

Ad Hoc Announcement

RSTI: New Record Highs in Sales, Net Income and Order Entry

Plymouth, MI / Hamburg, Germany -- January 31, 2008 -- ROFIN-SINAR Technologies Inc. (NASDAQ: RSTI), one of the world's leading developers and manufacturers of high-performance laser beam sources and laser-based solutions, today announced results for its first fiscal quarter ended December 31, 2007.

- First Quarter -

Net sales totaled \$134.7 million for the first quarter ended December 31, 2007, a 21% increase over the comparable quarter of fiscal year 2007. The impact of the weakening US-dollar, mainly against the Euro, resulted in an increase in net sales of \$11.1 million in the first quarter. Gross profit totaled \$58.7 million, or 44% of net sales, compared to \$45.9 million, or 41% of net sales in the same period of fiscal year 2007. Net income amounted to \$16.9 million, or 13% of net sales, compared to \$11.5 million or 10% of net sales in the comparable quarter last fiscal year. Diluted earnings per share equaled \$0.53 for the quarter based upon 31.6 million weighted-average common shares outstanding, compared to diluted earnings per share of \$0.36 based upon 31.7 million weighted-average common shares outstanding for the same period last fiscal year.

SG&A in the amount of \$24.0 million, representing 18% of net sales, increased by \$3.3 million compared to last fiscal year's first quarter. This was mainly due to increased investments in sales and marketing activities. Net R&D expenses increased by \$2.6 million to \$8.8 million compared to \$6.2 million in the first quarter in fiscal year 2007 and represented 7% of net sales.

Sales of laser products used for macro applications increased by 38% to \$61.2 million, accounting for 45% of total sales. Sales of lasers for marking and micro applications increased by 10% to \$63.4 million and represented 47% of total revenues. Sales for components increased slightly to \$10.1 million and represented 8% of total revenues.

Net sales in North America decreased by 10% to \$27.4 million, while net sales in Europe/Asia increased by 32% to \$107.3 million.

Order entry for the quarter of \$157.9 million was at a new record high and resulted in an order backlog of \$139.8 million on December 31, 2007.

As of December 31, 2007, the Company has bought approximately 1.7 million shares of common stock under the buyback program for a total amount of \$78.0 million.

The Company also announced that it completed, on January 24, 2008, the acquisition of US-based fiber manufacturer Nufern.

The full text of the press release and further information including comprehensive financial data is available online at www.rofin.com – Investor Relations – Press Releases.