

Item 2.02 Results of Operations and Financial Condition

(a) On February 27, 2008, Chicago Bridge & Iron Company N.V. issued a press release announcing financial results for the quarter and year ended December 31, 2007. A copy of the press release is attached as Exhibit 99.1 to this Current Report on Form 8-K.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

99.1 Press Release dated February 27, 2008

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

CHICAGO BRIDGE & IRON
COMPANY N.V.

By: Chicago Bridge & Iron
Company B.V.

Its: Managing Director

Date: February 27, 2008 By: /s/ Ronald A. Ballschmiede
Ronald A. Ballschmiede
Managing Director
(Principal Financial Officer)

EXHIBIT INDEX

| Exhibit Number | Exhibit Description |
|----------------|---------------------------------------|
| 99.1 | Press release dated February 27, 2008 |