

2-2-4 Implementation Plan

2-2-4-1 Implementation Policy

1) Procedure for Japan's Grant Aid

In case the Project is executed with Japan's Grant Aid, an Exchange of Notes is to be signed by the two governments. Then, works to be covered by the Japanese side will be carried out by a Japanese consultant and a Japanese supplier, with each of them making an agreement or a contract with the Government of Nepal. The agreement and the contract are to take effect upon verification by the Government of Japan.

2) Executing Agency at Nepalese Side

The Project will be executed by DOE under MOES, and PSS of DOE will be in direct charge of implementing the Project. The Director General of DOE will take full responsibility for implementing the Project. The Ministry of Finance is to take responsibility for procedures related to the Exchange of Notes and other bilateral arrangements, and is to handle the Banking Arrangement.

In each of the districts where the Project is to be implemented, the District Education Officer (DEO) is to issue certificates and other documents upon receipt and delivery of materials and/or equipment. The DEO will also be responsible for managing logistics support up to the delivery of materials to local communities.

District engineers/sub-engineers, who are to be recruited and posted by DOE/DEO, may act on behalf of the DEO regarding the procedures stated above, depending on the situation around each construction site.

Construction work shall be done by the Nepalese side within the framework of the Construction of Primary Schools by Community Participation. The local communities, normally School Management Committees (SMC), are to enter into construction contracts with DEO.

3) Japanese Consultant

Soon after the Exchange of Notes is signed between the two countries, the DOE shall enter into a contract agreement with the Japanese consultant regarding the review of the detailed design and supervision, and shall obtain verification of the agreement by the Government of Japan.

After making the agreement, the consultant, in accordance with the Basic Design Study Report on the Project as well as in consultation with DOE, shall conduct the detailed design and prepare tender documents. Then, upon approval of the tender documents by DOE, the consultant shall initiate the tendering procedure for procurement on behalf of DOE. Furthermore, the consultant shall supervise procurement and delivery of the materials to depots.

4) Japanese Supplier

Procurement and delivery of the materials to the depot centers (bricks should be delivered to each site) shall be executed by a Japanese supplier, who will be selected from among Japanese companies by tender. The contract will be made at the lowest bid tendered, and shall be effective upon verification by the Government of Japan.

5) Utilization of Local Consultant and Sub-contractors

Because the facilities are to be constructed with local materials and local methods of construction, local technical manpower such as local consultants and local sub-contractors for procurement should be fully used to reduce the entire project cost.

2-2-4-2 Implementation Conditions

1) Material Depot Centers

Material depot centers, where construction materials procured by the Japanese side are to be delivered, are expected to be established at district centers. All depot centers shall be accessible by truck. For the time being depot centers shall be assumed to be located at the headquarters. The location shall be reviewed at the detailed design stage, and the final locations will be decided. The location of each depot center decided shall be clearly shown on a map with the locations of schools and clusters, which should be submitted to the Japanese side.

The bricks shall be delivered to the construction sites in terai districts according to the following conditions.

The cost of transporting bricks from the brick factory to the construction site will be borne by the supplier up to either a distance equal to the distance between the depot and the factory or 20 km, whichever is greater. Any additional transport cost will be borne by communities from transportation funds made available to them by DOE.

The brick factory shall be selected in such a manner that the majority of the schools are located nearby. The supplier shall get the consent of the DOE or the consultant before finalizing selection and location of the brick factory.

2) Storage of Materials at Depot Centers

DOE will prepare land at each target district for depot centers and necessary facilities such as warehouses and stockyards.

3) Transportation of Materials from Depot Centers to Construction Sites

Materials are to be transported from depot centers to each construction site by communities either by truck, wagon, donkey, or porter depending on the situation. While DOE is to support part of the transportation cost, deficits shall be borne by the communities. The materials shall be delivered in suitable sizes and packages for the transportation method in each target district.

4) Storage of Materials at Construction Sites

Care should be taken to synchronize deliveries of materials with the construction program, so that the materials are not stored at construction sites for an unnecessarily long time.

2-2-4-3 Scope of Works

The Project is to be implemented in cooperation with the Government of Japan, The Government of Nepal, and the communities concerned in accordance with the Grant Aid System of Japan. The scope of the works covered by each of the parties is as follows:

1) Works Covered by the Japanese Side

1-1) Organizations

A Japanese consultant and a Japanese Supplier are to do the works listed in a-2) and a-3) below, respectively.

1-2) Works to be done by the Consultant

- Review of site selection (schools, depots), types and numbers of facilities at each site
- Review of detailed standard design of facilities
- Review of specification and quantities of materials
- Support for tender procedure for procurement by DOE
- Supervision on procurement, transportation to depots, and delivery at depots of materials covered by the Project
- Confirmation survey after completion of facilities

1-3) Works to be done by the Supplier

- Procurement of materials and equipment covered by the Project
- Transportation of materials to depot centers (Transportation cost for bricks to the site will be borne up to either a distance equal to the distance between the depot and the factory or 20 km, which ever is greater)
- Delivery of materials at depot centers (Delivery of bricks at school sites)
- Training on the erection of steel frames for engineers, sub-engineers, and skilled laborers in each district

2) Works Covered by the Government of Nepal

2-1) Organization

DOE/PSS and its local staff members together with DEOs shall do the following works.

2-2) Works

- Confirmation of types and numbers of facilities to be constructed in each of the schools
- Making construction contracts with SMCs
- Installation of depots
- Receipt and storing of materials at depots
- Provision to communities of funds for transporting materials to sites
- Supervision, technical advice, and monitoring of construction work by communities
- Guidance to communities on maintenance of facilities
- Provision of funds for skilled labor to communities

- Provision of funds for local transportation of materials to communities as necessary
- Selection of site where training on the erection of steel frames is to be held and preparation for training such as the inviting engineers, overseers, and skilled laborers

3) Works Covered by the Communities

3-1) Organization

SMCs of the target sites are to do the following works:

3-2) Works

- Discussion with DOE on standard design of facilities applied
- Making construction contract with DEO
- Receipt of materials at the depot, transportation to site, and storage at the site
- Procurement of local materials and un-skilled labor
- Construction of facilities
- Maintenance of facilities

2-2-4-4 Consultant Supervision

If the Project is implemented under the Grant Aid system of Japan, the Japanese consultant will supervise work for procurement up to delivery at the depot centers of the materials. Then, DOE in collaboration with DEOs will supervise and monitor storage and local transportation of the materials to the sites and the construction work. Monitoring the progress of construction work and follow-up survey after completion will be carried out by the consultant so that use of materials can be confirmed.

1) Japanese consultant

While the head office in Japan will be responsible for controlling overall project implementation, engineers posted in each target district will handle routine work.

A chief local engineer posted in the Kathmandu office will be responsible for controlling all local staff members of the consultant, and for coordinating with the contractor as well as with DOE. The Project Manager posted in Tokyo and/or his assistant will visit sites from time to time to attend site meetings and site inspections as necessary. The main services provided by the consultant are as follows:

- a) Detailed Design
 - Reviews of transportation plan for materials, detailed designs of buildings, and preparation of management plan, etc.
- b) Assist in Making Procurement Contract
 - Preparation of Tender Documents, Selection of the Supplier (conducting the notice, invitation of Tender, evaluation of Tender, recommendation of Supplier, and attending to making the Contract)
- c) Checking and Approval of Shop Drawings, Samples, etc.

- d) Supervision and Guidance on Procurement by the Supplier
- e) Report on the Progress of Procurement
- f) Assist in making Payments
- g) Inspection of Materials
- h) Confirmation Survey after Completion of Facilities (cf. **Appendix 1**)

2) Nepalese Side

While DOE will be responsible for controlling overall Project implementation, sub-engineers posted in each of the project clusters will handle routine work, supported by DEO for clerical procedures and by District Engineers for technical matters, who will report to DOE.

DOE shall report the progress of the Project through monthly meetings attended by DOE, Consultant, Supplier, and JICA. DOE shall also prepare and present the following reports to the Government of Japan:

- a) Detailed Design Stage
 - a-1) List of target schools together with the selection criteria and the report on making construction contracts with SMCs
 - a-2) List of depots with location maps
- b) Material Procurement Stage
 - b-1) List of the target schools for double-checking
 - b-2) Monthly reports on receipt of construction materials at the depot centers with copies of record books attached
 - b-3) Monthly reports on delivery of construction materials to the schools with copies of record books attached.
 - b-4) Monthly reports on progress of construction work at schools
- c) Upon Project Completion
 - c-1) Report on completion of facilities within three (3) months from the completion of most of the facilities with a list of schools and RCs, facilities constructed, completion dates, copies of completion certificates, etc.

The management organization for the Project is shown in **Figure 2**.

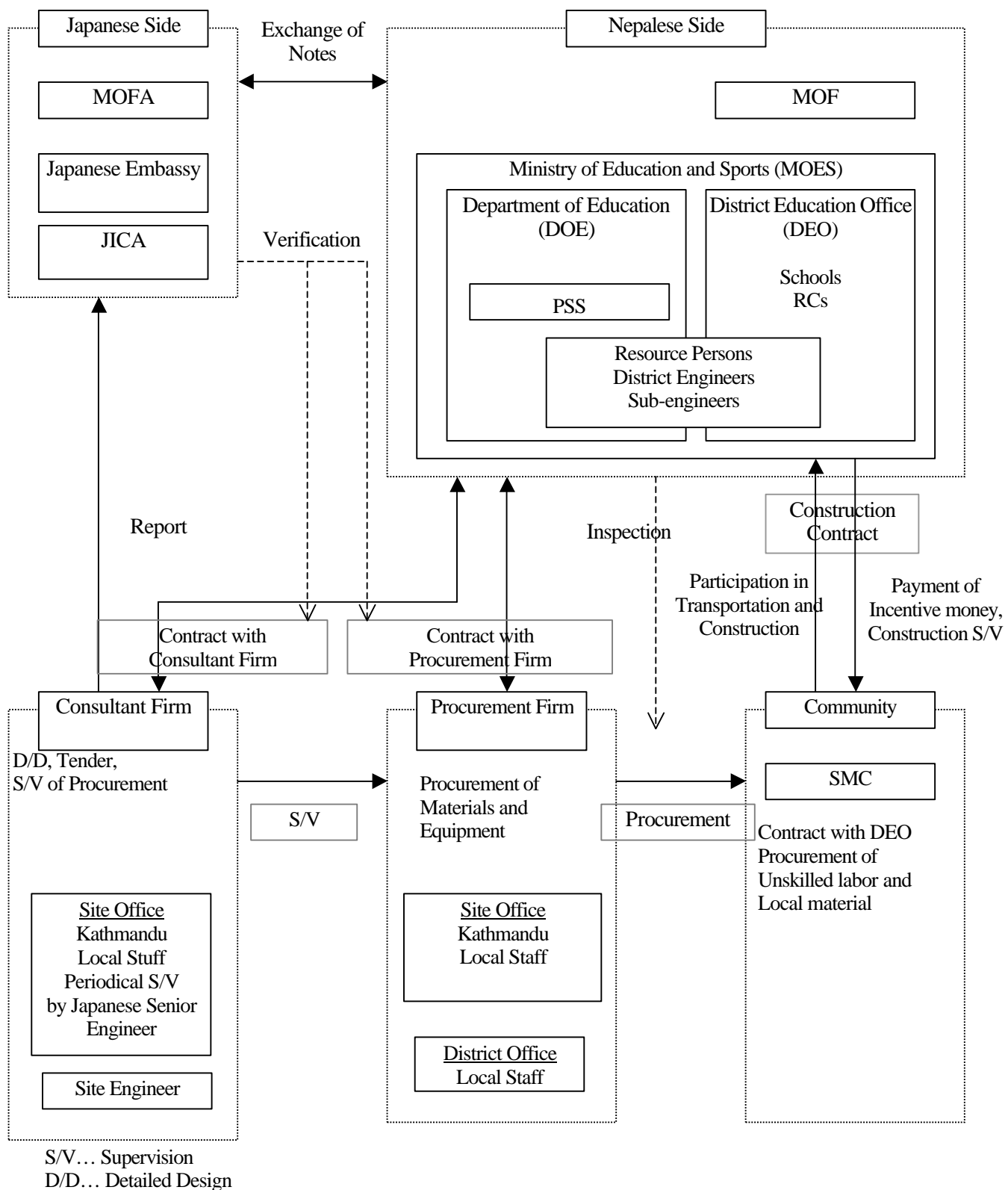


Figure 2 Management System for Procurement and Construction

2-2-4-5 Quality Control Plan

To ensure the delivery of materials of an appropriate quality and standard, inspections will be done at the point of delivery or at the factory where materials are produced or manufactured. The quality of materials will be checked as laid out in the Guidelines for Quality Inspection by the consultant. (cf. **Appendix 3**)

1) Types of Activity during Inspection

The quality inspection for construction materials generally involves one or more of the following activities.

1. Dimension Check
2. Weight Check
3. Visual Check
4. Chemical Test
5. Physical Test

2) Location of Sampling and Inspection

Sampling of materials can be done at two locations, namely factory and depot or delivery point. For major items such as CGI sheets, MS trusses, MS window/door frames, and door/window shutters sampling can be done for both raw materials and finished products at the factory. However, sampling at the depot will be done only for finished products.

Inspections involving activities 1 to 3 stated above will be carried out at the depot or the factory. An inspection requiring chemical analysis or physical test that is not possible at the place of sampling may be done in laboratories while carefully following standard methods.

3) Inspection Team

In addition to the routine sampling tests by the engineers posted in each target district, an inspection that consists of an engineer from DOE and/or an engineer from the Consultant and an engineer from the Supplier will carry out inspections of major items.

4) Reporting Format

An appropriate reporting format will be used,

5) Conformity of Materials Inspected

Test results are checked in accordance with the specifications of the contract document. Then a brief statement of the test results is recorded for their conformity/non-conformity with respect to the given specifications and

drawings.

6) Approval of Materials Inspected

An approval/rejection note for the consignment of materials either at the depots or at the factory, based on the test result, is then issued to the supplier. The authority to issue an approval/rejection note will be delegated to the joint inspection team.

The general plan that will be followed for maintaining the quality of the construction materials will be as shown below.

Table 14 Items for Inspection

	Construction Materials	Check items
1.	Bricks	a) Brick Chimney Selection Supplier will jointly collect sample bricks from various chimneys and lab-test and request for chimney approval for supplying bricks. b) Bricks will be checked in ad hoc basis at delivery sites and if necessary, samples will be collected and tested
2.	Cement	a) Quality certificate from factory b) Random lab testing of samples if deemed necessary
3.	Reinforcement bar	a) Test certificate from factory b) Random lab testing of samples if deemed necessary
4.	Fabricated doors/windows frames	a) Factory inspection of lot before materials are dispatched b) Random samples will be checked at the depot centers
5.	Fabricated doors/windows shutters	a) Factory inspection of lot before materials are dispatched b) Random samples will be checked at the depot centers
6.	Fabricated truss	a) Factory inspection of lot before materials are dispatched b) Random samples will be checked at the depot centers
7.	Paints, enamel/cement	a) Quality certificate from factory. b) Random inspection in depot centers – also check packing
8.	Plain & Corrugated GI sheets and Corrugated Translucent sheets	a) Factory inspection of lot before materials are dispatched b) Random samples will be checked at the depot centers
9.	Donation Board	a) Factory inspection of lot before materials are dispatched b) Random samples will be checked
10.	Sanitary ware	a) Quality certificate from factory. b) Random inspection in depot centers – also check packing
11.	Others, hardware fixtures, nuts and bolts, screws, nails etc.	a) Quality certificate from factory. b) Random inspection in depot centers – also check packing
12.	Furniture	a) Factory inspection of lot before materials are dispatched b) Random samples will be checked at the depot centers

2-2-4-6 Procurement Plan

1) Procurement Contract

Procurement Contract shall be given to a Japanese Company selected by tender.

2) Place of Procurement

All materials and equipment are to be procured locally in Nepal.

2-2-4-7 Implementation Schedule

This Project shall commence upon the Exchange of Notes (E/N) by the two countries, and proceed as follows.

