1139-35-141Hongjie Dong* (hongjie_dong@brown.edu), 182 George Street, Providence, RI 02912, and
Zongyuan Li. The oblique derivative problem in Lipschitz domains.

We prove the W_p^2 estimate for the oblique derivative problem of nondivergence form elliptic equations with VMO coefficients in Lipschiz domains with locally small Lipschiz constant. This improves an earlier result by G. Lieberman, where the domains are required to be in $C^{1,\alpha}$ for $\alpha > 1 - 1/p$. (Received February 06, 2018)