MEMORANDUM OF UNDERSTANDING
BETWEEN
THE GOVERNMENT OF THE REPUBLIC OF INDONESIA
AND
THE GOVERNMENT OF THE UNITED KINGDOM
CONCERNING
A PROGRAMME FOR THE STRENGTHENING AND DEVELOPMENT
OF THE INDONESIAN ROAD RESEARCH INSTITUTE

The Government of the Republic of Indonesia and the Government of the United Kingdom, wishing to cooperate in a Programme for the Strengthening and Development of the Indonesian Road Research Institute (hereinafter referred to as the Project);

This Memorandum expresses the understandings and intentions and sets out the administrative responsibilities of the Two Governments in relation to the implementation of this Project within the framework of the technical cooperation between the two countries, as follows:

Article 1
Executing Authorities;
1. The Government of the Republic of Indonesia designates the Indonesian Road Research Institute for the Ministry of Public Works (hereinafter referred to as IRRI) as its agency responsible for the implementation of its obligations under this Memorandum.

2. The Government of the United Kingdom designates the Overseas Unit of the Transport and Road Research Laboratory, Crowthorne (hereinafter referred to as TRRL) as its agency responsible for the implementation of its obligations under this Memorandum.
Article 2
Objectives of the Project;

1. To build up the research capability of IRRI to enable it to fulfil its functions in the development of Indonesia's highway and highway transport system.

2. To support the development of appropriate technology within IRRI as well as improving the capability of IRRI in controlling provincial and field laboratory activities.

Article 3
Scope of Work;

The co-operative programme to be undertaken jointly by IRRI and TRRL shall include:

1. The development of appropriate methods for evaluating the structural value of, and the level of service provided by, typical existing bituminous paved roads in Indonesia and investigating cost-effective methods by which such roads may be either strengthening or reconstructed to serve current and future traffic loadings.

2. The investigation of the potential for wider utilisation of natural road building materials for road construction and strengthening in Indonesia, using the terrain evaluation approach based on the interpretation of satellite imagery and airphotos to identify and map deposits of such materials.

3. The identification of soils likely to cause structural failure or roadworks.

4. The development of the knowledge and experience of IRRI personnel to undertake research work by involvement in collaborative research studies in Indonesia and by training at suitable institutions within the United Kingdom.
Article 4
Duration;

The duration of the Project shall be two years, commencing in 1980 and may be extended for a further period dependent on a review of the programme 12 months after commencement. At the end of the programme technical contacts between IRRI and TRRL will be maintained.

Article 5
Reports;

TRRL shall submit to the two Governments and institutions concerned the following reports:

1. Monthly Progress Reports containing a concise summary of progress to-date, substantive problems encountered of foreseen and any pertinent comments.

2. Additional reports as agreed by Directorate General of Bina Marga, Ministry of Public Works and TRRL.

3. A final reports summarising and reviewing all work accomplished during the programme.

Article 6
Contributions;

1. The Government of the United Kingdom will provide:

1.1. One engineering geologist and one highway engineer from the staff of Overseas Unit of TRRL who will be resident in Bandung for a minimum period of two years.
1.2. back-up support in the form of support activities at TRRL and short term visits to Indonesia by key staff of the Overseas Unit of TRRL.

1.3. two road vehicles of appropriate design for the sole use of the TRRL personnel to perform their duties. At the end of the Project these vehicles will be handed over to IRRI to be used to continue the joint research effort.

1.4. equipment required to effectively undertake research projects including the following: (i) stereoscope (ii) stereo projector (iii) distance measuring wheel (iv) straight edge (v) portable wheel weighing equipment (vi) reference books and other appropriate publications and (vii) various small hand tools and associated hardware.

1.5. all project salaries, allowances, fares and expenses of the TRRL staff.

1.6. all medical and dental expenses incurred by TRRL staff.

1.7. training for IRRI personnel at suitable institutions within the United Kingdom.

After consultation with the Director of IRRI, either of the TRRL staff resident in Bandung may be required to undertake other duties outside Indonesia during the course of the Project; such duties shall not exceed a total of three working weeks per year per person and the financing of such duties will not be counted against the funds allocated to this Project.

One of the TRRL staff resident in Bandung will be appointed as Team Leader; he will be locally responsible to the Director of IRRI for the work of the TRRL team, and under the overall technical guidance of the Director of TRRL.
Either Government is entitled to visit the Project to discuss the progress of the programme.