- 1) Conclusion of consultancy contract
- 2) Its verification by the government of Japan
- 3) Detail Design of materials and equipment
- 4) Selection of the supplier
- 5) Conclusion of procurement contract for materials and equipment
- 6) Its verification by the government of Japan
- 7) Procurement and delivery of materials and equipment to Nepalese side
- 8) Confirmation survey on the facilities constructed after completion by the Japanese Consultant

The schools to be covered by the Project are to be finalized through a full physical survey of the proposed schools, discussions, and conclusion of agreements with the local communities, which start in mid-July.

In Nepal, the four months from June to September are the rainy season, during which transportation of construction materials to sites is difficult. Furthermore, in rural areas, bricks are normally manufactured after harvesting crops in the autumn. Accordingly, procurement of materials should be planned so that delivery of materials and most of the construction work may be completed before the next rainy season. On the basis of experience obtained from the previous Project, the construction period for each school is estimated to be about three to four months, and the entire work period for the construction of the schools including delivery and local transportation of materials from depot centers to construction sites will be about eight and a half months.

The overall schedule of the process is shown in **Figure 4**.

Table 15 Implementation Schedule (Japanese Side)

	1	2	3	4	5	6	7	8	9	10	11	12
Detailed Survey Stage	Field Survey									In Total 4 Months		
	Preparation of Tender Documents in Japan											
	Approval of Tender Documents											
	Tender											
	Tender Evaluation											
Procurement Stage	Ordering of the Materials									In Total 12 Months		
	Delivery											
	Handing-over											
	Supervision of the Procurement											
	Confirmation Survey on the Facilities Constructed											

2-3 Obligations of Recipient Country

The following measures need to be taken by the Nepalese side on the condition that the Grant Aid by the Government of Japan is extended for the Project.

- 1) Do the surveys necessary for finalizing the target schools, prepare a list of target schools and number of the facilities therein according to the criteria of the Nepalese side, and according to the conditions stated in this report, and submit the list to the Japanese side within one month after the exchange of notes between the two governments.

When preparing the list, ensure that the list satisfies the selection criteria and upper limit numbers stated in the table below:

Table 16 Selection criteria and upper limit numbers of the facilities

	Selection Criteria	Upper limit numbers of the facilities	Time limit for submission
Target schools	To be selected by DEOs according to the criteria applied in EFA2004-2009	The number in each district in each project phase shall not exceed the numbers stated in the Report (40 schools in –Hill) (80 schools in Terai)	Within one month after the exchange of notes for the project
Classrooms	Needs assessed by physical surveys by DOE	The number in each district in each project phase shall not exceed the numbers stated in the Report (80 classrooms in Hill) (160 classrooms in Terai)	ditto
Toilets	One block for boys and one block for girls will be constructed separately in the target school (schools with classroom construction under the Project) where there is less capacity of toilet than the standard of DOE in the compound.	The number in a district may exceed the number stated in the Report in compensation of decreasing the number in other districts so that the total number of the facility should not exceed the number stated in the Report.(704 Blocks)	ditto
Water supply	A water supply unit will be provided to the target schools where there is no water supply in the compound.	The number in a district may exceed the number stated in the Report in compensation of decreasing the number in other districts so that the total number of the facility in a project phase should not exceed the number stated in the Report. (84 Sets)	ditto

- 2) Ensure proper construction management including appointment of engineers, sub-engineers, and depot managers in order that efficient management of the Project is realized including technical guidance to communities, supervision, and monitoring of construction.
- 3) Before starting construction, negotiate and make agreements with the communities concerned on construction works under the project.
- 4) Bear the cost of skilled labor and local transportation of materials necessary for the construction of primary schools

under the Project.

- 5) Generate community participation including the supply of unskilled labor, local building materials, and local transportation in order that materials and equipment procured are used properly.
- 6) Provide proper depots for the Project area.
- 7) Cover other facilities than those covered by the Japanese side including the following items:
 - Rehabilitation of existing classroom buildings,
 - Fencing for the school compound.
- 8) Carry out tests for arsenic contamination at each water supply facility in terai districts provided under the Project, and install a filtration system if arsenic contamination is above the limit set in the said policy (0.05 mg/liter).
- 9) Ensure prompt unloading and customs clearance of products purchased from outside Nepal under the Grant Aid, if any.
- 10) Bear commissions of Japanese bank for banking services such as advising the Authorization to Pay based upon the Banking Arrangement.
- 11) Exempt Japanese nationals from customs duties, internal taxes including VAT and fiscal levies, which may be imposed in Nepal with respect to supplies of products and services under the verified contracts.
- 12) Accord Japanese nationals whose services may be required in connection with supplies of products and services under the verified contracts such facilities as may be necessary for their entry into Nepal and stay therein for the performance of their work.
- 13) Provide necessary permissions, licenses, and other authorizations for the implementation of the Project, if necessary.
- 14) Bear all expenses other than those to be borne by the Grant Aid within the scope of the Project.
- 15) Ensure the facilities concerned are used properly for the planned purposes.
- 16) Present to the Government of Japan report(s) on how the materials provided under the project have been used as stated in **2-2-4-4 Consultant Supervision, 2) Nepalese Side.**

2-4 Project Operation Plan

(1) Implementing Organization

The responsible organization is Ministry of Education and Sports (MOES), and the implementing organization is Department of Education (DOE). In particular, Physical Services Section (PSS) of DOE has the leading role to play in implementing the Project in close coordination with District Education Officers/Offices (DEOs). At a district level, DEOs are responsible for conducting physical surveys of schools, selecting the target schools, making construction contracts with communities, arranging management staff members, and issuing delivery certificates for materials and other related documents. (see Figure 2) The construction work is to be done by the communities and supervised by three to five district sub-engineers headed by a district engineer under the guidance of PSS/DOE, each sub-engineer covering four to 15 school sites. Also, under the control of the district engineer, a depot keeper will be posted at each depot, which is to be established at one or several locations in a district. The manpower of PSS and each of the target districts is shown in Table 17 and Table 18 respectively, which can be reinforced as necessary at the implementation stage of the Project.

Table 17 Manpower in PSS (January. 2008)

Senior Engineer	1
Engineer	3
Sub-engineer	3
Assistant	2
Others	1

Table 18 Technical Staff in the Target Districts

District	Engineer	Sub-engineer	*Note (See description below)
Baglung			*Save the Children Norway
Dhading	1	4	
Gulmi		4	
Kaski	1	4	
Lalitpur	1	4	
Palpa			*Save the Children Norway
Rupandehi	1	4	*Room to Read
Surkhet			*Save the Children Norway
All 75 Districts	24	146	

DOE has invited some International Non-governmental Organizations (INGOs) to obtain their technical assistance from September 2005 to February 2009 in implementing the school physical improvement plans in the districts in terms of providing local communities with technical guidance, monitoring the programs, etc. The activities are not only for the guidance and supervision of school construction work but for the entire SPIP including the selection of target schools and assisting with school management activities as listed below: (see Appendix-2: Agreement between DOE and INGO)

- assist DEO in preparing Annual School Improvement Plan(ASIP), time schedule, and Budget
- supervise school construction work
- assist DOE in selecting target schools based on the guidelines
- assist DEO in dealing with the construction contract with SMCs
- carry out school physical surveys at all schools in the district

The capabilities of the technical staff members of INGOs to supervise school construction work are considered to be equal to or higher than those of the technical staff members posted by DOE/DEOs. There would be no negative effects of their use on implementation of the Project. However, there is a principle that INGOs do not deal directly with contractors. Hence, DOE/DEOs will have to post a few technical members to each district, and have them deal with receiving materials at depots from the supplier. Then, the technical staff members of INGOs guide and supervise the transportation of materials from depots to sites, as well as construction work to be done by communities.

So far, cooperation between DOE and INGOs has been implemented smoothly. In July 2007, DOE increased the number of such districts to 37, and seven more districts are proposed under further negotiations with INGOs as shown in Table 19.

Table 19 Districts where INGOs are (will be) involved

Name of INGO	Name of District			Number of Districts
Save the Children Norway	Udayapur	Sindhupalchok	Palpa	20 (Agreed)
	Tanahu	Lamjung	Baglung	
	Bardiya	Surkhet	Dang	
	Rukum	Rolpa	Salyan	
	Kalikot	Dolpa	Jumla	
	Humla	Mugu	Bajura	
	Accham	Doti		
Save the Children US	Kailali	Kanchanpur		2 (Agreed)
Plan Nepal	Morang	Sunsari	Rautahat	6 (Agreed)
	Bara	Makwanpur	Banke	
Rural Reconstruction Nepal	Ilam	Jhapa	Saptari	9 (Agreed)
	Siraha	Khotang	Solukhumbu	
	Sankhuwasava	Bhojpur	Dailekh	
Save the Children Japan	Mahottari			1 (Agreed)
Room to Read	Rupandehi	Chitwan	Nawalparashi	3 (Agreed)
Total	Agreed			41

(2) Maintenance of Facilities

The target schools for the Project are limited to those that have already been established and authorized by The Government of Nepal, and where teachers are distributed and SMC is established for school management and maintenance activities. Therefore, the organization for the school maintenance system has already been prepared. On the other hand, maintenance costs are not large, with the only expenses being for building maintenance, as most of the schools have no electricity in the compound. Consequently, it is assumed that there will be no serious problems maintaining the facilities to be constructed under the Project, as they are designed to use as much local materials and construction resources as possible.

2-5 Initial Cost Estimation of the Project

2-5-1 Initial Cost Estimation of the Project

The overall cost of the Project is estimated to be **1,364.8** million Japanese Yen, if Grant Aid by the Government of Japan is extended to the Project. The breakdown of the costs borne by the Japanese side and the Nepalese side is as follows:

(1) Cost Borne by the Japanese Government

Draft Estimate of the Cost Borne by the Japanese Government

Total		App.982 million JPY	
Items	(million JPY)		
Construct. Materials	Classroom Bldg	654	370 <u>Site</u>
	Toilet	172	740 <u>Classrooms</u>
	Water Supply	11	362 <u>Toilets</u>
	Furniture	79	90 <u>Water supplies</u>
D/D Check, S/V on Procurement		66	Total Floor Area
			37,631 <u>m²</u>

(2) Cost Borne by the Recipient Country

Draft Estimate of the Cost Borne by the Nepalese Side

Borne by The Government of Nepal	Borne by SMC	Total
117.2	92.7	209.9
(213.7)	(169.1)	(382.8)

Million NRs
(Million JPY)

- 1) Preparation of Project, Recruitment of Engineers and Sub-engineers
by The Government: NRs. 10,231,000 (¥18,656,000)
- 2) Arrangement of Depots
by The Government: NRs. 3,520,000 (¥6,419,000)
- 3) Transportation of construction materials from depots to sites
by The Government: NRs. 5,028,000 (¥9,168,558)
- 4) Collection of Local Materials(stones, gravels, sands)
by The Government: NRs. 57,994,400 (¥105,753,000)
by SMC: NRs. 44,597,700 (¥81,324,000)
- 5) Procurement of Labor and Construction Work
by The Government: NRs. 40,389,100 (¥73,650,000)
by SMC: NRs. 48,140,300 (¥87,784,000)
- 6) Arsenic test and installation of filters
by The Government: NRs. 24,000 (¥44,000)

(3) Condition of Estimate

- 1) The Period of Estimate

October 2007

- 2) Exchange Rate

1NRs. = 1.8235 JPY, 1US\$ = 121.39 JPY

- 3) Period of Project Implementation

The period of Detailed Design and Procurement required for the Project is shown in the Schedule of Works.

- 4) Others

The Project will be implemented under the scheme of Japan's Grant Aid System. This cost estimate is provisional and will be examined further by the Government of Japan.

2-5-2 Operation and Maintenance Cost

Not only the facilities are constructed under the Project but also all school facilities are to be maintained by communities under the responsibility of SMCs. For that purpose, SMC's are encouraged to prepare SIPs on their own. DOE annually provides each SMC with the funds of Rs.275/student in Terai districts, Rs. 300/student in Hill districts, and Rs.325/student in Mountain districts on condition that the purposes of expenditures are stated in the SIPs:

Furthermore, DOE is providing each school with a management fund of Rs.11,000 (Rs. 13,000 for Secondary School, Rs. 21,000 for High School) mainly to cover teachers' salaries and rehabilitation of buildings. In addition, Rs.300/teacher is to be provided for procuring educational materials. It is assumed that there will be no serious problems maintaining the facilities to be constructed under the Project. On the other hand, reinforcing the capacity of the SMCs in planning SIPs and managing the school facilities would be effective for the proper maintenance of the physical facilities as well. In this regard, *the Japan's technical assistance project for improvement of School* is expected to contribute to the effective use of the school physical facilities that will be constructed under the Project.

2-6 Other Relevant Issues

2-6-1 Security

The project sites may be changed or excluded from the project at any stage of the project in case the Japanese side judges that the security situation of the site is not appropriate to implement the project. The Nepalese side should gather information of the security situation and provide the Japanese side with it timely.

2-6-2 Collaboration with the JICA Technical Cooperation Projects

In Dhading district, the JICA technical cooperation projects, namely “Community-based Alternative Schooling Project (CASP)”, “The Support for Improvement of Primary School Management”, and “The Support for Improvement of School Health and Nutrition (tentative name)” are being implemented or scheduled to be implemented. By selecting the target schools of the technical cooperation projects as the target schools of this project as well, a synergy effect for the improvement of enrollment and of school environment can be expected. Therefore, the final target schools should be selected under the close discussion with the project team of the above technical cooperation projects.

CHAPTER 3 PROJECT EVALUATION AND RECOMMENDATIONS

Chapter 3 Project Evaluation and Recommendations

3-1 Project Effect

It is appropriate to implement the Project under Japan's Grant Aid Assistance, because the Project will have the following effects:

(1) Direct Effects

1) Improvement of Educational Environment

By replacing deteriorated classrooms, which are structurally dangerous, with rainwater leakage, and/or insufficient natural lighting and ventilation, with new ones of better quality, the Project will contribute to improving the educational environment, which will be effective for improving internal efficiency. Furthermore, the provision of toilets and water-supply facilities will greatly encourage the attendance of female teachers and students.

Table 20 No. of Direct Beneficiaries by the Project

	Terai	Hill	Total
No. of Classrooms to be constructed in this Project	160	580	740
Capacity per classroom	50	45	
No. of students who can use the classroom constructed in this Project	8,000 per year	26,100 per year	34,100 per year

(2) Indirect Effects

1) Enhancement of Community Participation to Education

Community participation in overall primary school management activities will be enhanced through participation in this construction project and through guidance provided by the government on various educational matters.

3-2 Recommendations

For the effective implementation of the project, it is recommended that The Government of Nepal take the following actions:

1) Coordination with other donors

As and when necessary for the effective implementation of the Project, the DOE should ensure effective coordination with the pool funding donors in terms of the school physical facilities components including the allocation of target districts.

2) Execution of project components other than those covered by the Grant Aid of Japan

DOE shall execute construction of facilities other than those covered by Grant Aid of Japan such as rehabilitation of existing classroom buildings, fencing for school compound.

3) Measure for Arsenic Problems

To respond to the arsenic problem, The Government of Nepal will conduct water tests for arsenic contamination through the government line agency, Department of Water Supply and Sewerage, in all schools where water supply facilities are to be provided by the Project in the Terai region and to install arsenic removal plants if arsenic

contamination is over 0.05 mg/litre.

4) Maintenance of the Facilities

While SMCs are supposed to be responsible for the proper maintenance of not only the facilities constructed under the Project but all the facilities in their schools, the Government of Nepal is to provide the SMCs with appropriate guidances, especially for the proper use and maintenance of toilets.

APPENDICES

Appendix 1 Member List of the Study Team

1-1 Field Survey Team

Mr. Yoshio Fukuda	Leader	Deputy Resident Representative, JICA Office in Nepal
Ms. Chiharu Morita	Coordinator	Senior Project Administration Officer, Education and Vocational Training Team, Project Management Group II, Grant Aid Management Department, JICA
Mr. Fumitomi Fujita	Chief Consultant	Fukuwatari & Architectural Consultants Ltd.
Mr. Kenichi Tanaka	Educational Planning	Fukuwatari & Architectural Consultants Ltd.
Mr. Yasuhiro Matsumoto	Material, Equipment and Procurement Planning / Cost Estimation	Fukuwatari & Architectural Consultants Ltd.

