



SHEFFIELD APPOINTS HATCH TO DELIVER BFS FOR THUNDERBIRD PROJECT

Sheffield Resources Limited (“Sheffield”, “the Company”) (ASX:SFX) is pleased to announce the appointment of leading engineering group Hatch to deliver the Bankable Feasibility Study (“BFS”) for the Company’s Thunderbird Mineral Sands Project (“Thunderbird”), near Derby in Western Australia.

Having sought competitive proposals from a number of Tier 1 engineering groups, Sheffield selected Hatch for its significant knowledge and experience in mineral sands and its deep expertise in the ilmenite processing technology, which is applicable to Thunderbird. Hatch also has a long history of delivering world class Feasibility Studies for greenfield resources projects.

The BFS appointment follows the Pre-feasibility Study (“PFS”) Update released in October 2015, which confirmed Thunderbird is a strategic, high margin, zircon-rich asset located in one of the world’s most stable mining jurisdictions.

The scope of the BFS will be similar to the PFS, however Sheffield has taken the opportunity to capture the benefit of higher head-grade in the Project’s early years by further refining its two-stage production strategy as described in the PFS. Under the new strategy, it is planned that throughput will commence at 7.5Mtpa and ramp up to 15Mtpa from approximately year four. This throughput design provides for similar total production from Thunderbird over the first seven years of operation, however reduces the initial size of the plant, and is likely to decrease the upfront capital requirement.

The exact timing of the move to 15Mtpa will be refined through the BFS process in conjunction with marketing initiatives including discussions with potential offtake partners. The BFS will also investigate processing simplifications that may allow further reductions in capital, operating costs and risk.

Sheffield Managing Director Bruce McFadzean said: “The global significance of the Thunderbird Project demands a quality study that delivers the optimum result. As a well-respected engineering consultant with a highly experienced team, we are confident that Hatch is the right group to meet that expectation.

“We look forward to working with Hatch and our other key consultants and stakeholders as we progress Native Title, permitting and community engagement, in parallel with the BFS.

“Thunderbird is a world-class project with a projected mine life of over 40 years and is one of the few selected Western Australian mining projects that enjoys ‘Lead Agency’ status with Department of Mines and Petroleum (DMP).”

ENDS

For further information please contact:
Bruce McFadzean
Managing Director
Tel: 08 6424 8440
Email: info@sheffieldresources.com.au
Website: www.sheffieldresources.com.au

Media: Luke Forrestal
Cannings Purple
Tel: 0411 479 144
lforrestal@canningspurple.com.au