38%	5,641.90

5% 10%

1	10%	45,360.65	8.93%	0
2	5%	43,501.93	4.46%	0
3	0.00%	41,643.21	0.00%	0
4	-	.84		

1	14.5%	1%	38,413.68	-7.76%	2,881.59
2	14%	0.5%	39,970.19	-4.02%	1,325.08
3	13.5%	0.00%	41,643.21	0.00%	0
4	13%	-0.5%	43,446.21	4.33%	0
5	12.5%	-1%	45,394.79	9.01%	0

3

2020 2024

3.44% 5.00% 4.00% 3.00% 3.00%

5% 10%

1	-10.00%	852.27	-71.26%	1,301.48
2	-5.00%	1,908.91	-35.63%	244.83
3	0.00%	2,965.56	0.00%	-
4	5.00%	4,022.20	35.63%	-
5	10.00%	5,078.85	71.26%	-

5% 10%

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1	-10.00%	1,731.73	-41.61%	422.02
2	-5.00%	2,348.64	-20.80%	-
3	0.00%	2,965.56	0.00%	-
4	5.00%	3,582.47	20.80%	-
5	10.00%	4,199.39	41.61%	-

2020 2024 8.58%

8.85% 9.03% 9.14% 9.24% 9.24%

5% 10%

1	-10.00%	928.40	-68.69%	1,225.34
2	-5.00%	1,946.98	-34.35%	206.77
3	0.00%	2,965.56	0.00%	-
4	5.00%	3,984.14	34.35%	-
5	10.00%	5,002.71	68.69%	-

2020 2024 15.50%

15.50%

0.5% 1%

1	14.50%	-1.00%	4,187.53	41.21%	-
2	15.00%	-0.50%	3,554.80	19.87%	-

3	15.50%	0.00%	2,965.56	0.00%	-
4	16.00%	0.50%	2,415.68	-18.54%	-
5	16.50%	1.00%	1,901.57	-35.88%	252.18

4

A.

2020 2024

-5.14% 20.00% 20.00% 20.00% 10.19%

5% 10%

1	-10.00%	3,305.00	-31.84%		-
2	-5.00%	4,013.00	-17.24%		-
3	0.00%	4,849.00	0.00%		-
4	5.00%	5,830.00	20.23%		-
5	10.00%	6,974.00	43.82%		-

B.

5% 10%

1	-10.00%	4,523.00	-6.72%		-
2	-5.00%	4,686.00	-3.36%		-
3	0.00%	4,849.00	0.00%		-
4	5.00%	5,012.00	3.36%		-
5	10.00%	5,175.00	6.72%		-

C.

18.28% 18.30% 18.31% 18.31% 2020 2024 18.27%
18.31%
5% 10%

1	-10.00%	1,808.00	-62.71%	-
2	-5.00%	3,329.00	-31.35%	-
3	0.00%	4,849.00	0.00%	-
4	5.00%	6,370.00	31.37%	-
5	10.00%	7,890.00	62.71%	-

D.

14.53% 2020 2024 14.53%
0.5% 1%

1	13.53%	-1.00%	5,281.00	8.91%	0
2	14.03%	-0.50%	5,057.00	4.29%	0
3	14.53%	0.00%	4,849.00	0.00%	0
4	15.03%	0.50%	4,655.00	-4.00%	0
5	15.53%	1.00%	4,474.00	-7.73%	0

9.

53.91%

2.42

30

6

4,360

2020 3 31

2.04

1.4

10.3 30

<http://218.60.144.99>

2019

2019 10 20

5500

2015 164

10mg/m3,

35 mg/m3 NOX NO2

50 mg/m3 2018

6000

DB21-1627-2008

TOC 20 mg/L

NH3-N

8 10 mg/L

TN 15 mg/L

P

0.5 mg/L

pH6~9

SS 30 mg/L

11. 55

0

2019



9 5
,
6 6
2019
2019 5
3
3 2020 4 7 2019
2019 2019
2019 A 476
1186 380 656
0
000014 A 000025 000029
000039

55

56

2019