1-2 Explanation on Draft Basic Design Report Team

Mr. Kenichiro Kobayashi	Leader	Chief, JICA Office in Nepal
Ms. Chiharu Morita	Coordinator	Senior Project Administration Officer, Education and Vocational Training Team, Project Management Group II, Grant Aid Management Department, JICA
Mr. Fumitomi Fujita	Chief Consultant	Fukuwatari & Architectural Consultants Ltd.
Mr. Yasuhiro Matsumoto	Material, Equipment and Procurement Planning / Cost Estimation	Fukuwatari & Architectural Consultants Ltd.

Appendix 2 Study Schedule

2-1 Field Survey

			JICA		Consultant		
			Team Leader (JICA Nepal Office)	Coordinator (JICA)	Chief Consultant/ Architectural Planning	Educational Planning	Construction Materials & Equipments Planning/ Cost
			Mr. Yoshio FUKUDA	Ms. Chiharu MORITA	Mr. Fumitomi FUJITA	Mr. Kenichi Tanaka	Mr. Yasuhiro MATSUMOTO
1	2-Sep	Sun		TG641 NRT11:00 15:30BKK	TG677 NRT16:55 21:25BKK	TG641 NRT11:00 15:30BKK	
2	3-Sep	Mon	Courtesy Call on Japan Embassy, Discussion with JICA Nepal	TG319 BKK10:40 12:45KTM Courtesy Call on Japan Embassy, Discussion with JICA Nepal			
3	4-Sep	Tue	Interview to UNICEF about Education Sector Project				
4	5-Sep	Wed	Courtesy Call on MOES MOF, Explanation & discussion of Inception Report & Questionnaire with DOE				
5	6-Sep	Thu	Site visit & DEO meeting in Dadhing, Tanahu, Stay at Pokhara				
6	7-Sep	Fri	Site visit, Factory visit, and DEO meeting in Kaski, Stay at Pokhara				
7	8-Sep	Sat	Back to Kathmandu, Preparation of the Draft Minutes of Meeting				
8	9-Sep	Sun	Discussion on Minutes of Meetings with DOE				
9	10-Sep	Mon	Discussion on Minutes of Meetings with DOE, Report to JICA Nepal				
10	11-Sep	Tue	Report to Japan Embassy	Report to Japan Embassy TG320 KTM13:50	Report to Japan Embassy	Visit other donors, Collection of data	Procurement survey, collection of quantity survey materials
11	12-Sep	Wed		07:30NRT	Discussion with DOE/PSS	collection of education sector documents	Procurement survey, collection of quantity survey materials
12	13-Sep	Thu			Discussion with DOE/PSS	collection of education sector documents	Procurement survey, collection of quantity survey materials
13	14-Sep	Fri			Discussion with DOE/PSS	collection of education sector documents	Procurement survey, collection of quantity survey materials
14	15-Sep	Sat			Internal meeting, Preparation for site visits		Procurement survey, collection of quantity survey materials
15	16-Sep	Sun			Leave Kathmandu by air to Pokhara, Leave for Baglung, Meeting at DEO Baglung, School site survey, procurement survey, etc.		Procurement survey, collection of quantity survey materials
16	17-Sep	Mon			Move to Palpa, Visit schools and meet with SMC, School site survey, Meeting at DEO Palpa		Procurement survey, collection of quantity survey materials
17	18-Sep	Tue			Leave for Gulmi, Visit schools and meet with SMC, Meeting at DOE Gulmi, Return to Tansen		Procurement survey, collection of quantity survey materials
18	19-Sep	Wed			Leave for Pokhara by jeep and onward to Kathmandu by air		Procurement survey, collection of quantity survey materials
19	20-Sep	Thu			Data analysis of the site survey result		Procurement survey, collection of quantity survey materials
20	21-Sep	Fri			Studies of school facilities	Visit other donors, Collection of data	Procurement survey, collection of quantity survey materials
21	22-Sep	Sat			Internal meeting, Data analysis		
22	23-Sep	Sun			Studies on school facilities, discussion	Discussion with DOE	Studies on school facilities, discussion
23	24-Sep	Mon			Discussion with	Discussion with DOE	Discussion with
24	25-Sep	Tue			Internal meeting, Data analysis		
25	26-Sep	Wed			Discussion with INGO(SaveTheChildre n). Data analysis	Discussion with DOE	Discussion with INGO(SaveTheChildre n). Data analysis
26	27-Sep	Thu			Discussion with DOE/PSS		
27	28-Sep	Fri			Discussion with MOF, Discussion with DOE/PSS		
28	29-Sep	Sat			Internal meeting, Data analysis		
29	30-Sep	Sun			Discussion with DOE/PSS		
30	1-Oct	Mon			Report to Japan Embassy & JICA Nepal, Preparation of survey report		
31	2-Oct	Tue			Visit NGO(IDE), Preparation of survey report		
32	3-Oct	Wed			TG320 KTM13:50 18:20BKK		TG320 KTM13:50 18:20BKK
33	4-Oct	Thu			TG676 BKK7:30 15:40NRT		TG642 BKK23:10 07:30NRT

2-2 Explanation of Draft Basic Design Report

			JICA		Consultant	
			Leader	Coordinator	Chief Consultant / Architectural Planning	Material, Equipment and Procurement Planning / Cost Estimation
			Mr. Kenichiro Kobayashi	Ms. Chiharu Morita	Mr. Fumitomi Fujita	Mr. Yasuhiro Matsumoto
1	21-Jan	Mon		TG641 NRT10:45 15:45BKK	TG677 NRT17:15 22:15BKK	TG641 NRT10:45 15:45BKK
2	22-Jan	Tue	Discussion with JICA Nepal Office	TG319 BKK10:40 12:45KTM Discussion with JICA Nepal Office		
3	23-Jan	Wed	Discussion with DOE on the Draft Report & Specification			
4	24-Jan	Thu	Courtesy Call on MOES, Discussion with DOE/PSS on the Draft Report, Specification, and Minutes of Meeting (M/M)			
5	25-Jan	Fri	Courtesy Call on MOF, Report to the Japan Embassy			Additional procurement survey
6	26-Jan	Sat		TG320 KTM14:05 18:30 TG642 BKK23:50	Internal meeting	
7	27-Jan	Sun		07:30NRT	Discussion with DOE/PSS on cost estimation	
8	28-Jan	Mon			Discussion with DOE/PSS on the details of B/D Report, Report to JICA Nepal Office	
9	29-Jan	Tue			TG320 KTM14:05 18:30BKK TG642 BKK23:50	
10	30-Jan	Wed			07:30NRT	

**Shaded dates are holidays in Nepal*

Appendix 3 List of Parties Concerned in the Recipient Country

3-1 Field Survey

Ministry of Finance	Under Secretary, Foreign Aid Coordination Division Section Officer, Foreign Aid Coordination Division	Mr. Madhu K. Marasini Mr. Tek Bahadur Khatri
Ministry of Education and Sports	Joint Secretary, Planning Division Section Officer, Planning Division Section Officer, Curriculum Development Center (CDC) Deputy Director, NCED Section Officer, NCED Section Officer, FACS	Mr. Arjun Bahadur Bhandari Mr. Narayan Shrestha Mr. Taljyan Rai Mr. Bal Krishna Ranjit Mr. Siva Sapkota Mr. Indra Kunwar
Department of Education, DOE	Director General Director, Planning & Monitoring Division Deputy Director, Program & Budget Section Deputy Director, Physical Services Section (PSS) Engineer, Physical Services Section (PSS) Section Officer, Research & Educational Information Management Section Program officer, SSR Team Technical Advisor of DANIDA, Monitoring Section	Mr. Janardan Nepal Mr. Mahashram Sharma Mr. Mari Prasad Lamsal Mr. Shambu Prasad Uprety Mr. Youbraj Paudel Mr. Shankar Bahadur Thapa Ms. Nira Sakya Mr. Thomas Nielsen
District Education Offices, DEO	District Education Officer, Dhading Section Officer, DEO Dhading Section Officer, DEO Dhading Sub Engineer, DEO Dhading District Education Officer, Tanahu Section Officer, DEO Tanahu Section Officer, DEO Tanahu Resource Person (RP), Tanahu Resource Person (RP), Tanahu Accountant, DEO Tanahu District Education Officer, Kaski Acting District Education Officer, Kaski District Education Officer, Palpa District Education Officer, Gulmi	Ms. Dibya Kala Shrestha Mr. Shiva Raj Regmi Mr. Nava Raj Khatiwada Mr. Indra Jeet Shah Mr. Badri Raj Jaisi Mr. Tuk Raj Adhikari Mr. Bishnu Nath Shrestha Mr. Ram Kumar Shrestha Mr. Ananta Raj Regmi Mr. Jayanta Paudel Mr. Surya Gautam Mr. Narayan P. Bhandari Mr. Navraj Sharma Mr. Iswori Pd. Subedi
Schools Visited	Headmaster, Machhindra HSS, Dhading Headmaster, Ban Devi PS, Dhading Headmistress, Indrayani PS, Dhading Headmaster, Krishna LSS, Kaski Sub Engineer, Krishna LSS, Kaski Sub Engineer, Krishna LSS, Kaski Headmaster, Saraswati Tika SS Headmaster, Shree Sirjana HSS Headmaster, Bishnupaduka SS SMC member, Bhagavati PS, Palpa	Mr. Gopal Paudel Mr. Som Dhungana Ms. Suraj Shrestha Mr. Kedar Nath Adhikari Mr. Kulananda Chaudhary Mr. Dinesh Nath Yadav Mr. Tika Ram Adhikari Mr. Bishwaraj Bastola Mr. Buddin Prakash Bastola Mr. Pabitra K. Thaiba
Other Donors, NGOs		
UNICEF	Chief, Education Section Project Officer, Education Section	Ms. Linda Jones Ms. Sabina Joshi

UNDP	Project Coordinator, Disaster Risk Reduction Unit Project Associate, Community-based Disaster Management Project	Mr. Om Mulmi Mr. Rudra Neupane
ADB	SESP Consultant	Mr. Mohan Gopal Nyacchyon
World Education	EMIS Specialist	Mr. Sammidan Koirala
Save the Children Norway	Programme Director	Mr. Bhola Prasad Dahal
International Development Enterprise (IDE)	Head of Engineering Consultant	Mr. Kailash Sharma Mr. Deepak
Suppliers		
Machhapuchhre Metal & Machinery Industry	Engineer Engineer	Mr. Bishnu Pandey Mahes Karki
Dibyashwari Furniture	Chairman	Mr. Bhim Raj Regmi
New Everest Traders	Managing Director	Mr. Sajjan Rajbhandary
Deep Engineering Construction	Managing Director	Mr. Dipendra Lal Amatya
National Development Private Ltd.	Director	Mr. Badri Narayan Shrestha

3-2 Explanation of Draft Basic Design Report

Ministry of Finance	Under Secretary, Foreign Aid Coordination Division Section Officer, Foreign Aid Coordination Division	Mr. Deepak Kharel Mr. Tek Bahadur Khatri
Ministry of Education and Sports	Secretary Under Secretary	Mr. Balananda Poudel Dr. Lenha N. Poudel
Department of Education, DOE	Director General Deputy Director, Physical Services Section (PSS) Engineer, Physical Services Section (PSS)	Mr. Janardan Nepal Mr. Shambu Prasad Uprety Mr. Youbraj Paudel
Department of Water Supply and Sewerage: DWSS	Section Chief, Water Quality Improvement & Monitoring Section	Er. A. K. Mishra

Appendix 4 Minutes of Discussions

4-1 Field Survey

MINUTES OF DISCUSSIONS
ON THE BASIC DESIGN STUDY
ON THE PROJECT FOR CONSTRUCTION OF PRIMARY SCHOOLS
IN SUPPORT OF EDUCATION FOR ALL (PHASE II)
IN NEPAL

In response to a request from the Government of Nepal, the Government of Japan decided to conduct a Basic Design Study on the Project for Construction of Primary Schools in Support of Education for All (Phase II) (hereinafter referred to as "the Project") and entrusted the study to the Japan International Cooperation Agency (hereinafter referred to as "JICA").

JICA sent to Nepal the Basic Design Study Team (hereinafter referred to as "the Team"), which is headed by Mr. Yoshio FUKUDA, Deputy resident representative, JICA Nepal Office, and is scheduled to stay in the country from September 3, 2007 to October 3, 2007.

The Team held discussions with the officials concerned of the Government of Nepal and conducted a field survey at the study area.

In the course of discussions and field survey, both parties confirmed the main items described on the attached sheets. The Team will proceed to further work and prepare the Basic Design Study Report.

Kathmandu, September , 2007

Mr. Yoshio FUKUDA
Leader,
Basic Design Study Team
Japan International Cooperation Agency
(Japan)

Mr. Janardan Nepal
Director General,
Department of Education
Ministry of Education and Sports
(Nepal)

ATTACHMENT

1. Objective of the Project

The objective of the Project is to contribute to the “EFA Program 2004-2009” by expanding access to primary education and improving classroom situation through supplying construction materials and furniture for the school physical facilities(classrooms, water supply and toilets).

2. Project Sites

2-1. Both parties confirmed that the districts described in Annex-1 are finally requested for the Project by the Nepalese side with the following view points. The location of each district is also shown in Annex-1.

- Policy framework of EFA Program 2004-2009
- Demand/Needs of new classroom construction based on EMIS 2006
- Accessibility and other favorable conditions for the implementation
- Districts not covered by previous support from Japanese Grant Aid
- Synergy effect in collaboration with JICA technical cooperation projects.

2-2. All the candidate districts will be surveyed and examined with the collected data through further study by the Team

3. School Selection Procedure

Both parties agreed that the School Selection would be decentralized to each districts, and would be done according to the guideline of the DOE which is shown in Annex-2

4. Responsible and Implementing Organizations

4-1. The Responsible Organization is Ministry of Education and Sports (MOES).

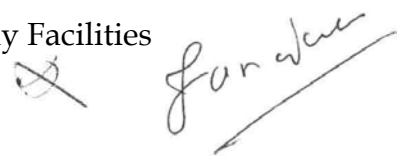
4-2. The Implementing Organization is Department of Education (DOE). In particular Physical Services Section (PSS) of DOE has a leading role to implement the Project in close coordination with District Education Offices (DEOs).

4-3. The organization chart of MOES and DOE are attached as ANNEX-3 and 4

5. Items requested by the Government of Nepal

After discussions with the Team, the items described as follows were finally requested by the Nepalese side.

- Materials for Construction of Classrooms
- Materials for Construction of Toilets
- Materials for Construction of Water Supply Facilities
- Furniture for Classrooms

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However, the final decision on the items to be covered by the Japanese side will be done by the Japanese side after further study in Japan.

6. Japan's Grant Aid Scheme

6-1. The Nepalese side understands Japan's Grant Aid Scheme explained by the Team, as described in ANNEX-5.

6-2. The Nepalese side will take the necessary measures, as described in ANNEX-6, for smooth implementation of the Project, as a condition for Japan's Grant Aid to be implemented.

7. Schedule of the Study

7-1. The Team will stay in Nepal until October 3, 2007 to conduct further study.

7-2. JICA will prepare the draft report in English and dispatch a mission in order to explain its contents at around the end of January 2008.

7-3. In case the contents of the report are accepted in principle by the Government of Nepal, JICA will complete the final report and send it to the Government of Nepal by April 2008.

8. Other Relevant Issues

8-1 Title of the Project

Both sides agreed to modify the title of the project from "The project for Construction of School Buildings in Support of Education for All Program" to "The Project for Construction of Primary Schools in Support of Education for All (Phase II)".

8-2 Schedule of Implementation

Both sides confirmed that the implementation period of the project would have possibility to be a single phase, from 2008 to 2009.

8-3 Security

The Team explained that the Japanese side was concerned about the security of the Project sites. Both sides agreed that (a) site(s) would be excluded from the Project at any stage of the Project in case the Japanese side judged that the security situation of the site(s) was not appropriate to implement the Project.

8-4 Preliminary List of Proposed Schools

The Nepalese side assured to provide JICA Nepal office with a list of proposed schools including the number of facilities and the data used for school selection by the end of November 2007.