2. The Government of the Republic of Indonesia, in accordance with the existing laws and regulations, will:

2.1. provide appropriate counterpart staff, one of whom will be appointed as Team Leader, to work fulltime with the TRRL staff. As a minimum these counterpart staff will comprise one graduate civil engineer and one graduate engineering geologist or civil engineer with geological expertise.

2.2. provide field survey assistants, drivers and labour as required by the Project.

2.3. provide administrative, clerical, accounting and other service personnel as required for the efficient implementation of the Project.

2.4. provide a full-time bilingual secretary.

2.5. provide drivers for each member of the TRRL staff for their official project business.

2.6. provide two vehicles for the expatriate experts to be available for official use including maintenance and operating costs. The vehicles will also be available for reasonable private use at the expense and risk of the expatriate team member concerned.

2.7. pay local air and surface transportation for the experts while travelling in Indonesia on official project business.
2.8. provide out-of-station allowance for the expatriate experts while travelling on official project business in Indonesia.

2.9 provide in Bandung:
   a. the use of Laboratory testing facilities for performing standard tests on highway engineering materials.
   b. access to computer facilities that are available for analysing the results of field and Laboratory tests.
   c. furnished office accommodation including office equipment and supplies.

2.10 provide two appropriate vehicles for the transport of field survey assistants and equipment.

2.11 provide as required at least one lorry suitable for undertaking deflection beam surveys and other road testing.

2.12 provide two vehicles for the counterparts of the experts to be available for official use.

Article 7
Data and Information;

The Government of the Republic of Indonesia will provide:

1. Information that may reasonably be required for the research programme including available maps, aerial photography and other remotely sensed images, related engineering reports and designs.

2. Liaison to ensure the cooperation of Government agencies as may be required for the performance of the research programme.
Article 8
Taxes, Duties and Privileges;

The Government of the Republic of Indonesia, in accordance with the existing laws and regulations, will:

1. Exempt expatriate members (other than personnel who are citizens or permanent residents of Indonesia) from income tax, import duties and sales tax on imports in respect of:

1.1 all payments made to the expatriate team members in connection with this Memorandum.

1.2 any project equipment, materials or supplies brought into Indonesia and which will subsequently be withdrawn therefrom or transferred to the Directorate General Bina Marga.

1.3 personal and household effects brought into Indonesia by the expatriate experts and their dependants for their personal use and which after having been brought into such territories will subsequently be withdrawn upon departure of such personnel, provided that shipment of such effects are within 6 months of their arrival. Each expatriate team member shall be allowed to import duty free articles and goods (including foodstuffs) intended for personal use. Such articles will include: reasonable foodstuffs, one refrigerator, one deep-freezer, one radio set, one record player or cassette recorder, one air conditioner, one typewriter, minor electrical appliances, one movie camera and one projector, as well as for each person, one still camera and its equipment.
One video set and one television set for each household can be imported with a special permit. Foodstuffs, beverages and other expendable household goods shall be subject to maximum values as determined by Indonesian regulations. Personal and household effects mentioned above may be re-exported without charge.

2. Arrange speedy clearance through customs of any equipment, materials and supplies required for the Project and of the personal effects of the expatriate personnel and their families.

3. Arrange for expatriate members of the team, and if appropriate, their families, any necessary entry and exit visas, residence permits, exchange permits and travel documents required for their stay in Indonesia. Members of the team, dependent on the passport they are holding, must obtain official service visas or semi permanent visas from an Indonesian Diplomatic Mission abroad for themselves and dependents before arrival in Indonesia.

4. The expatriate members of the team during their official assignment in Indonesia under this Memorandum shall be accorded the status of experts performing services for IRRI.

5. Provide adequate Rupiah finance for the efficient implementation of the Project.

Article 9
Publications;

The results of the investigations carried out under this Project will be freely available to IRRI and TRRL, either of which may publish the results provided acknowledgement is given to the other.
Article 1
General Provisions;

1. This Memorandum shall become effective on the date of signature and shall expire upon completion of the Project.

2. This Memorandum may be amended at any time with the mutual consent of the two Governments by an Exchange of Letters.

IN WITNESS THEREOF, the undersigned on behalf of their respective Governments, have signed this Memorandum.

SIGNED in Jakarta this Fourth day of February, 1981, in duplicate

FOR THE GOVERNMENT OF THE REPUBLIC OF INDONESIA

FOR THE GOVERNMENT OF THE UNITED KINGDOM

Signed

POERNOMOSIDI HADJISAROSA
Minister of Public Works.

Signed

TERENCE J. O'BRIEN
Ambassador.