



15 May 2017

Subject: Management Discussion & Analysis for Quarter 1 ending 31 March 2017

To: The President

The Stock Exchange of Thailand

Harn Engineering Solutions Public Company ("The Company") would like to provide information on the Company's operating results for Quarter 1 ending 31 March 2017 duly reviewed by the auditor, as follows:

| (Unit: Million Baht)             | Q1/2017 | Q1/2016 | Increase<br>(Decrease) | % Change |
|----------------------------------|---------|---------|------------------------|----------|
| Revenues from sales and services | 292.80  | 161.61  | 131.19                 | 81.17    |
| Other revenues                   | 5.03    | 5.27    | (0.24)                 | (4.55)   |
| Total revenues                   | 297.84  | 166.88  | 130.96                 | 78.47    |
| Costs of sales and services      | 212.57  | 126.58  | 85.99                  | 67.93    |
| Selling expenses                 | 20.18   | 8.86    | 11.32                  | 127.76   |
| Administrative expenses          | 34.06   | 14.39   | 19.67                  | 136.69   |
| Finance costs                    | -       | -       | -                      | -        |
| Profit before income tax         | 31.03   | 17.05   | 13.98                  | 81.99    |
| Income tax                       | 4.92    | 3.61    | 1.31                   | 36.28    |
| Net profit                       | 26.11   | 13.43   | 12.68                  | 94.41    |
| Gross profit margin (%)          | 27.40%  | 21.67%  |                        |          |
| Net profit margin (%)            | 8.76%   | 8.05%   |                        |          |

In Q1/2017, the Company recorded total revenues of Baht 292.80 million, increasing by baht 131.19 million or 81.17% from that in the same period of the previous year of Baht 161.61 million.









## The segment of revenues from sales and services by business.

| (Unit: Million Baht)                   | Q1/2017 | Q1/2016 |
|--|---------|---------|
| Fire protection systems and projects   | 135.76  | 149.38  |
| Air-conditioning and sanitary products | 21.36   | 12.22   |
| Refrigeration systems                  | 65.54   | -       |
| Digital printing systems               | 70.14   | -       |

## The segment of gross profit by business.

| (Unit: Million Baht)                   | Q1/2017 | Q1/2016 |
|--|---------|---------|
| Fire protection systems and projects   | 32.66   | 31.23   |
| Air-conditioning and sanitary products | 5.54    | 3.80    |
| Refrigeration systems                  | 17.64   | -       |
| Digital printing systems               | 24.40   | -       |

Net profit, Baht 26.11 million increased Baht 12.68 million or 94.41% in the same period of 2016, Baht 13.43 million.

In Q1/2017, more expenses are increased, the costs of sales and services expenses increased Baht 11.32 million and the administrative expenses increased Baht 19.67 million. The main reason of increase are expenses for new business units: the refrigeration systems and the digital printing systems. Such as salary and allowance, the warehouse rental expenses, and the customer relationship expenses. Finally, the depreciation and amortization of the assets that the company had received from the merger companies.

Sincerely yours

(Mr. Wirat Sukchai) Managing Director