8-5 Avoidance of Duplication with EFA-pool funded physical facilities

Both side agreed that the Project would not cover the construction of classrooms in the same districts as those covered by EFA-pool in the same Nepalese fiscal year because the

introduction of two different implementation modalities in the same fiscal year would cause the confusion in the targeted districts.

8-6 Budget and Personnel

The Nepalese side assured to allocate necessary budget and personnel for the implementation of the Project and maintenance of the facilities constructed by the Project. In particular, the Nepalese side assured to start preparation for budget allocation for the Nepalese fiscal year 2008/2009 on time, and to manage adequate logistic support, mainly transportation facilities, for effective construction supervision and monitoring.

Japanese side understands the needs and importance of such logistic supports for assuring quality of construction and smooth implementation.

8-7 Design of Facilities

Both Parties agreed that the design of facilities used by the Project would be based on the latest standard design adopted by DOE with possible improvements of the design in terms of cost, easiness of construction and so on. The Nepalese side understood that the final decision on the design would be done by the Japanese side after further study in Japan.

8-8 The Nepalese side strongly requested the technical cooperation for capacity building of engineering staff of DOE and/or DEOs for better planning and construction management of school physical facilities.

ANNEX-1: Name and Location of Districts Requested by the Nepalese Side

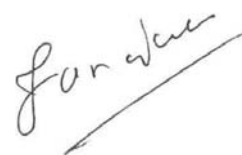
ANNEX-2: School Selection Criteria

ANNEX-3: Organization Chart of MOES

ANNEX-4: Organization Chart of DOE

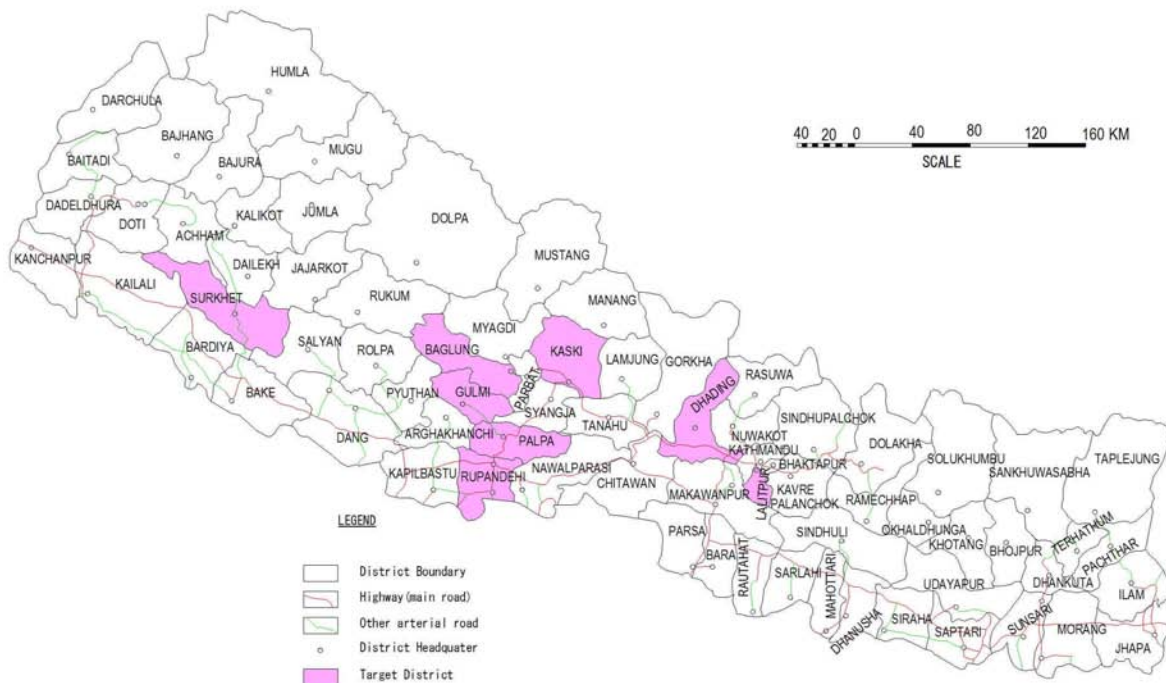
ANNEX-5: Japan's Grant Aid Scheme

ANNEX-6: Major Undertakings to be taken by Each Government



ANNEX-1: Name and Location of Districts Requested by the Nepalese Side

District Code	District	Topography
30	Dhading	Hill
46	Gulmi	Hill
47	Palpa	Hill
59	Surkhet	Hill
45	Baglung	Hill
49	Rupandehi	Terai
25	Lalitpur	Valley
40	Kaski	Hill



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Sanjeev

ANNEX-2: School Selection Criteria

Schools are being selected according to the following well defined criteria in two stages.

Step 1: Educational criteria

- 1.1 All the Schools with classes running inclusive education (i.e. Special education) are prioritized first.
- 1.2 All management handed over to community Schools are prioritized second.
- 1.3 Prioritizing the remaining schools based on Educational Index

In this step all the Schools including Secondary and Lower Secondary schools having primary section (Excluding private and Boarding Schools) will be prioritized based on following Educational Criteria (Index)

A.	Enrollment of Dalit Students (X)	=	$\frac{\text{Total No. of Dalit Students in PL}}{\text{Total No. of Students in PL}}$
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Weightage of X = 40 %

PL: Primary Level

B.	Enrollment of Girl Students (Y)	=	$\frac{\text{Total No. of Girl Students PL}}{\text{Total No. of Students in PL}}$
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Weightage of Y = 30 %

C.	Ratio of grade 5 to grade 1 students (Z)	=	$\frac{\text{Total No. of Students in grade 5}}{\text{Total No. of Students in grade 1}}$
----	--	---	---

Weightage of Z = 30 %

*In case the school has no grade 5, the No. of Students in highest grade of PL shall be applied.

Educational Index (EI) = 0.4 X + 0.3 Y + 0.3 Z

Thus, all the schools of a district will be prioritized giving the highest priority to those schools having highest Educational Index (EI) and least priority to those schools having lowest EI.

Note:1) All the educational data will be extracted from Educational Management Information System (EMIS) of DOE. This leads to use of single source data and least chance of data manipulation.

~~Signature~~

Sanjeev

Step 2: Need Identification

A long list of schools in each district is to be prepared in the order of priorities stated in Step 1, then within the capacity of a particular project, schools are selected based on criterion A, then on criterion B and lastly on criterion C. A physical survey of all the schools will be carried out to obtain the data.

A.	Adequacy of classrooms (ACR)	=	$\frac{\text{Total No. of Classrooms in PL}}{\text{Total No. of Classes in PL [Including Section(s)]}}$
----	------------------------------	---	---

If ACR is less than 1 the school is eligible for NCR construction

Note: If ACR is equal to or greater than 1, the school has sufficient classrooms and it will be ignored for NCR construction.

B.	Space per Student (SST)	=	$\frac{\text{Total Area of Classrooms in PL (m}^2\text{)}}{\text{Total No. of Students in PL}}$
----	-------------------------	---	---

If SST is less than 0.75 m² then the school is eligible for NCR construction

Note: For Primary School minimum SST has been prescribed as 0.75 m² and for Secondary and Lower Secondary Schools minimum this value has been prescribed as 1.2 m² per student in order to create conducive physical environment for effective teaching and learning. If the value of SST is equal to or greater than 0.75 then the school will be ignored for NCR construction since the minimum requirement is fulfilled. Lower the value of SST than the prescribed value lesser the space available per student or more crowded is the classroom showing higher demand for additional space for new classroom construction.

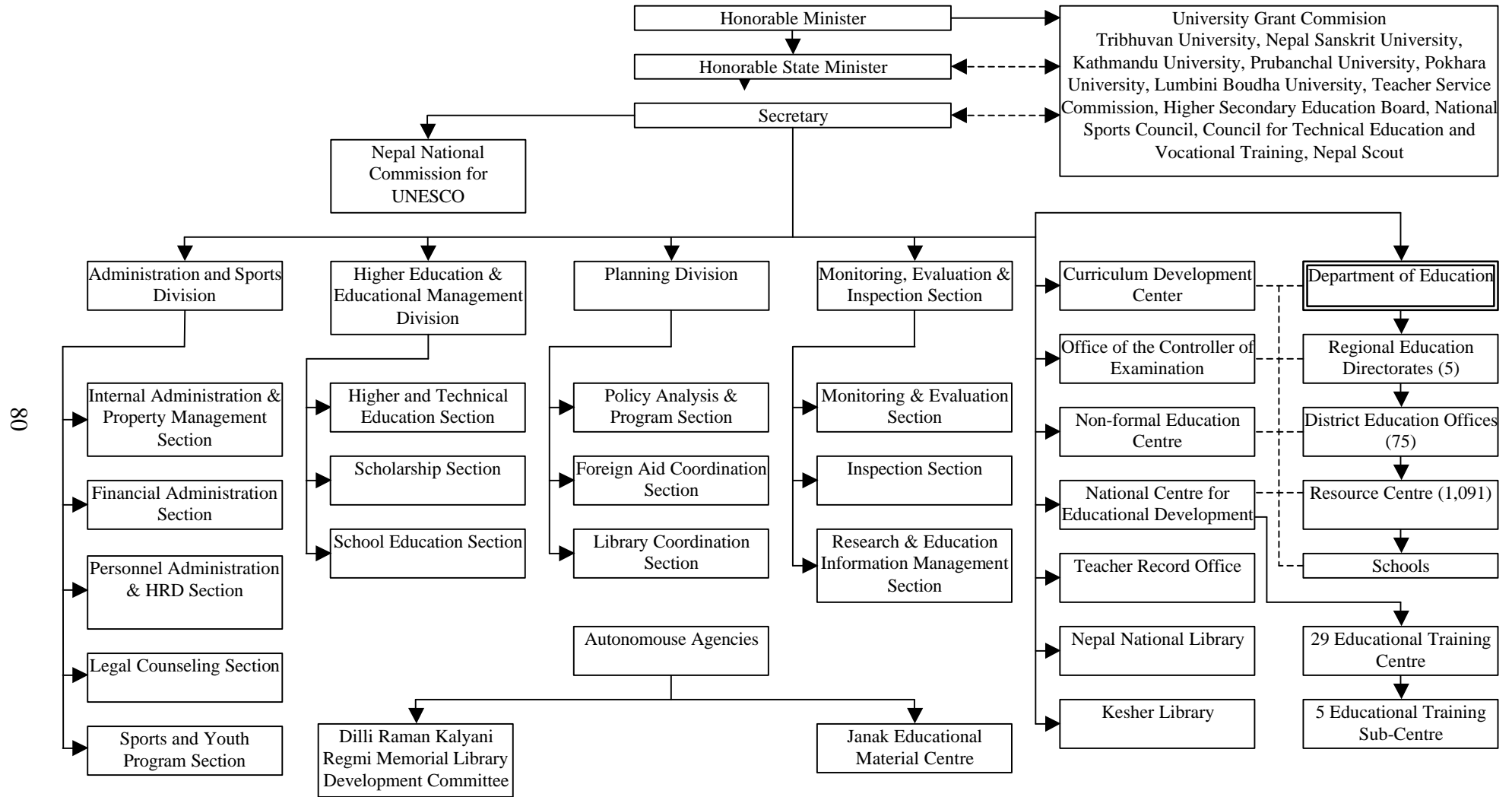
C.	Students per Classroom (SCR)	=	$\frac{\text{Total No. of Students in PL}}{\text{Total No. of Classrooms in PL}}$
----	------------------------------	---	---

Educational Rules and Regulation (2059) prescribed the Standard value of SCR as 50, 45 & 40 for Terai, Hill and Mountain region respectively

If value of SCR exceeds by 20% the school is eligible for NCR construction, because classrooms are highly crowded

If value of SCR is less than the standard value (i.e. 50, 45 & 40) then the school will be ignored for NCR construction, because min. required space per student is available in the classroom.

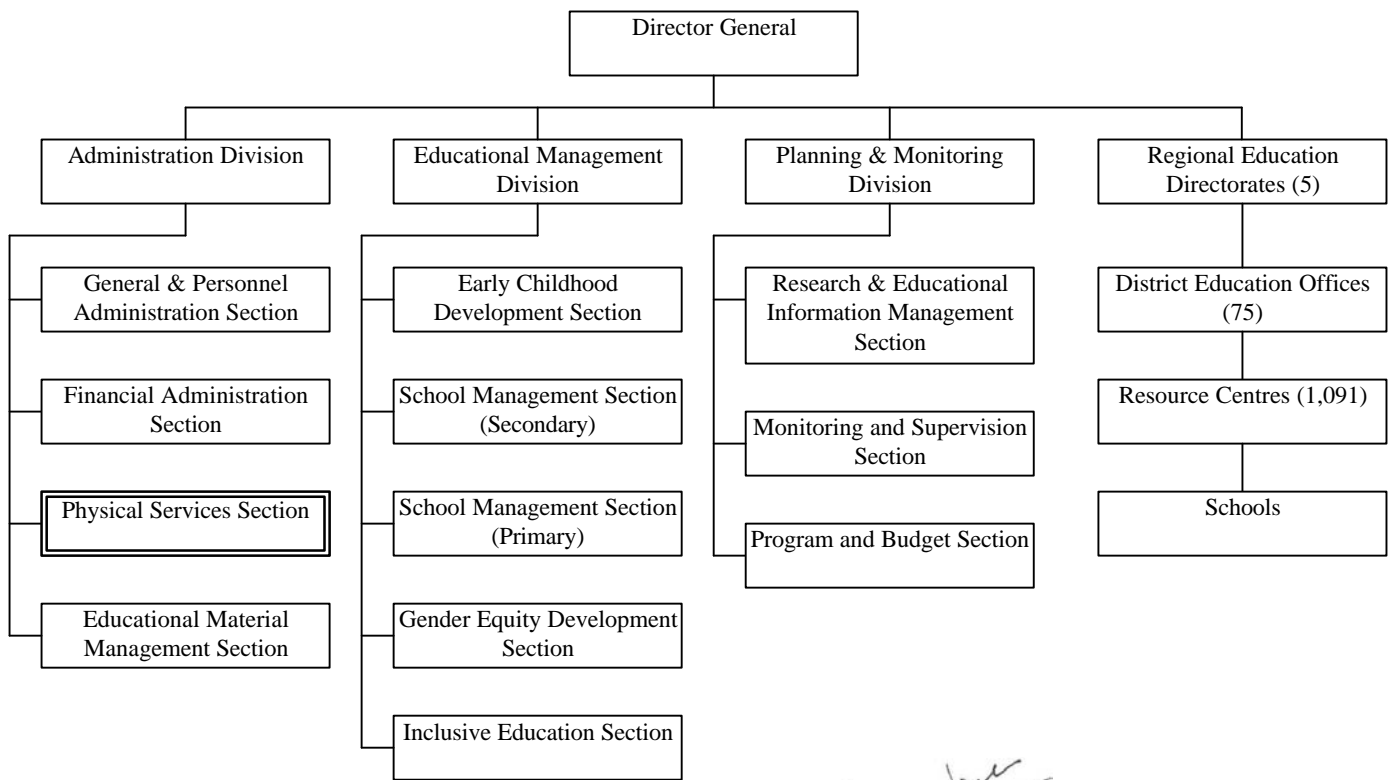
ANNEX-3: Organization Chart of MOES



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ANNEX-4: Organization Chart of DOE



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ANNEX-5: Japan's Grant Aid Scheme

The Grant Aid scheme provides a recipient country with non-reimbursable funds to procure the facilities, equipment and services (engineering services and transportation of the products, etc.) for economic and social development of the country under principles in accordance with the relevant laws and regulations of Japan. The Grant Aid is not supplied through the donation of materials as such.

(1) Grant Aid Procedure

Japan's Grant Aid Scheme is executed through the following procedures.

Application	(Request made by a recipient country)
Study	(Basic Design Study conducted by JICA)
Appraisal & Approval	(Appraisal by the Government of Japan and Approval by Cabinet)
Determination of implementation	(The Notes exchanged between the Governments of Japan and the recipient country)

Firstly, the application or request for a Grant Aid project submitted by a recipient country is examined by the Government of Japan (the Ministry of Foreign Affairs) to determine whether or not it is eligible for the Grant Aid. If the request is deemed appropriate, the Government of Japan assigns JICA (Japan International Cooperation Agency) to conduct a study on the request.

