

**Bridges****Reference Details:**

**Owner** KOBWA -  
Komati Basin Water  
Authority + a JV  
consisting of the  
government of  
Swaziland and South  
Africa and others +++

**Contractor** Grinaker  
Construction +++

**Consulting Engineer**  
V.K.E. Consulting  
Engineers, ZMCK

**DSI Services**

Steeledale Systems  
supplied a total of  
95tons of DYWIDAG  
Multistrand Tendons  
Type MA 15-0.62" St  
1570/1770 (grade 250)  
with Coupler Type R;  
Supply of material,  
tensioning, grouting and  
technical supervision;  
Auxilliary tie downs with  
DYWIDAG Strand and  
post-tensioning bars.

**Komati River Bridge, Swaziland, South Africa**

The government of Swaziland, South Africa and parastatal bodies collaborated in a joint venture to construct the Maguga dam.

This project will provide electricity as well as irrigation and drinking water. The dam will put the existing bridge between Mbabane, the capital of Swaziland and Piggs Peak under water necessitating the construction of a new bridge. The new Komati River Bridge has a total length of 300 m and consists of 20 segments.

The bridge was incrementally launched and tensioned in both the longitudinal and transverse directions.