Visy Paper contracted Build Run Repair (BRR) to provide engineering and project management services for their mills in Victoria aimed at increasing the usage of mixed waste paper within its feedstock. This was achieved by modifying the stock preparation process in the Victorian mills.

BRR conducted a bottleneck study in three different recycled paper mills in Victoria. BRR identified the bottleneck as the capability to handle contaminated waste paper. The feedstock is comprised of cardboard and mixed waste paper. Mixed waste paper has a greater availability and attracts a lower price due to the larger amount of contaminants. The bottleneck could be removed by increasing the capability of the paper mills to use a greater quantity of mixed waste paper within the feed mix.

BRR identified the main contaminant as being glass and determined the necessity of increasing the coarse screening capability of the mills. This could be achieved in a cost-effective manner by installing a second turbo separator in parallel to the existing. BRR designed the process changes and procured, installed and commissioned the project in cooperation with Visy’s mill staff.

The installation of the stock preparation equipment and its auxiliary equipment was performed on time and on budget early 2013.

BRR’s scope included the following:
- Initial study and recommendation of specifications
- Detailed design and engineering works
- Procurement
- Installation supervision
- Commissioning supervision
- Post commissioning review