Secondly, JICA conducts the study (Basic Design Study), using (a) Japanese consulting firm(s).

Thirdly, the Government of Japan appraises the project to see whether or not it is suitable for Japan's Grant Aid Scheme, based on the Basic Design Study report prepared by JICA, and the results are then submitted to the Cabinet for approval.

Fourthly, the project, once approved by the Cabinet, becomes official with the Exchange of Notes (E/N) signed by the Governments of Japan and the recipient country.

Finally, for the smooth implementation of the project, JICA assists the recipient country in such matters as preparing tenders, contracts and so on.

(2) Basic Design Study

1) Contents of the Study

The aim of the Basic Design Study (hereafter referred to as "the Study"), conducted by JICA on a requested project (hereafter referred to as "the Project"), is to provide a basic document necessary for the appraisal of the Project by the Government of Japan. The contents of the Study are as follows:

- Confirmation of the background, objectives, and benefits of the requested Project and also institutional capacity of agencies concerned of the recipient country necessary for the Project's implementation.
- Evaluation of the appropriateness of the Project to be implemented under the Grant Aid Scheme from a technical, social and economic point of view.
- Confirmation of items agreed upon by both parties concerning the basic concept of the Project.
- Preparation of a Basic Design of the Project

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- Estimation of cost of the Project

The contents of the original request are not necessarily approved in their initial form as the contents of the Grant Aid project. The Basic Design of the Project is confirmed considering the guidelines of Japan's Grant Aid Scheme.

The Government of Japan requests the Government of the recipient country to take whatever measures are necessary to ensure its self-reliance in the implementation of the Project. Such measures must be guaranteed even though they may fall outside of the jurisdiction of the organization in the recipient country actually implementing the Project. Therefore, the implementation of the Project is confirmed by all relevant organizations of the recipient country through the Minutes of Discussions.

2) Selection of Consultants

For smooth implementation of the Study, JICA uses (a) registered consulting firm(s). JICA selects (a) firm(s) based on proposals submitted by interested firms. The firm(s) selected carry(ies) out a Basic Design Study and write(s) a report, based upon terms of reference set by JICA.

(3) Japan's Grant Aid Scheme

1) Exchange of Notes (E/N)

Japan's Grant Aid is extended in accordance with the Notes exchanged by the two Governments concerned, in which the objectives of the Project, period of execution, conditions and amount of the Grant Aid, etc., are confirmed.

- 2) "The period of the Grant Aid" means the one fiscal year which the Cabinet approves the Project for. Within the fiscal year, all procedures such as exchanging of the Notes, concluding contracts with (a) consulting firm(s) and (a) contractor(s) and final payment to them must be completed.

However, in case of delays in delivery, installation or construction due to unforeseen factors such as natural disaster, the period of the Grant Aid can be further extended for a maximum of one fiscal year at most by mutual agreement between the two Governments.

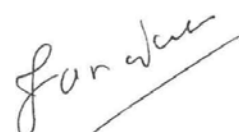
- 3) Under the Grant Aid, in principle, Japanese Products and services including transport or those of the recipient country are to be purchased.

When the two Governments deem it necessary, the Grant Aid may be used for the purchase of the products or services of a third country.

However, the prime contractors, namely, consulting, constructing and procurement firms, are limited to "Japanese nationals". (The term "Japanese nationals" means persons of Japanese nationality or Japanese corporations controlled by persons of Japanese nationality.)

4) Necessity of "Verification"

The Government of recipient country or its designated authority will conclude contracts denominated in Japanese yen with Japanese nationals. Those contracts shall be verified by the Government of Japan. This "Verification" is deemed necessary to secure accountability to Japanese taxpayers.



5) Undertakings required of the Government of the Recipient Country

In the implementation of the Grant Aid project, the recipient country is required to undertake such necessary measures as the following:

To secure land necessary for the sites of the Project and to clear, level, and reclaim the land prior to commencement of construction,

To provide facilities for the distribution of electricity, water supply and drainage and other incidental facilities in and around the sites,

To secure buildings prior to the procurement in case the installation of the equipment,

To ensure all expenses and prompt execution for unloading, customs clearance at the port of disembarkation and internal transportation of the products purchased under the Grant Aid,

To exempt Japanese nationals from customs duties, internal taxes and other fiscal levies which will be imposed in the recipient country with respect to the supply of the products and services under the Verified Contracts,

To accord Japanese nationals, whose services may be required in connection with the supply of the products and services under the Verified contracts, such facilities as may be necessary for their entry into the recipient country and stay therein for the performance of their work.

6) "Proper Use"

The recipient country is required to operate and maintain the facilities constructed and equipment purchased under the Grant Aid properly and effectively and to assign staff necessary for this operation and maintenance as well as to bear all expenses other than those covered by the Grant Aid.

7) "Re-export"

The products purchased under the Grant Aid should not be re-exported from the recipient country.

8) Banking Arrangements (B/A)

a) The Government of the recipient country or its designated authority should open an account in the name of the Government of the recipient country in a bank in Japan (hereinafter referred to as "the Bank"). The Government of Japan will execute the Grant Aid by making payments in Japanese yen to cover the obligations incurred by the Government of the recipient country or its designated authority under the Verified Contracts.

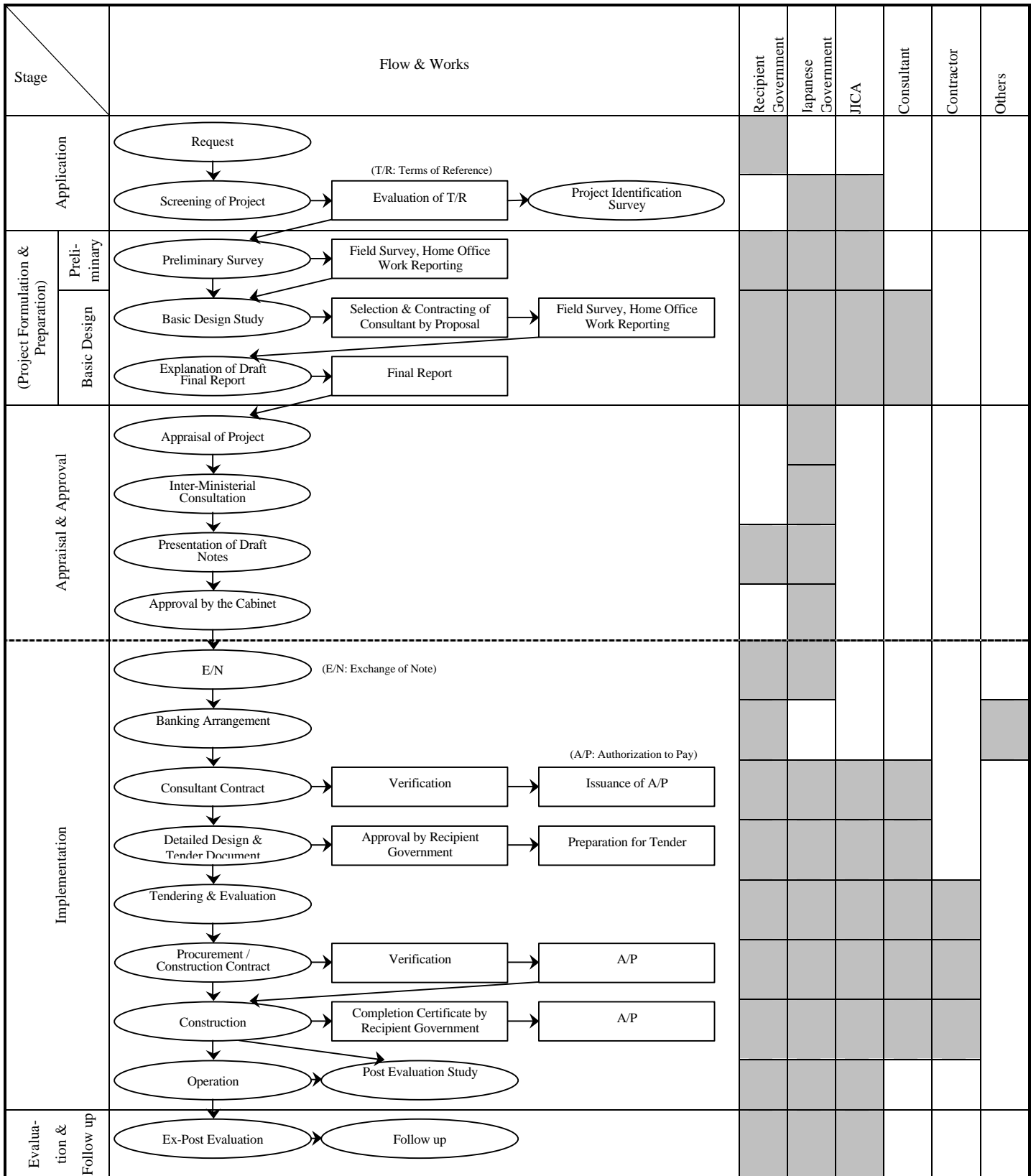
b) The payments will be made when payment requests are presented by the Bank to the Government of Japan under an Authorization to Pay (A/P) issued by the Government of the recipient country or its designated authority.

9) Authorization to Pay (A/P)

The Government of the recipient country should bear an advising commission of an Authorization to Pay and payment commissions to the Bank.



FLOW CHART OF JAPAN'S GRANT AID PROCEDURES



Jan 2000

ANNEX-6: Major Undertakings to be taken by Each Government

No.	Items	To be covered by Grant Aid	To be covered by Recipient Side
1	To bear the following commissions to the Japanese bank for banking services based upon the B/A		
	1) Advising commission of A/P		
	2) Payment commission		
2	To ensure unloading and customs clearance at port of disembarkation in recipient country		
	1) Marine (Air) transportation of the products from Japan to the recipient		
	2) Tax exemption and custom clearance of the products at the port of disembarkation		
	3) Internal transportation from the port of disembarkation to the project site		
3	To accord Japanese nationals, whose service may be required in connection with the supply of the products and the services under the verified contract, such facilities as may be necessary for their entry into the recipient country and stay therein for the performance of their work		
4	To exempt Japanese nationals from customs duties, internal taxes and other fiscal levies which may be imposed in the recipient country with respect to the supply of the products and services under the verified contracts		
5	To maintain and use properly and effectively the facilities contracted and equipment provided under the Grant Aid		
6	To bear all the expenses, other than those to be borne by the Grant Aid, necessary for the transportation and installation of the equipment		

for above

4-2 Explanation of Draft Basic Design Report

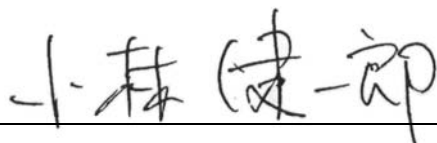
MINUTES OF DISCUSSIONS
ON THE BASIC DESIGN STUDY
ON THE PROJECT FOR CONSTRUCTION OF PRIMARY SCHOOLS
IN SUPPORT OF EDUCATION FOR ALL (PHASE II)
IN NEPAL
(EXPLANATION ON DRAFT REPORT)

In September 2007, the Japan International Cooperation Agency (hereinafter referred to as "JICA") dispatched a Basic Design Study Team on the Project for Construction of Primary Schools in Support of Education for All (Phase II) (hereinafter referred to as "the Project") to Nepal, and through discussion, field survey, and technical examination of the results in Japan, JICA prepared a draft report of the study.

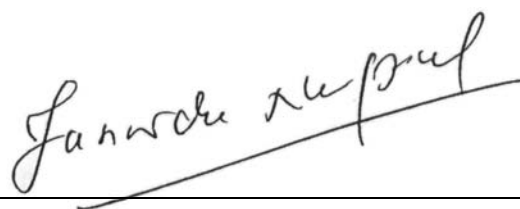
In order to explain and to consult with the Government of Nepal on the components of the draft report, JICA sent to Nepal the Draft Report Explanation Team (hereinafter referred to as " the Team "), which is headed by Mr. Kenichiro KOBAYASHI, Chief, JICA Nepal Office, from January 22 to January 29, 2008.

As a result of discussions, both parties confirmed the main items described on the attached sheets.

Kathmandu, February 05, 2008



Mr. Kenichiro KOBAYASHI
Leader,
Draft Report Explanation Team
Japan International Cooperation Agency
(Japan)



Mr. Janardan Nepal
Director General,
Department of Education
Ministry of Education and Sports
(Nepal)

ATTACHMENT

1. Components of the Draft Report

The Government of Nepal agreed and accepted in principle the components of the draft report explained by the Team.

2. Japan's Grant Aid Scheme

The Nepalese side understood the Japan's Grant Aid Scheme and the necessary measures to be taken by the Government of Nepal as explained by the Team and described in Annex-5 and Annex-6 of the Minutes of Discussions signed by both parties on September 24, 2007.

3. Schedule of the Study

JICA will complete the final report in accordance with the confirmed items and send it to the Government of Nepal by April 2008.

4. Other relevant issues

4-1. Districts covered by the Project and components covered by the Japanese side

Both sides agreed on districts covered by the Project and the components covered by the Japanese side as shown in Annex-1.

4-2. List of schools and facilities covered by the Project

Both sides agreed to change the number of components for Dhading district from 40 classroom blocks to 50 classroom blocks in terms of synergy effect in collaboration with JICA technical cooperation projects.

The Nepalese side shall prepare the final list of schools covered by the Project based on the result of Detailed Design Study and with the consultation of the Japanese side for the synergy effect, and present it to the Japanese side around July 2008.

The Nepalese side understood that the numbers of facilities described in Annex-2 were upper limits and the final numbers of facilities shall be adjusted within those upper limits.

4-3. Necessary works covered by the Nepalese side

The following works shall be covered by the Nepalese side for the implementation of the Project. The Nepalese side assured that the necessary budget and personnel for those



works would be secured by the Nepalese side

- Construction contracts with school management committees
- Installation of depots
- Transportation of materials to sites
- Procurement of local materials and labour
- Construction of facilities
- Supervision and monitoring of construction
- Maintenance of facilities

4-4. Countermeasure for the arsenic problem

Both parties agreed that the existence of the arsenic in groundwater of some terai region was a very serious problem for the safety of human bodies and dealt with carefully. Nepalese side assured to conduct water tests for arsenic contamination through the government line agency, Department of Water Supply and Sewerage, in all schools where water supply facilities were covered by the Japanese side in terai region and to install arsenic removal plants if arsenic contamination is over 0.05 mg/litre. Department of Education and Department of Water Supply and Sewerage will work together and exchange MOU between them, for assuring this matter.

Regarding the previous projects, Department of Water Supply and Sewerage will complete water tests for arsenic contamination within 3 months. If arsenic contamination is over 0.05 mg/litre, Department of Education will install arsenic removal plants with their budget of fiscal year 2007/2008, or by mobilizing other agencies.

4-5. Security of personnel related to the Project

The Nepalese side shall take necessary measures to provide security to the personnel related to the Project. Both parties agreed that (a) site(s) would be excluded from the Project at any stage of the Project in case the Japanese side judged that the security situation of the site(s) was(were) not appropriate to implement the Project.

4-6. Monitoring of the Project

The Nepalese side shall report the progress of the Project to the Japanese side through monthly meetings. Within 3 months from the completion of most facilities, the Nepalese side present to the Japanese side a report on the completion of facilities with a list of



schools, facilities constructed, completion dates, copies of completion certificates, etc.

4-7. Contents of Draft Report

Both sides agreed that the contents of the draft report would be confidential, be dealt with carefully and not be disclosed to any third parties.

4-8 Confidentiality of the Project Cost Estimation

The Team explained the cost estimation of the Project as described in Annex-3. Both sides agreed that the Project Cost Estimation should never be duplicated or released to any outside parties before signing of all the Contracts for the Project. The Nepalese side understood that the Project Cost Estimation attached as Annex-3 is not final and is subject to change.

4-9 Request for continuous cooperation

The Nepalese side strongly requested the Japanese side to continue cooperation for constructing school facilities.

This fiscal year, DOE is constructing around 12,000 classrooms. Still, the demand for new classroom construction is estimated around 40,000 to be done in 4 years from 2008/2009 to 2011/2012.



