Filed by Alcoa Inc.
Pursuant to Rule 425 under the Securities Act of 1933
and deemed filed pursuant to Rule 14a-12
of the Securities Exchange Act of 1934

Subject Company: RTI International Metals, Inc.
Commission File No.: 001-14437

The following questions and answers were posted on a website hosted by Alcoa for RTI employees on March 9, 2015.

Frequently Asked Questions

How will I likely be affected by this acquisition? Will I still have a job?

While we can't yet answer this question for you individually, we know RTI International Metals has been a success because of its people and we intend to build on that success. We believe the combination of Alcoa and RTI will make us both stronger.

Will there be changes to working hours or other operations during the transition?

The deal has to undergo government approvals, something both companies will work on intensely to facilitate. Through that time, it will be business as usual, without changes.

How will my pay and benefits/pension be affected?

Nothing will change at this time. Everything is business as usual, and you will continue to earn and access your benefits as you have.

Alcoa will use the time until the transaction closes to study how the RTI International Metals' benefit and pension plans will fit with our existing plans. We will keep you informed of any changes as decisions are made.

What is Alcoa's relationship with the United Steelworkers?

Alcoa has a longstanding relationship with the Steelworkers and currently has over 6,500 employees covered under collective bargaining agreements with the Steelworkers. We expect those relationships to continue once the deal is complete.

Will the current leadership continue to run the business?

Alcoa recognizes the strength of the leadership team and the success that they have brought to RTI International. We are interested in having them continue to support RTI International in the future and are discussing future employment opportunities with them now that we have signed the purchase agreement.

Will there be opportunities for RTI International employees to advance?

RTI International has a strong talent pool and operating experience. Combining our companies also presents many growth opportunities for you. RTI International employees will be integrated into Alcoa's global talent management system, which includes a world-class program to develop top talent, including an established mentoring program, strong leadership development training programs, and annual employee engagement targets and measurement of employee feedback.

Previous acquisitions show we have a great track record in this area. Olivier Jarrault, who leads the Engineered Products and Solutions group of which RTI International will be a part, came to Alcoa through an acquisition and is now running our most profitable business group; Mike Pepper, President of Alcoa Power and Propulsion, joined through the acquisition of Howmet. Alcoa believes our people are our only true sustainable advantage.

Why bring our companies together?

Together, we'll be positioned to meet demand for titanium parts in the soaring aerospace market, tapping into the fastest growing aerospace metal to capture even greater growth than either of us can achieve alone. We'll build on our advanced manufacturing and materials technologies. From ingot to finished product, wing support structures and fuselage frames to landing gear components and fasteners, we will enhance our role as leading innovators.

How does Alcoa operate?

One constant across our 125+ year history is our enduring Values. Better than anything else, those Values answer the question, "Who is Alcoa?"

As you get to know us, you'll find that Alcoans live our Values every day, everywhere, collaborating for the benefit of our customers, investors, employees, communities, and partners. We operate according to five Values:

- Integrity: We are open, honest and accountable.
- Environment, Health and Safety: We work safely, promote wellness, and protect the environment.
- Excellence: We relentlessly pursue outstanding and sustainable results.
- Innovation: We creatively transform ideas into value.
- Respect: We treat all people with dignity and provide a diverse, inclusive work environment.

