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Erratum: QCD phase boundary and critical point in a bag model calculation [Phys. Rev. D 80, 114508 (2009)]

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We have noticed the following misprints, which were not corrected in the proofreading of the paper. We, however, reiterate that the final results remain unaltered:

- (1) Line 8 of the abstract should read as "shape with the predictions..."
- (2) In the expression for P_{QGP} , the fifth term in the brackets of Eq. (1) should read as $\frac{2}{9\pi}\mu_B^2T^2$ instead of $\frac{2}{9\pi^2}\mu_B^2T^2$.