

***Downtown Restoration Program—
Performance of Expert Structural Steel
Inspections and Testing Services***

WTC Redevelopment Subcommittee

Steel Inspection and Testing

World Trade Center Construction

Inspect for adherence to design drawings and specifications

- NYC code required “special inspections” – critical elements
- Inspectors required to be certified

Steel inspection

- Peak level over next two years
- Quality assurance of steel fabrication and erection
- Inspection of bolted and welded connections
- Inspections at fabrication shops and on site

Steel Inspectors

- Currently 43 steel inspectors at WTC site
- Consultants provide 37 inspectors
 - Obtain through call-in program
 - Difficult to find and retain
- Continuity of inspectors critical for construction schedule
 - Five firms retained
 - Annual limit of \$1.5M per agreement
 - Request limit increase for MACTEC and Pennoni

Increase in Funding Limits

	<u>Pennoni Associates</u>	<u>MACTEC Engineering</u>
Previously Authorized Amount:	\$1,500,000	\$1,500,000
Requested Adjustments:	<u>\$2,000,000</u>	<u>\$2,000,000</u>
Estimated Total for 2011:	\$3,500,000	\$3,500,000