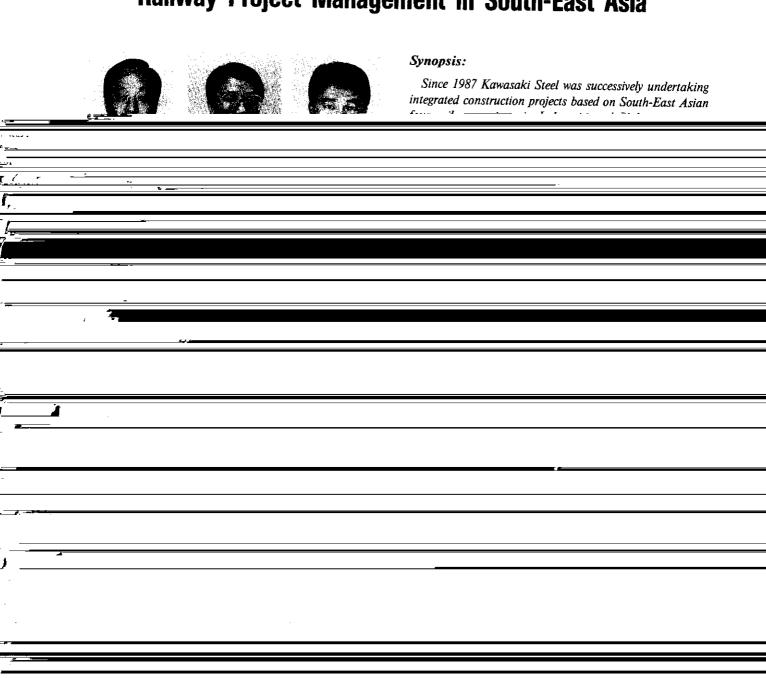
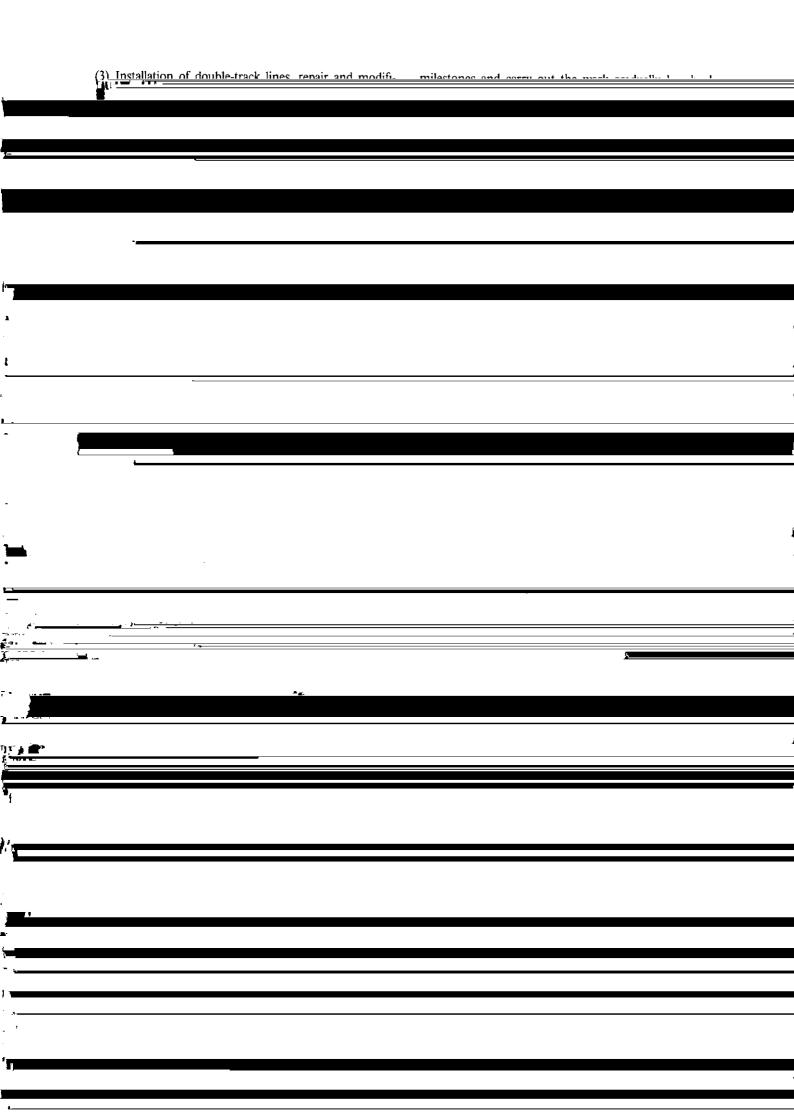
## Railway Project Management in South-East Asia\*