Annex-1 Districts covered by the Project and Components covered by the Japanese side

1. Districts covered by the Project

Baglung
Dhading
Gulmi
Kaski
Lalitpur
Palpa
Rupandehi
Surket

2. Components covered by the Japanese side

Major construction materials for classrooms
Major construction materials for toilets
Major construction materials for water supply systems
Classroom furniture



Annex-2 Numbers of facilities covered by the Project

District Name	Classroom Blocks*		Toilet Sets**		Water Supply		Classroom Furniture Sets
	Terai	Hill	Terai	Hill	Terai	Hill	
Baglung		40		39		11	1,200
Dhading		50		48		29	1,500
Gulmi		40		39		11	1,200
Kaski		40		40		4	1,200
Lalitpur		40		37		2	1,200
Palpa		40		40		14	1,200
Rupandehi	80		80		9		2,720
Surkhet		40		39		10	1,200
Total	80	290	80	282	9	81	11,420

*One classroom building has two classrooms

**One toilet set has two blocks(1 for boys and 1 for girls)




Annex-3 Initial Cost Estimation

The overall cost of the Project is estimated to be 1,391.8 million Japanese Yen, in case Grant Aid by the Government of Japan is extended to the Project. The breakdown of the costs borne by the Japanese side and the Nepalese side is as follows:

(1) Cost Borne by the Japanese Government

Draft Estimate of the Cost Borne by the Japanese Government

Total		App.1,009 million JPY		
Items	(million JPY)			
Construct. Materials	Classroom Bldg	654	915	370 Site
	Toilet	171		740 Classrooms
	Water Supply	11		362 Toilets
	Furniture	79		90 Water supplies
D/D Check, S/V on Procurement		94		Total Floor Area 37,631 m2

(2) Cost Borne by the Recipient Country

Draft Estimate of the Cost Borne by the Nepalese Side

Borne by The Government of Nepal	Borne by SMC	Total
117.2	92.7	209.9
(213.7)	(169.1)	(382.8)

Million NRs
(Million JPY)

- 1) Preparation of Project, Recruitment of Engineers and Sub-engineers
by The Government: NRs. 10,231,000 (¥18,656,000)
- 2) Arrangement of Depots
by The Government: NRs. 3,520,000 (¥6,419,000)
- 3) Transportation of construction materials from depots to sites
by The Government: NRs. 5,028,000 (¥9,168,558)
- 4) Collection of Local Materials(stones, gravels, sands)
by The Government: NRs. 57,994,400 (¥105,753,000)
by SMC: NRs. 44,597,700 (¥81,324,000)
- 5) Procurement of Labor and Construction Work
by The Government: NRs. 40,389,100 (¥73,650,000)
by SMC: NRs. 48,140,300 (¥87,784,000)
- 6) Arsenic test and installation of filters
by The Government: NRs. 24,000 (¥44,000)

(3) Condition of Estimate

- 1) The Period of Estimate
October 2007
- 2) Exchange Rate
1INRs. = 1.8235 JPY, 1US\$ = 121.39 JPY
- 3) Period of Project Implementation
The period of Detailed Design and Procurement required for the Project is shown in the Schedule of Works.
- 4) Others
The Project will be implemented under the scheme of Japan's Grant Aid System. This cost estimate is provisional and will be examined further by the Government of Japan.



Appendix 5 Other Relevant Data

5-1 Confirmation Survey on the Facilities Constructed

1. Introduction

In case the Project is implemented under the grant aid of Japan, the Japanese side will procure and deliver the major construction materials to depot centres (bricks are to be delivered at school sites), while their local transportation as well as construction work will be done by the communities under the guidance and supervision by Government of Nepal.

While the government of Japan is to confirm if the materials procured by the Japanese side have been properly used as stipulated in the B/D report by receiving a formal report from the Government of Nepal, it has been difficult to obtain such reports in time for various reasons.

In the previous school construction project under JGA, therefore, the Japanese consultant has carried out confirmation surveys of the facilities constructed under the project, which was effective not only in confirming accurately how the construction materials were used for the facilities but also in obtaining useful technical information on how to improve the project implementation system. It will be appropriate to do the similar survey for this project as well, to aim the following effects in the ways stated in each of the items:

- 1) **Timely and accurate information to confirm if construction materials have been effectively used in accordance with the B/D report**
The survey report is to be submitted to both Japanese and Nepalese Government
- 2) **Giving timely guidance to communities on how to remedy the defects in construction work**
The surveyors will give necessary guidance to the communities immediately upon finding defects in construction work
- 3) **Timely countermeasures by Government of Nepal for defects in construction work**
The consultant will inform DOE of defects upon finding them so that DOE can take the necessary measures soon.
- 4) **Useful Information for Improving Implementation system of the Project**
The survey report will include evaluation and recommendations of the implementation system of the project.

To achieve the effects stated above, the confirmation survey will be done in the manner stated below.

2. Objectives of Survey

The rationale of the survey is to confirm the delivery of construction materials provided under the Japan's Grand Aid. To see that they have been received by the schools and also to see that they have been properly used in the manner and the ways stated in the Basic Design Study Report. The survey will provide information on the completion of construction work and explore strengths and weaknesses of the implementation procedure including community participation. The survey will address the following issues:

- Physical Conditions of the Facilities Constructed
- Use of the Materials Provided under the Project
- Use of the Facilities constructed under the Project
- Physical Conditions in General of all Schools
- Key Educational Data of the Schools
- Construction Management System Applied by the Communities
- Finance of the Project
- Preference of, and Problems/Difficulties experienced by the Communities in Performing Transportation of Materials and Construction Work if any
- Suggestions on Design, Technology and use of Local Materials by the Communities
- Other Comments of the Communities

3. Methodology

The survey will be carried out by engineers, preferably those who worked during implementation of the project. They will visit the schools and gather information through a questionnaire form and by inspecting the facilities constructed. Photographic records of facilities will also be gathered. For the consistency of the quality judgement of the completed facilities a joint pre-trial survey will be carried out at the beginning of the survey.

Because of the difficulty travelling to remotely located schools in the Hill and Mountain regions, more surveyors will be engaged to cover the schools in the time planned for the survey. In spite of this it may not be possible to cover each and every individual school if the security in the districts deteriorates during the period of the survey. Therefore, coverage of the survey by site inspection will be 85% of the total number of the project sites or more in each district, and the remaining 15% or less may be handled by collecting information from the people concerned of construction at the sites in question.

Detail questionnaire forms will be developed and a detailed survey proposal will be made before the survey is conducted.

4. Organisation of Survey Team

The survey will be headed by a Team Leader with two assistants and a number of surveyors, depending on the number of districts that are implemented during that phase of the project. There will be one survey engineer appointed for each district. In districts where schools are mostly in the Hill and Mountain Region provision of two surveyors may be necessary to complete the survey in the stipulated time.

5. Report on Survey

- A draft report will be prepared in English and will be submitted to the DOE as well as to JICA for comments.
- The final report will then be prepared developing and revising the draft report incorporating appropriate comments given by DOE and JICA.

6. Programme of Survey

The Survey will be carried out according to the Tentative Programme, attached. The dates and the schedule will be worked out in detail for the three phases of implementation of the project in the calendar year of the on-going project. The confirmation survey will begin around mid-October and will end around mid-March. As a general guide, the Table below shows the activities of the confirmation survey and the approximate time it will take for its completion. The times are in weeks. In the districts where schools are located in remote regions, two surveyors will be employed to complete the confirmation survey in the time planned.

Tentative Time Schedule

Activities	Time in Weeks
Preparation of Survey Plan	2
Submission and Comments	1
Revision of Survey Plan	1
Preparation for Survey	1.5
Joint Trial Survey	0.5
Confirmation Survey	4
Data Entry	4
Data Analysis & Draft Report writing	4
Presentation of Draft Report	0
Review and Comments	1
Final Report writing	2
Submission of Final Report	0
Total	21

7. Principles for Developing the Survey Items in Detail

Plans for data processing and forms of survey will be prepared to collect and analyse the following:

- **Physical Conditions of Facilities Constructed under the Project**
The surveyor rates the performance of construction work in general into 4 grades, excellent, good, acceptable and poor for each of the Classroom Block, RC and Toilet.
- **Use of Materials Provided under the Project**
The surveyor rates the performance of construction works in 4 grades, excellent, good, acceptable and poor for each of the Classroom Block, RC and Toilet.
 - Brick Masonry
 - Truss Installation
 - Doors and Windows including fittings
 - Roofing
 - Mortar/Finishing
 - Painting
 - Construction Work in total
 - Arsenic Testing (and countermeasures taken in the case of Arsenic found to be above the acceptable limit)
 - Installation of Water Supply Facility
 - Fixing of Donation Board
 - Classroom Furniture and RC Furniture
- **Use of Facilities Constructed under the Project**
The surveyor records the status of the following:
 - Provision of Classroom Furniture to the classrooms (sufficient, some or none)
 - Occupants of classrooms (grade, number of students)
 - Use of purposes other than for classroom (how many times per month)
 - Maintenance in general of classrooms
 - User of toilet (male teachers, female teachers, male students, female students)
 - Maintenance in general of toilet
 - Provision of Furniture to RCs (sufficient, some or none)
 - Nomination of Resource Person (Yes, No)
 - Activities in general in RCs (active, average, minimal or none)
- **Physical Conditions in General of all Schools**
The surveyor records the situations on the following items:
 - Land area of the school compound
 - Total number of classrooms, Teachers' room and others
 - Total number of toilet booths
 - Total number of Water supply taps
 - Existence of boundary fence
 - Number of classrooms to be further rehabilitated
 - Total number of classroom furniture (number of seats)
- **Key Educational Data for the Schools**
The surveyor records the situations on the following items:
 - Number of Teachers (male, female, total)
 - Number of Students (by grade)
 - GER (Boys and Girls), NER (boys and girls)
 - Distance of commune of Teachers (max, min. average)
 - Distance between the school and students' residence (max, min. average)
- **Construction Management System Applied by Communities**
The surveyor records the status of the following items:
 - Who was the site manager: (Headmaster, other teacher, member of SCAC, VDC member, local contractor, others)

- Details of Sub-letting with amounts (local transportation, entire construction work, brick masonry, truss installation, wood work, mortar, others)
 - Visit by DOE overseer (how often: was that enough? Yes/No...why?)
 - Visit by DOE/FAC engineer (how often: was that enough? Yes/No...why?)
 - Any difficulty in receiving bricks at site? (Yes/No.. why?)
 - Any difficulty in finding skilled labour? (Yes/No..why?)
 - Any difficulty in collecting local materials? (Yes/No..why?)
 - Who provided non-skilled labour?
 - Cost of non-skilled labour
 - Who provided (or collected) local materials
 - Cost of Local Materials
- Financing of Project by the Community

The surveyor records the status on the following:

 - Total amount collected for the Project including from DEO
 - Total amount spent for the Project
 - Total amount collected other than from DEO for the Project
 - Sources of the funds with each amount (attendance charge of students, donations, others)
 - Amount received from DEO for Construction
 - Amount spent for Construction
 - Amount received from DEO for local transportation
 - Amount spent for local transportation
- Period of Construction:
 - Preference of, and Problems/Difficulties Experienced by the Communities in Transportation of Materials and Construction Work if any.
 - Suggestions on Design, Technology and Use of Local Materials by the Communities
 - Other Comments by the Communities

Letter of Understanding signed between the Government of Nepal and Save the Children Norway (SCN) for School Physical Improvement

1. Introduction

- Within the limitations of the present Social Welfare Act of Nepal and the agreement signed between Save the Children Norway and Social Welfare Council in April 2005 for the period from September 2005 till February 2009.
- And as per Rule No. 192 of the Educational Rules and Directives issued by the MOES
- Save the Children Norway will provide services for monitoring of progress and high level analysis of the work of School Physical Improvement in 12 districts agreement was signed on *Ashoj* 10, 2063
- This agreement is for additional 8 districts, agreement period July 2007 to July 2009
- Services will be provided to those School Management Committee where new construction of classrooms, toilets, water supply units, compound improvement are being implemented.
- Services: Social mobilization, engineering technical support – estimating, Community participation and social auditing,
- Districts:
 - Far West** – *Bajura, Achham and Doti*
 - Mid West** – *Bardiya, Surkhet, Dang, Rukum, Rolpa, Salyan, Kalikot, Dolpa, Jumla, Humla and Mugu*
 - West** – *Palpa, Tanahu, Lamjung and Baglung*
 - Central** – *Sindhupalchowk*
 - East** – *Udayapur*

2. Objective

For timely providing and managing engineers, sub-engineers to work through SMC in implementing the School Physical Improvement and complete them on time so that the children can benefit in getting quality education in a proper environment.

3. General Conditions

- Work within the laws of the country
- Program will not be duplicated and will be implemented in a general manner
- Program will be implemented within the norms of both the parties
- Work in the interest of the children
- Resolve problems jointly
- Work within the norms of the DOE
- To be implemented through SMC and comply with the DOE environment norms

4. Role of Agreeing Parties

a) Responsibility of DOE

- To analyze, coordinate and implement programs at the central level of the government, NGOs, UN Agencies in order to reduce duplication and implement them effectively
- Provide necessary budget for the construction to the districts
- Advice and assist in formulation of plans and policies

- Coordinate In the formulation of educational plans and policy
- Instruct and coordinate district offices for the implementation of construction program
- Monitor and evaluate programs regularly and suddenly
- Quarterly evaluation of progress
- Provide necessary drawings to schools through DEO
- Provide necessary training to technicians through Save the Children Norway & Partner

b) Responsibility of Save the Children Norway and joint organization

- While carrying out its operations in the districts it will encompass all the VDC of the district and coordinate with the DEO to implement the yearly program set out by the DEO
- The allocated budget of the SCN will be operated in accordance with the agreement made with the Social Welfare Council
- To help the DEO to coordinate with the district level organizations working in the field of education
- For the implementation of the Physical Improvement of Schools, necessary engineer/sub-engineers to be timely recruited and to provide them their salary and other perks
- Take advice and agreement of DOE in deciding the necessary number of engineers/sub-engineers and provide necessary training at the same time exchange experiences
- To construct additional toilets and water supply according to the needs of the schools with own budget

c) Services to be provided by the engineer of Save the Children Norway or joint organization to the DEO

- With respect to the construction, to help the DEO to prepare and implement the yearly plan, program and budget
- To prepare the Action Plan of construction works and implement them according to the approved yearly budget
- To monitor and supervise district level civil construction of School Physical Improvement
- To prepare job description, allocate work to subordinate sub-engineers and get approval from DEO
- To collect/prepare four-monthly progress report of the School Physical Improvement and submit it to DOE/PSS
- Recommend timely the payment of the progress of the construction
- To recommend timely solutions to problems during the construction or that may rise during construction to the DOE
- To check drawings, quantity estimates, rate analysis and cost estimates prepared by the sub-engineers and recommend them to the DEO for approval
- To check MB prepared by the sub-engineers and recommend them for payment to the DEO
- To select schools in accordance to the criteria laid down by the DOE for the School Physical Improvement and submit to the DEO for approval
- As per the rules to carry out the signing of the agreement between the DEO and the selected school of the School Physical Improvement program
- To coordinate and carry out through the sub-engineers the survey and preparation of review forms of all the schools under the School Physical Improvement Program
- To provide technical support to all the schools of the School Physical Improvement Program and maintain its record
- To bring public awareness to the community where the School Physical Improvement Program is being implemented in the district
- To construct according to the Type Design of Classrooms, Toilet etc. prepared by the DOE. Other construction apart from the Type Design will be implemented after approvals from the DOE and as necessary prepare/provide all the Architectural, Structural, and Electrical, Sanitary etc. designs
- To provide all other necessary technical support with full responsibility
- To complete earlier incomplete works and carry out any other technical works in the office
- Other conditions wrt Service
 - Any secret report gathered during the execution of duties shall not be transmitted to any other than responsible officer. Full responsibility will be borne If case such information transmitted to others causes harm or loss to the DEO

- Expendable/not expendable items received from the DEO will be used carefully and on completion of duties will be returned to the DEO

d) Services to be provided by the sub-engineer of Save the Children Norway or joint organization to the DEO

- To visit all schools in the districts and carry out the school physical survey
- Within the approved budget and program to help in the selection of schools for classroom rehabilitation, improvement of the external environment (water supply, toilets, wire fencing), new classroom construction, manage furniture, school maintenance training etc.
- To visit all schools and help the school to prepare a School Physical Improvement Plan and also prepare a summary of the plan
- To prepare the design, drawing, cost estimate and agreement for the implementation of the program in accordance to the rules. To get the agreement signed, supervise the program, prepare the MB and recommend for its payment
- Inform of the school maintenance
- Prepare report of field visits
- According to the rules to prepare monthly/four-monthly and yearly progress report and submit to the DEO and engineer. Also keep a record of all works carried-out
- Help in the preparation of program and budget
- To carry out any other work requested by the engineer/DEO regarding School Physical Improvement
- Other conditions wrt Service
 - Any secret report gathered during the execution of duties shall not be transmitted to any other than responsible officer. Full responsibility will be borne If case such information transmitted to others causes harm or loss to the DEO
 - Expendable/not expendable items received from the DEO will be used carefully and on completion of duties will be returned to the DEO

e) Responsibility of the DEO

- The DOE will play the Leading Role in the implementation of the District Educational Plan and SCN or joint organization will provide the Technical Supportive Role
- Implementation of the programs of the DOE and SNV or joint organizations in the district will be carried out in coordination
- Within the limits of the law the DOE will provide all possible help requested by SNV or joint organization
- SNV or joint organization will give priority to the request made by the children and community
- The DOE will expend its budget in accordance to its own system
- The Five member School Selection Committee and Monitoring Committee will after selecting the school discuss and review the four-monthly progress and will be the responsibility of the DEO to report to the DOE and SCN

5. Planning, Implementation, Monitoring and Progress Report

- District level plan for monitoring can be done and implemented and to be reported four-monthly to the DOE
- Yearly progress to be reviewed at the end of the fiscal year in the central and at the district level the four-monthly progress will be reviewed jointly (*Kartik, Falgoon and Ashad*) in the districts and any shortcomings reported will be given preference for to solve the problem
- Implementation of the District Educational Plan will be undertaken jointly - joint participation and coordination
- Opportunity will be available for the exchange of yearly progress in the district will be made available to both the parties

6. Amendment

The DOE and SCN can amend the Letter of Understanding through mutual agreement by issuing a written notice

7. Termination

The DOE and/or SCN can terminate this Letter of Understanding by giving in advance a three months notice.

