

PAKISTAN STEEL
BULK MATERIAL DEPARTMENT
TECHNO ECONOMIC EVALUATION CRITERIA

In case of different specs of the offered ores, the Techno Economic evaluation of technically qualified Ores will be carried out by a computer program wherein the guaranteed chemical analyses and prices of the technically qualified Ores are fed. However, in case of only one technically qualified Ore, the computer program will not be run for its evaluation.

2. Following input data to be used in the computer program:-

a)

i	Slag Basicity	1.03± 0.005
ii	Al ₂ O ₃ in Slag	15 % maximum
iii	MgO in Slag	8.70%± 0.1

b) Average cost, analyses and consumption of raw materials like sinter, hot metal, limestone, dolomite, silica sand, manganese ore, coke, flue dust, BF gas and other utilities shall be taken of the period of normal production (Average from July 2007 to Dec-2007) as reference from already fed values in the computer for past evaluation.

c) Sinter to ore ratio shall be 75 : 25.

3. For the evaluation of offered Fine Ores, the average chemical analysis of local Lump Ores and its fixed price as Rs, 8000/= (PMT) will be used for all technically qualified Fine Ores as reference. The Hot Metal cost so obtained will be a reference cost for comparison of the offered Ores.

4. For the evaluation of offered Lump Ores, the chemical analysis of available fine ore and its fixed price as Rs, 8000/= (PMT) will be used for all technically qualified Lump Ores as reference. The Hot Metal cost so obtained will be a reference cost for comparison of the offered Ores.

5. CFFO price of the offered ores will be used for techno economic evaluation and Computer program will be run with these inputs altogether to ascertain the lowest hot metal cost.

6. Tendered quantity of 50,000 MT of Fine or Lump Ore will be selected from the supplier whose evaluated bid / hot metal cost would be the lowest.

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