



Steel Authority of India Limited
Rourkela Steel Plant
Rourkela – 769011

Ref. No. : 691/EE/59

Date : 06/07/2018.

To : The Member Secretary
Expert Appraisal Committee- Industry-I
Ministry of Environment & Climate Change (MOEF & CC)
Indira Paryavaran Bhawan
Jorebagh
NEW DELHI

Sub : "Modernization of Rourkela Steel Plant by addition of new slab Caster#4 within existing SMS-II to achieve production as per EC vide letter no J-11011/66/2014-IA.II (1) dated 15/12/2016" -- Environmental Clearance under para 7 (ii) of Notification S.O. 3518 (E) dated 23rd November 2016.

Ref. : EC accorded vide letter no- F.N. J-11011/66/2014-IA.II (I) dated: 15th December 2016 and EC No .J-11011/757/ 2007-IA.II dated 29/01/2008

Dear Sir,

This has reference to the above ECs accorded to our 4.2 MTPA Integrated Steel Plant located at Rourkela. Most of the facilities as approved in the ECs have been installed and are under operation. MoEFCC has granted EC for production of total crude steel @ 4.2 MTPA. Accordingly a new BOF was installed & commissioned in Steel Melting Shop No.2 for achieving total crude steel production of 4.2 MTPA.

At the time of obtaining EC for Expansion of RSP to 4.2 MTPA, RSP had planned to cast crude steel from SMS#1 @ 0.5MTPA and @ 3.7 MTPA from SMS#2 (by upgrading Caster#1 & #2 from 0.9 MTPA each to 1.1 MTPA each and installation of a new Caster#3 with capacity of 1.5 MTPA in SMS#2).

However, we submit to honorable EAC that up-gradation in Caster#1 & #2 as described above could not be taken up due to non availability of technological support as Caster#1 & #2's technology has become old. Hence the crude steel casting of stated capacity remains unachieved.

To make up for this up-gradation of Caster#1 & #2 in SMS#2, we propose to install a new Caster with 1.0 MTPA which is the minimum size available in the market with latest energy efficient technologies. This will allow us operational flexibility and reduce overall water and energy requirements in SMS#2, as Caster#1 will be operated at reduced load.

We are enclosing herewith an Environmental Appraisal Report showing the overall Environmental benefits due to installation of latest technology based Caster#4 along with updated Form-1.

We remain grateful to honorable EAC for their kind act by approving our proposal.

With best of regards

Yours faithfully,
For SAIL, Rourkela Steel Plant.

(Mr S.N. XESS)
DGM (Env.Engg.Department)