Signed:

- 1. Janardan Nepal, Director General/Department of Education*
- 2. Gunar Andersen, Country Director, Save the Children Norway*
- 3. Dr. Laba Deb Awasti, Joint Secretary, Ministry of Education and Sports*
- 4. Bhola Prasad Dahal, Head, Education Program, Save the Children Norway*
- 5. Shambhu Prasad Uprety, Senior Divisional Engineer, MOES/DOE*

Guidelines for Quality Inspection

The purpose of quality inspection of materials is to ensure the delivery of the materials of the appropriate quality and standard as agreed in the contract between the Purchaser and the Supplier. Inspections can be done at the point of delivery or at the factory where materials are produced or manufactured. This can also be done at both locations depending on the type of materials that would be supplied and the conditions laid down in the contract.

Types of Activities during Inspection

The quality inspection of the construction materials generally involves one or more of the following activities:

- 1) **Sampling:** Sampling is one of the important activities. The procedure for random sampling of the consignment delivered at the depot or at the factory before dispatching the materials should be followed as given in the relevant standards. The procedure of drawings samples can also be mutually agreed upon between the Purchaser and the Supplier. Samples should be drawn from the lot in such a way that it represents the lot uniformly under inspection.
- 2) **Dimension Check:** To ensure that products/items are of the size and shape, dimensional checks are performed at the delivery point or at the factory. Such checks are carried out with standard measuring tape for items with large dimensions, however for measuring items or products with smaller dimensions, appropriate measuring equipment such as vernier calipers, micrometer, etc. will be used.
- 3) **Weight Check:** Weight/mass of certain items such as cement, lime, CGI sheet shall be checked at the depot or at the factory. Weight of the materials under inspection shall be taken with a balance of appropriate capacity. Generally, the weight of cement and lime is checked at the delivery point.
- 4) **Visual Check:** A visual check is necessary to ascertain the texture, colour and finishing of the product and the trade marks or identification marks on the product itself or on its packing materials.
- 5) **Chemical Test:** Chemical test of the items/product is more complex requiring laboratory facilities. This test is generally performed on cement. After sampling at the depot it is transported to a laboratory for its chemical analysis by the lab technician. Utmost care is taken in drawing samples from the lot for transporting it to the laboratory.
- 6) **Physical Test:** This test can be performed on certain items such as cement, plywood, CGI sheet etc. at the laboratory with appropriate testing facilities. Care is taken to draw test specimens of appropriate size and weight for transporting it to the testing laboratory.

Location of Sampling and Its Inspection

The sampling of the materials can be done in two locations namely factory and depot or delivery point. For major items such as CGI sheets, MS trusses, MS window/door frames and door/window shutters sampling can be done for both the raw-materials and the finished product at the factory. However, sampling at the depot will be done only on the finished product.

Inspections involving activities 1 to 4 as stated above can be carried out at the depot or the factory without much difficulty but inspection requiring chemical analysis and physical test may not be possible at the place of sampling. Such samples shall be taken carefully following standards methods. Additional care should be taken in their packing and while transporting them to the laboratory

Inspection Team

In order to have a good understanding between the Purchaser/Consultant and the Supplier, a joint inspection team is recommended. The team shall comprise of an engineer from DOE and/or an engineer from the Consultant and an engineer from the Supplier.

Reporting Format

An appropriate reporting format, has been developed for reporting the inspection results. See the format attached.

Conformity of Materials Inspected

Test results are checked in accordance to the specifications of the contract document. Then a brief statement of the test result is recorded for their conformity / non-conformity with respect to the given specifications and drawings.

Approval of the Materials Inspected

An Approval / rejection note of the consignment of the materials either at the depots or at the factory, based on the test result, is then issued to the concerned person. The authority to issue an approval / rejection note should be delegated to the joint inspection team for items involving activities 1 to 4. However, the approval note or a rejection note for items or materials involving chemical and physical test should be given by the Senior Divisional Engineer, DOE, upon receipt of the results from the laboratory. If the materials get rejected, then the Supplier will remove the materials from the depots immediately.

Frequency of Inspection.

It generally depends on the volume of the production at the factory and the amount of materials delivered at the depots. However, inspection during the fabrication of materials at the factory should be done from time to time. For example, the door and window shutters, MS door/window frames, MS tubular trusses, CGI sheets and bricks require more frequent inspection for their quality control at the factory. But items such as hardware, wood, cement, paints, lime and reinforcement bar can be inspected at the time of delivery at the depots.

Inspection Report (sample)

Date: _____

1. Location of Sampling: Exfactory/Depots/Construction site
(State the location of sampling)
2. Location of Inspection: Exfactory/Depots/Construction site/Laboratory
(State the location and name of the laboratory/facilities/depots)
3. Materials Inspected: Write the name of materials under inspection namely cement, MS trusses etc.
4. Lot Size: State the quality of the materials being inspected

5. Sample Size: State the number of samples drawn and procedure followed

6. Dimension Check: Check the height, width and thickness as appropriate.

7. Weight Check: Take the weight of the samples under inspection

8. Visual Check: Check the colour, texture, visual defects and trade mark or identification marks.
9. Chemical Analysis: Draw sample for chemical analysis from the lot under inspection. An appropriate packing and marking giving details shall be done before transporting it to the laboratory. This will be taken to the laboratory by persons attending the test.
10. Physical Test: Draw samples for physical analysis from the lot under inspection. An appropriate packing and marking giving details shall be done before transporting it to the laboratory. This will be taken to the laboratory by persons attending the test.
11. Conformity Statement:
 1. State whether test result conform to the given specification
 2. State whether the check measurements tally with the dimensions in the approved drawings.
12. Name, designation and office name shall be written of each member of the joint team

Signature:

Signature:

Signature:

.....
Name:

Designation:

Department of Education

.....
Name:

Designation:

Consultant

.....
Name:

Designation:

Supplier

Approval Notes/Rejection Notes Sample

Date: _____

Having carefully inspected the sample according to the procedures laid down in the inspection guidelines and standards we, hereby, **Approve/Reject** the following materials:

1. _____

Statement of Compliance/ Remark:

Depot Centre: _____

Factory: _____

District: _____

Signature:

Signature:

Signature:

Name:

Designation:

Department of Education

Name:

Designation:

Consultants

Name:

Designation:

Supplier

Reporting of Depot Inspection Results

In order to have a systematic reporting of the inspection results of materials at the depot, the consultant's office will adopt a reporting system for its internal use with the following details:

1. Details

- 1.1. Depots/Construction site. (State the location of sampling)
- 1.2. Depots/Construction site. (State the location and name of the depots)
- 1.3. Write the name of materials under inspection i.e. cement, MS trusses etc.
- 1.4. State the quantity of the materials being inspected.
- 1.5. State the number of samples drawn.
- 1.6. Check height, width, thickness, diameter and diagonal measurements as appropriate. Use a separate sheet for recording the measurements.
- 1.7. Take weight of the samples under inspection. Use a separate sheet for recording the weights
- 1.8. Check the colour, texture and trademark or identification marks.
- 1.9.
 - a. State whether test results conform to the given specification.
 - b. State whether the check measurements tally with the dimensions in the approved drawings.
- 1.10. The consignment that does not meet the requirements of the specification and drawing should be rejected verbally. This verbal rejection should be recorded here. After explaining defects or nonconformity to the supplier's representative request him verbally to remove the materials immediately and instruct him for the replacement of the same with the proper one.
- 1.11. Inform Consultant whether the Supplier has replaced the verbally rejected materials.
- 1.12. Write the name of the supplier's representative.

2. Instructions

- 2.1. Site engineer deputed to the project sites by the office to supervise the quality of construction materials shall report all inspection results in a form with the details as listed above in 1 (1.1 to 1.12).
- 2.2. Site engineer shall follow the standard procedures in carrying out the inspections of the materials at the depot/sites.
- 2.3. Inspection as shown in the "Inspection Check List" for the depot locations shall be carried out at intervals stated in the inspection frequency. However it could be longer or shorter if there is a good reason for doing so.
- 2.4. If corrections or improvements of the defects are not made by the concerned manufactures even after the request then this matter shall be reported to the Consultant's Office and DOE.

All inspection result shall be reported by the site engineer to Consultant's Office monthly.

Depot Inspection Report (Sample)

Date _____

District _____

1.1. Location of Sampling _____

1.2. Location of Inspection _____

1.3. Materials Inspected _____

1.4. Lot Size _____

1.5. Sample Size _____

1.6. Dimension Check _____

1.7. Weight Check _____

1.8. Visual Check _____

1.9. Conformity Statement : _____

1.10. Verbal Rejection _____

1.11. Correction/Improvement/Replacement _____

1.12. Name of the Supplier's representative _____

1.13. Name of Depot-in-Charge _____

Signature of Site Engineer

Name of Site Engineer

5-4 Tentative List of Target Schools (Picked Up from the Priority List from DOE, dated December 2007)

Priority List

Baglung District

S.N.	VDC/ Ward No.	School Name	No. of Student		No. of Toilet Pans		Availability of Water Supply	Demand	
			Boys	Girls	Boys	Girls		Toilet	WS
1	Taman -3	Dhan Gau Jyoti S.S. Taman	138	140					
2	Devisthan -2	Devisthan S.S. Devisthan	48	53					
3	Rangkhani -9	Janata P.S. Kiteni	45	44					
4	Hugdisheer -4	Barahkot P.S. Kafalthuta	81	89					
5	Dagatumdanda -7	Tribhuwan L.S.S. Kharbang	188	226					
6	Hugdisheer -1	Bhrikuti L.S.S. Kafalbot	84	78					
7	BoharaGaun -3	Surya P.S. Yanmyang	36	40					
8	Nisi -1	Gyanendra L.S.S. Nisi	200	321					
9	BoharaGaun -1	Janjagriti P.S. Chhapakhani	102	45					
10	Kandebas -3	Shiv S.S. Pachuwa	92	41					
11	Malma -5	Bhairab Pr.S.S. Banskhola	90	90					
12	Dudhilabhathi -2	Chauraha S.S. Amarjhakasthan	151	146					
13	Jaidi -5	Satidhunga S.S. Satidhunga	80	90					
14	Pandavkhani -6	Pandavkhani S.S. Kurinthan	129	128					
15	Hatiya -2	Jeevan Jyoti L.S.S. Upallo Lamai	114	136					
16	Narayansthan -5	Ganesh L.S.S. Thati	116	134					
17	Hugdisheer -5	Hugdisheer P.S. Pokharachaur	216	83					
18	Dhamja -5	Janta L.S. S. Khala	115	81					
19	Tityang -1	Singana S.S. Patale	97	98					
20	Bowang -2	Gyanodaya S.S. Bowang	184	107					
21	Jaidi -7	Sanskrit H.S.S. Belbagar	111	131					
22	Baglung NP -6	Mulpani S.S. Mulpani	105	131					
23	Tangram -5	Dhara S.S. Dhara	116	119					
24	Righa -1	Ratna Laxmi S.S. Thulo Righa	140	140					
25	Adhikarichaur -5	Vidya Bikash L.S.S. Tinkhet	113	112					
26	Baglung NP -4	Kalika Kanya Mandir S.S. Kamputole	95	130					
27	Khunga -7	Himalaya L.S.S. Gahunkhet	74	59					
28	Binamare -4	Sarvodaya Janak S.S. Binamare	133	127					
29	Bihunkot -1	Bhimsen P.S. Suldanda	106	106					
30	Arjewa -1	Jan Sikshit S.S. Sumsa	104	106					
31	Adhikarichaur -9	Bhuji Mahabir P.S. Bhujichaur	113	139					
32	Nisi -9	Tilachan P.S. Mungadhara	135	115					
33	Devisthan -7	Ratna Rajya Laxmi L.S.S. Jugjakhola	118	132					
34	Hatiya -3	Galkot H.S.S. Hatiya Bazar	157	134					
35	Sukhaura -5	Mahendra S.S. Nunthala	115	92					
36	Batakachaur -1	Balbikash P.S. Khalle	162	168					
37	Kandebas -1	Bhanu P.S. Chalise Tole	39	43					
38	Singana -9	Singana L.S.S. Patale	94	108					
39	Salyan -2	Dhaulagiri P.S. Daharepokhara	37	84					
40	Rayadanda -6	Maha Vidhyajan S.S.	76	125					
TOTAL								39	11

Priority List

Dhading District

S.N.	School Code No.	School Name	No. of Student		No. of Toilet Pans		Availability of Water Supply	Demand	
			Boys	Girls	Boys	Girls		Toilet	WS
1	300440005	Buddha Pra V	44	48	0	0	N	Y	Y
2	300340015	Machhindra HSS	39	62	3	3	Y	N	N
3	300340010	Janashakti Pra V	28	24	0	0	N	Y	Y
4	300210001	Jatashankhar Pra V	24	31	0	0	Y	Y	N
5	300290007	Sahid Jagat Prakash Pra V	19	20	0	0	N	Y	Y
6	300180008	Pipal Danda Pra V	37	55	0	0	N	Y	Y
7	300100005	Gyan Jyoti Pra V	26	25	0	0	N	Y	Y
8	300400001	Namuna Pra V	50	39	1	1	N	Y	Y
9	300140008	Jwaladevi Pra V	44	65	1	1	Y	Y	N
10	300210002	Sunkanya Pra V	39	22	1	1	Y	N	N
11	300340013	Gyanodaya Pra V	32	26	0	0	N	Y	Y
12	300440006	Chautara Ma V	60	66	0	0	N	Y	Y
13	300100004	Ratna Jyoti Pra V	32	39	1	1	N	Y	Y
14	300100003	Jagriti Pra V	38	54	0	0	Y	Y	N
15	300200011	Churibhanjang Pra V	49	40	1	1	Y	Y	N
16	300100002	Bal Jyoti Pra V	47	44	0	0	N	Y	Y
17	300290002	Bp Smriti Pra V	98	76	1	1	Y	Y	N
18	300340003	Mahalaxmi Pra V	42	55	0	0	N	Y	Y
19	300060002	Bhabisy Nirman Pra V	16	12	0	0	N	Y	Y
20	300460008	Sitaladevi Pra V	6	12	0	0	N	Y	Y
21	300350009	Khanigau Pra V	29	10	0	0	Y	Y	N
22	300400005	Tripura Pra V	24	17	0	0	N	Y	Y
23	300190009	Manjusri pra V	77	165	0	0	N	Y	Y
24	300050010	Mahakali Ma V	102	116	2	2	Y	Y	N
25	300400002	Karkigan Uchha Ma V	159	39	1	1	N	Y	Y
26	300350007	Sundradevi Pra V	25	32	0	0	Y	Y	N
27	300320006	Chandeshwori Uchha Ma V	164	192	2	2	N	Y	Y
28	300420008	Sangkos Uchha Ma V	52	57	2	2	Y	Y	N
29	300440002	Thala Pra V	74	76	0	0	N	Y	Y
30	300070001	Nabodit Pra V	29	26	0	0	N	Y	Y
31	300320004	Deurali Pra V	15	13	0	0	Y	Y	N
32	300500005	Janajyoti Pra V	64	61	1	1	Y	Y	N
33	300180012	Shankha Devi Ma V	105	110	0	0	N	Y	Y
34	300060004	Sathar Pra V	90	103	1	1	Y	Y	N
35	300030004	Shivalaya Ni Ma V	115	105	0	0	Y	Y	N
36	300360004	Kalika Devi Pra V	17	19	0	0	N	Y	Y
37	300070009	Salbash Uchha Ma V	71	66	1	1	Y	Y	N
38	300020016	Bageswori Uchha Ma V	114	105	3	3	Y	Y	N
39	300350001	Mangala Devi Pra V	27	44	0	0	N	Y	Y
40	300400006	Netrawati Pra V	76	21	0	0	N	Y	Y
TOTAL								38	23