Forward-Looking Statements

Certain statements in this report, including statements regarding the proposed acquisition of RTI by Alcoa, the expected timing, closing and benefits of the transaction, the expected synergies, the expected contribution of RTI to Alcoa's revenues and profitability, the expected acceleration of Alcoa's portfolio transformation, the expected size, scope and growth of the combined company's operations and the markets in which it will operate, including the aerospace market, the anticipated issuance of Alcoa common stock in exchange for RTI stock in the transaction, as well as Alcoa's plans, objectives, strategy, and intentions, may contain words such as "anticipates," "believes," "could," "estimates," "expects," "forecasts," "intends," "may," "outlook," "plans," "projects," "seeks," "sees," "should," "targets," "will," or other words of similar meaning that constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These statements are based on Alcoa's current expectations, estimates, forecasts and projections about the proposed transaction and the operating environment, economies and markets in which Alcoa and RTI operate. In making these statements, Alcoa has made assumptions with respect to: the ability of Alcoa and RTI to achieve expected synergies and the timing of same; the ability of Alcoa and RTI to predict and adapt to changing customer requirements, demand, and preferences; future capital expenditures, including the amount and nature thereof; trends and developments in the aerospace, metals engineering (including aluminum and titanium), advanced manufacturing, and other sectors of the economy that are related to these sectors; business strategy and outlook; expansion and growth of business and operations; credit risks; future results being similar to historical results; expectations related to future general economic and market conditions; and other matters, many of which are beyond Alcoa's control. Alcoa's beliefs and assumptions are inherently subject to significant business, economic, competitive and other uncertainties and contingencies regarding future events and as such, are subject to change and may prove to be inaccurate. Actual results or events could differ materially from those contemplated in forward-looking statements as a result of numerous risks and uncertainties, including: (a) the risk that the businesses will not be integrated successfully or such integration may be more difficult, time-consuming or costly than expected, which could result in additional demands on Alcoa's resources, systems, procedures and controls, disruption of its ongoing business and diversion of management's attention from other business concerns; (b) the effect of an increased number of Alcoa shares outstanding as a result of the proposed transaction; (c) the possibility that certain assumptions with respect to RTI or the proposed transaction could prove to be inaccurate; (d) failure to receive the required votes of RTI's shareholders to approve the transaction; (e) failure to receive, delays in the receipt of, or unacceptable or burdensome conditions imposed in connection with, all required regulatory approvals of the proposed transaction, or the failure to satisfy the other closing conditions to the proposed transaction; (f) the potential failure to retain key employees of Alcoa or RTI as a result of the proposed transaction or during integration of the businesses; (g) potential sales of Alcoa common stock issued in the acquisition; (h) the potential loss of customers, suppliers, and other business relationships of Alcoa or RTI as a result of the transaction; (i) consequences of investigations by governmental agencies or regulatory authorities; (j) the failure to capitalize on anticipated growth in the commercial aerospace market; and (k) the other risk factors summarized in Alcoa's Form 10-K for the year ended December 31, 2014, and other reports filed with the Securities and Exchange Commission. Alcoa disclaims any obligation to update publicly any forward-looking statements, whether in response to new information, future events or otherwise, except as required by applicable law. Market projections are subject to the risks discussed above and other risks in the market. Nothing on Alcoa's website is included or incorporated by reference herein.

Additional Information and Where to Find It

This document does not constitute an offer to sell or the solicitation of an offer to buy any securities or a solicitation of any vote or approval nor shall there be any sale of securities in any jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such jurisdiction. The proposed business combination transaction between Alcoa and RTI will be submitted to the shareholders of RTI for their consideration. Alcoa will file with the Securities and Exchange Commission (the "SEC") a Registration Statement on Form S-4 that will include a proxy statement of RTI that also constitutes a prospectus of Alcoa. RTI will provide the proxy statement/prospectus to its shareholders. Alcoa and RTI also plan to file other documents with the SEC regarding the proposed transaction. This document is not a substitute for any prospectus, proxy statement or any other document which Alcoa or RTI may file with the SEC in connection with the proposed transaction. INVESTORS AND SECURITY HOLDERS OF RTI ARE URGED TO READ THE PROXY STATEMENT/PROSPECTUS AND ANY OTHER RELEVANT DOCUMENTS THAT WILL BE FILED WITH THE SEC CAREFULLY AND IN THEIR ENTIRETY WHEN THEY BECOME AVAILABLE BECAUSE THEY WILL CONTAIN IMPORTANT INFORMATION ABOUT THE PROPOSED TRANSACTION. You may obtain copies of all documents filed with the SEC regarding this transaction, free of charge, at the SEC's website (www.sec.gov). You may also obtain these documents, free of charge, from both Alcoa's website (www.alcoa.com) and RTI's website (www.rtiintl.com).

Participants in the Solicitation

Alcoa, RTI, and certain of their respective directors, executive officers and other members of management and employees may be deemed to be participants in the solicitation of proxies from RTI shareholders in connection with the proposed transaction. Information regarding the persons who may, under the rules of the SEC, be deemed participants in the solicitation of RTI shareholders in connection with the proposed transaction will be set forth in the proxy statement/prospectus when it is filed with the SEC. You can find information about Alcoa's executive officers and directors in its definitive proxy statement filed with the SEC on March 18, 2014 and in its Annual Report on Form 10-K filed with the SEC on February 19, 2015. You can find information about RTI's executive officers and directors in its definitive proxy statement filed with the SEC on February 26, 2015. Additional information about Alcoa's executive officers and directors and RTI's executive officers and directors can be found in the above-referenced Registration Statement on Form S-4 when it becomes available. You can obtain free copies of these documents from Alcoa and RTI as described in the preceding paragraph.