RTI INTERNATIONAL METALS INC Form 11-K June 08, 2006

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UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549 FORM 11-K FOR ANNUAL REPORTS OF EMPLOYEE STOCK REPURCHASE SAVINGS AND SIMILAR PLANS PURSUANT TO SECTION 15(d) OF THE SECURITIES ACT OF 1934

(Mark One):

þ ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

FOR THE YEAR ENDED DECEMBER 31, 2005

o TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

FOR THE TRANSITION PERIOD FROM _____ TO ____

COMMISSION FILE NUMBER 1-14437

A. Full title of the plan and the address of the plan, if different from that of the issuer named below:

RMI TITANIUM COMPANY

BARGAINING UNIT EMPLOYEE SAVINGS

AND INVESTMENT PLAN

B. Name of issuer of the securities held pursuant to the plan and the address of its principal executive office:

RTI INTERNATIONAL METALS, INC.

1000 WARREN AVENUE NILES, OHIO 44446-0269

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REQUIRED INFORMATION

The financial statements of the RMI Titanium Company Bargaining Unit Employee Savings And Investment Plan (the Plan) and accompanying report of the independent registered public accounting firm for such Plan set forth as Exhibit 99.1 are being furnished pursuant to the rules and regulations of the Securities and Exchange Commission. Index to Exhibits

Exhibit 23.1 Consent of Beard Miller Company LLP

Exhibit 99.1 Financial Statements of the Plan for the year ended December 31, 2005

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant (who administers the employee benefit plan) has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

RMI BARGAINING UNIT EMPLOYEE SAVINGS AND INVESTMENT PLAN

By: RTI International Metals, Inc.,

its administrator

Date: June 8, 2006 By: /s/ William T. Hull

William T. Hull,

Vice President and Chief Accounting Officer

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