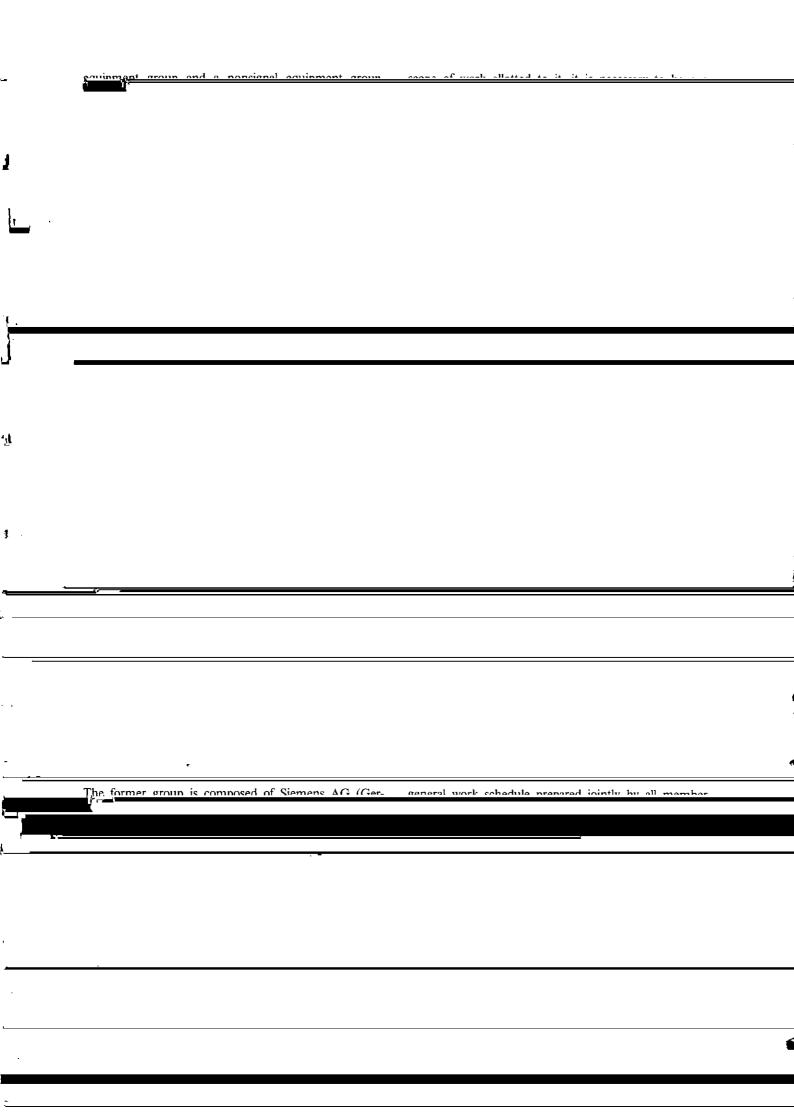


▼ contract∇ commencement of work



work, i.e., 1) railway tracks (double tracks), 2) station and telecommunications, except in general civil engibuildings, 3 bridges, 4 signals and telecommunicaneering and building construction. The number of engitions, (5) electric cars (purchase of cars) and (6) overhead neers, subcontractors, and manufacturers competent in contact systems. In the example of the Indonesian Nadesign, fabrication, and execution of work in these fields tional Railways, however, orders in package form were is small. It is also difficult to procure locally construction placed for each major unit of construction area work. machinery and tools for railway work, as well as con-Thus, the preferred form of order placing varies from struction materials. Tels \_\_f-11\_\_-! --

that of Japanese. smooth progress of the work, and inventory control (4) Manpower Control and custody control for this purpose are indispensahla Furtharmora harausa thatt and loss during Although languese engineers are desirable in terms cost. Therefore, technical and quality control is contake strict measures in providing security.



## 4.4 Management of Construction Work (Nonsignal Equipment)

## 4.4.1 Outline of work

The work extends over the subole area shows in

rail joints.

(3) Substation Works

Expansion of existing substations and installation of new transformer equipment for signals.

new transformer equipment for signals.

(4) Catenary Works

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	order on a turnkey basis is	nlaced for the substation and	(1) Caraful material dis	teibartion monagement	•.
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