



RAMKY ENVIRO ENGINEERS LTD.

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Ilan Wilf
PRS Mediterranean Limited,
2 Weizman Street,
Tel Aviv, Israel 64239.

Sub: **Access road Project in Guwahati waste landfill, India.**

Dear Ilan,

I want to thank you and PRS for your assistance in helping design and install the approach road project using the PRS Neoweb solution. This project required the construction of an access road of 1000 square meters, over 40 days.

The project challenges that we faced included the task of keeping the city of Guwahati clean, and transporting the municipal waste to the dumping site at West Boragaon. The kutcha road, made of loose soil, used to often cave in, making it impossible for the trucks to ply. For the truck drivers making more than 200 trips per day, it was a nightmare, especially during monsoon, to manoeuvre their way to the dump site. The water bodies surrounding the approach road and high rainfall only contributed to the worsening of the problem.


Ramky designed the solution based on the PRS Neoweb product. Neoweb is a light-weight, expandable, three-dimensional honeycomb-like cellular confinement system, which acts as a foundation reinforcement system for improvement of bearing capacities of weak soils.

Our experience with the PRS Neoweb was very positive. The advantages that we found using the Neoweb included the fact that it remains flexible during installation and also resists deterioration from chemicals. The material was transported in folded format by trucks and placed in the designated areas. The installation was completed in fewer than 40 days. Being a fast and all-weather installation, no time was wasted in spite of the rainy season. The cost saving is around 15 – 20 percent. Considering the saving in terms of money and extra life span, Neoweb is definitely something that could be looked into in handling similar critical situations.

PRS assisted our engineers during the design phase as well as the implementation phase by providing field instruction and training to implement the Neoweb solution. Deliveries were satisfactory, and we found PRS Limited to be a reliable supplier and a knowledgeable and professional soil stabilization solution provider.

Based on our experience in this project, we plan to utilize the PRS Neoweb solution in additional projects in the future.

Kind Regards,


(P. Eshwar Reddy)
Head Projects