

**Project:**

BWSS- Bangalore Sewerage Project Phase I

Project Overview:

Nukote Coating Systems developed this projects specification working directly with the client, their consultants and a consortium of funding agencies. After two-years of review and approval process steps, Nukotes specification and products were selected over all competing alternative products and systems.

Nukotes elastomeric thick film Polyurea liner system was approved for all raw sewage collection lines of the project. This system was specified for all new RCP and GRP truck sewer mains, for all rehabilitation of existing trunk mains and for all sewage treatment plants and sewage pumping stations.

The total project scope of 294 KM of new pipe or rehabilitation of existing pipe, 11 sewage treatment plants and dozens of pump stations, made it the largest undertaking of its kind globally.

Industry:

Transmission lines
Waste Water Industry

Client:

BWSS

Distributor:

Nukote Coating Systems

Consultants:

Nippon
Mott MacDonald
Tata Consultants

Funding Agencies:

World Bank
JIPCA (Japan)
Central Urban Investment
BWSS (Client)

Location:

Bangalore /India

System Specified:

The new pipe (diameters from 400 mm - 2400 mm) were transported to the various regional coating yards, checked and cleaned, abrasive blasted or ground to remove any defects or contaminants and skimmed. Surface preparation was followed by application of Nukote EP Prime II and the Nukote ST pure polyurea to client specified DFT.

Project Summary:

Part of an internationally funded project was based on the overall premise of a 50% increase of regional potable water supply and improvement to its access and existing distribution network and doubling of the waste water treatment capacities, which included first time sanitary sewer connections to large percentage of the population. This project was one of the key infrastructure development projects in Bangalore.

The Multi package contract was executed by number of renowned general contracting firms and joint venture companies including; Indian Hume Pipe, Larsen & Toubro, Ramki Infrastructure, IBRCL, Sriram EPC, Jai Hind Projects, and KBR- Infratech.

The project target of increasing the sewer system area from 250 square km to 750 square, accommodating 22 new villages surrounding the Bangalore urban area into the catchment network Phase 1.

The total coated surface area exceeded 500,000 square meters, was carried out under 17 separate contracts, initiated in September 2010 and completed in July 2014.

Phase II of this project is expected to be even larger in scope and area and is slated for initiation in 2016