Priority List

Gulmi District

S.N.	VDC/ Ward No.	School Name	No. of Student		No. of Toilet Pans		Availability of Water Supply	Demand	
			Boys	Girls	Boys	Girls		Toilet	WS
1	Dalamchaur-4	Alam Deurali Pra V	66	59					
2	Dhurkot Nayagaun-7	Bal Chetana Pra V	38	39					
3	Sirsi-2	Khanyu Kharka Pra V	78	68					
4	Arkhale-6	Budha Ni Ma V	62	46					
5	Apchaur	Malika Vidya Mandir Pra V	148	27					
6	Tamghas-5	Siddhababa Uchha Ma V	174	172					
7	Dhurkot Nayagaun-3	Khal Pra V	45	54					
8	Thanpati-7	Rastriya Ma V	100	96					
9	Tamghas-6	Upallo Tamghas Ma V	120	121					
10	Dhurkot Nayagaun-4	Navajoyti Pra V	71	78					
11	Arkhale-9	Bhadgaun Ni Ma V	66	82					
12	Simichaur-6	Bhagwati Ma V	126	118					
13	Aslewa-2	Ram Ni Ma V	131	52					
14	Arkhale-5	Seugha Ni Ma V	101	77					
15	Wagla-1	Wagla Ma V	147	165					
16	Simichaur-8	Rangbas Ni Ma V	71	69					
17	Baletaksar-4	Gyawa Baletaksar Ma V	97	75					
18	Harmichaur-6	Harmichaur Pra V	57	55					
19	Simichaur-9	Janakalyan Pra V	45	49					
20	Apchaur-6	Ne Ra Ma V Indregaunda	104	102					
21	Wagla-7	Bhagwati Ma V	126	113					
22	Arkhale-8	Prithvi Pra V	41	51					
23	Simichaur-4	Maikasthan Pra V	41	53					
24	Arkhale-4	Saraswati Pra V	54	78					
25	Aslewa-3	Dwanga Pra V	53	35					
26	Dhurkot Rajasthal-5	Chatreswori Pra V	36	42					
27	Tamghas-9	Navajyoti Pra V	-28	172					
28	Tamghas-8	Srijana Pra V	44	46					
29	Thanpati-6	Amardip Pra V	21	52					
30	Tamghas-9	Arjun Pra V	21	22					
31	Balithum-6	Majhi Pra V	38	37					
32	Neta-2	Kalika Pra V	35	28					
33	Hawangdi-1	Hawangdi Chibhara Pra V	74	48					
34	Chhapahile-3	Jamal Pokhara Ni Ma V	63	228					
35	Badagaun-6	Dharampani Pra V	65	35					
36	Musikot-6	Ganga Pra V	41	35					
37	Dalamchaur-9	Darlam Chaur Pra V	85	110					
38	Wamitaksar-1	Laxmi Narayan Pra V	18	57					
39	Hastichaur-4	Janajyoti Pra V	52	139					
40	Darling-4	Chyan Dada Pra V	119	159					
							TOTAL	39	11

Priority List

Kaski District

S.N.	School Code No.	School Name	No. of Student		No. of Toilet Pans		Availability of Water Supply	Demand	
			Boys	Girls	Boys	Girls		Toilet	WS
1	400360002	Kamal Pra V	22	32			Y	Y	N
2	400240010	Gaurishanker Ma V	35	54			Y	Y	N
3	400250002	Himalaya Danphe Pra V	27	16			Y	Y	N
4	400040007	Bahadure Ma V	75	79			Y	Y	N
5	400370001	Janajagaran Pra V	12	13			Y	Y	N
6	400010002	Vijaya Ni Ma V	22	23			Y	Y	N
7	400190010	Pashupati Pra V	15	16			Y	Y	N
8	400300001	Jaldevi Pra V	29	23			Y	Y	N
9	400030003	Janmanndir Pra V	98	82			Y	Y	N
10	400320142	IR L Ma V	102	150			Y	Y	N
11	400320013	Krishna Ni Ma V	106	153			Y	Y	N
12	400110008	Hemjakot Pra V	34	29			Y	Y	N
13	400150008	Ambika Ma V	61	91			Y	Y	N
14	400100002	Laxmi Pra V	47	36			Y	Y	N
15	400380007	Pragatishil Ni Ma V	73	82			Y	Y	N
16	400100013	Sirjana Ma V	46	46			Y	Y	N
17	400390006	Saraswoti Pra V	32	23			Y	Y	N
18	400220012	Kalika Pra V	52	57			Y	Y	N
19	400230007	Siddha Pra V	68	144			Y	Y	N
20	400380001	Janajagriti Pra V	20	30			Y	Y	N
21	400360009	Shanti Rupa Pra V	26	32			N	Y	Y
22	400440007	Jateswor Ma V	92	108			N	Y	Y
23	400440009	Shivalaya Ma V	26	34			Y	Y	N
24	400230006	Tanchok Pra V	49	39			Y	Y	N
25	400080001	Birendra Pra V	50	72			Y	Y	N
26	400410001	Maimaidan Pra V	21	30			Y	Y	N
27	400440010	Chandi Pra V	67	66			Y	Y	N
28	400110003	Janakalyan Pra V	27	35			Y	Y	N
29	400360006	Rupajyoti Pra V	33	37			Y	Y	N
30	400090004	Deurali Pra V	25	27			Y	Y	N
31	400150001	Gaurishankar Pra V	50	59			Y	Y	N
32	400140008	Arunodaya Ni Ma V	99	102			Y	Y	N
33	400220018	Bir Pra V	71	71			N	Y	Y
34	400330005	Bhagawati Pra V	44	50			Y	Y	N
35	400230002	Himalaya Ma V	54	55			Y	Y	N
36	400380002	Salleri Pra V	21	32			N	Y	Y
37	400230003	Landruk Pra V	58	66			Y	Y	N
38	400220011	Navadurga Pra V	34	37			Y	Y	N
39	400110004	Balkalyan Pra V	22	22			Y	Y	N
40	400380006	Shitala Ni Ma V	87	81			Y	Y	N
TOTAL								40	4

Priority List

Lalitpur District

S.N.	School Code No.	School Name	No. of Student		No. of Toilet Pans		Availability of Water Supply	Demand	
			Boys	Girls	Boys	Girls		Toilet	WS
1	250270032	Mahendra Bhrikuti S.S.	271	303	3	2	Y	Y	N
2	250270009	Swotantra Siksha sadan P.S.	38	44	1		Y	Y	N
3	250200002	Setidevi P.S.	40	51	1		Y	Y	N
4	250070008	Adarsh saul yubak H.S.S.	143	154	2	2	Y	Y	N
5	250270090	Madan smarak S.S.	0	169		1	Y	Y	N
6	250300004	Lubhu Sa. S.S.	43	38	1	1	Y	Y	N
7	250270157	Yaswodhara bauddha S.S.	81	75	2		Y	Y	N
8	250300007	Mahalxmi S.S.	84	84	1	1	Y	Y	N
9	250270016	Shramajeet kishor S.S.	82	80	1	1	Y	Y	N
10	250010002	Navajyoti P.S.	32	29			N	Y	Y
11	250200006	Mahankal H.S.S.	80	80	4	2	Y	Y	N
12	250280002	Gochandeswori L.S.S.	42	38	1	1	Y	Y	N
13	250090003	Bajrabarahi S.S.	68	106	1	1	Y	Y	N
14	250290013	Saraswoti S.S.	185	179	1	1	Y	Y	N
15	250180001	Bishankhunarayan S.S.	87	77	1	1	Y	Y	N
16	250240003	Jana bikash S.S.	58	66	1	1	Y	Y	N
17	250300001	Biswamitra Ganesh P.S.	38	51	1	1	Y	Y	N
18	250270087	Prabhat H.S.S.	158	123	2	2	Y	Y	N
19	250090002	Banibilash S.S.	109	123	1	1	Y	Y	N
20	250270079	Patan S.S.	184	100	2	2	Y	Y	N
21	250050003	Krishna L.S.S.	35	41	1	1	Y	Y	N
22	250260002	Rudrayani S.S.	132	95	2	2	Y	Y	N
23	250090016	Udaykharka S.S.	124	138	1	1	Y	Y	N
24	250400005	Saraswoti H.S.S.	86	65	1	1	Y	Y	N
25	250100001	Bhagabati P.S.	15	31	1	1	Y	Y	N
26	250020001	Pathpradarshak L.S.S.	87	89	1	1	Y	Y	N
27	250280004	Shringeri L.S.S.	61	26	1	1	Y	Y	N
28	250270067	Shramik santi H.S.S.	271	285	2	2	Y	Y	N
29	250050008	Phulchoki P.S.	48	58	1	1	Y	Y	N
30	250270055	Tikabiddhyashram S.S.,	131	119	1	1	Y	Y	N
31	250300003	Gyanjyoti P.S.	3	12	1	1	Y	N	N
32	250040004	Kalidevi P.S.	22	24			N	Y	Y
33	250270063	Adarshkanya H.S.S.		339	2	1	Y	Y	N
34	250280009	Sisneri S.S.	28	26	1	1	Y	Y	N
35	250170007	Narayani S.S.	123	137	1		Y	Y	N
36	250290012	Suryamukhi P.S.	23	19	1	1	Y	N	N
37	250420002	Narayani P.S.	34	35	1	1	Y	Y	N
38	250230006	Gambhir Samundra Setu S.S.	177	189	1		Y	Y	N
39	250280008	Gyanjyoti L.S.S.	20	23	1	1	Y	N	N
40	250190002	Kitini H.S.S.	130	106	1	1	Y	Y	N
TOTAL								37	2

Priority List

Palpa District

S.N.	School Code No.	School Name	No. of Student		No. of Toilet Pans		Availability of Water Supply	Demand	
			Boys	Girls	Boys	Girls		Toilet	WS
1	470650006	Lali Gurash Pra Vi	59	83	1	1	Y	Y	N
2	470250002	Devasthan Pra Vi	42	53	1	1	Y	Y	N
3	470250005	Buddha Pra Vi	31	32	1	1	Y	Y	N
4	470410003	Bhagawati Pra Vi	65	84	1	1	Y	Y	N
5	470400003	Bhagawati Pra Vi	84	67	1	1	N	Y	Y
6	470400004	Lakshmi Ni Ma Vi	61	72	2	2	Y	Y	N
7	470660004	Araniko Ni Ma Vi	56	53	1	1	Y	Y	N
8	470660002	Bhagawati Pra Vi	69	72	0		Y	Y	N
9	470130008	Gorakhanath Pra Vi	87	79	1		Y	Y	N
10	470080010	Bal Binod NMV	44	47	1	1	Y	Y	N
11	470350003	Deviswori Pra Vi	33	48	1	1	N	Y	Y
12	470200009	Sishu Jyoti Pra Vi	48	51	0		Y	Y	N
13	470650008	Balhit Pra Vi	27	37	1		N	Y	Y
14	470560003	Puranthar Pra Vi	43	61	0		N	Y	Y
15	470290002	Krishna Gandaki Ma Vi	55	53	1	1	Y	Y	N
16	470220001	Maisthan Pra Vi	53	59	0		N	Y	Y
17	470290007	Majuwa Pra Vi	56	65	1	1	N	Y	Y
18	470310008	Ratna Ma Vi	92	95	2	1	N	Y	Y
19	470260004	Gramodaya Pra Vi	134	84	1		N	Y	Y
20	470260002	Srijana Pra Vi	83	76	0		N	Y	Y
21	470310003	Sarada Pra Vi	63	57	1		Y	Y	N
22	470520002	Mahendra Naresh PS	44	39	0		Y	Y	N
23	470030003	Dharadevi Ma Vi	43	43	1	1	Y	Y	N
24	470360001	Bikram Ni Ma Vi	81	101	1		Y	Y	N
25	470210003	Maidan Devi Pra Vi	50	55	1	1	Y	Y	N
26	470210004	Pipaldanda Pra Vi	54	49	1		N	Y	Y
27	470640007	Bhaskar Ni Ma Vi	57	61	1	1	Y	Y	N
28	470630002	Vayarsthan Pra Vi	54	51	1	1	N	Y	Y
29	470010004	Sindur Pra Vi	19	131	1		Y	Y	N
30	470460003	Jivan Jyoti Pra Vi	176	78	0		Y	Y	N
31	470240004	Raikot Pra Vi	59	135	1	1	Y	Y	N
32	470460004	Mityal Pra Vi	214	110	1	1	N	Y	Y
33	470380003	Himalaya Ni Ma Vi	105	51	1	1	Y	Y	N
34	470140006	Adarsha Ni Ma Vi	108	78	1	1	N	Y	Y
35	470590005	Akala Pra Vi	124	99	1	1	Y	Y	N
36	470530010	Adharbhut Ni Ma Vi	102	125	1		Y	Y	N
37	470340005	Pragati Pra Vi	100	91	1	1	Y	Y	N
38	470300003	Kamala Pra Vi Agridanda	156	75	1		Y	Y	N
39	470330007	Gaura Devi Ma Vi	81	35	2	1	Y	Y	N
40	470040003	Bal Kanya Pra Vi	40	33	1		N	Y	Y
TOTAL								40	14

Priority List

Rupandehi District

S.N.	VDC/ Ward No.	School Name	No. of Student		No. of Toilet Pans		Availability of Water Supply	Demand	
			Boys	Girls	Boys	Girls		Toilet	WS
1	Gangauliya-1	Bal Kalyan PS	100	107			N	Y	Y
2	Makrahar-6	Ganesh PS	84	96			N	Y	Y
3	Shankar Nagar-2	Shankar Nagar SS	139	186			N	Y	Y
4	Devdaha-6	Janata LSS Bangali	136	115			N	Y	Y
5	Hati Pharsatikar-6	Rohini PS	70	103	1	1	Y	Y	N
6	Basantapur-1	Basantapur PS	133	147	1	1	Y	Y	N
7	Chilhiya-5	Janajyoti PS	77	107	1	0	Y	Y	N
8	Bogadi-1	Krishak PS	85	77	1	1	Y	Y	N
9	Chipagadh-8	Nawajiwani PS	103	101	0	0	Y	Y	N
10	Pajarkatti-1	Saraswati PS	140	150	1	1	Y	Y	N
11	Suryapura-4	Krishak PS	125	98	1	1	Y	Y	N
12	Gonaha-7	Basauli PS	109	97	1	1	Y	Y	N
13	Bogadi-3	Bogadi PS	159	212	1	1	Y	Y	N
14	Raypur-7	Janakalyan PS	212	180	0	0	Y	Y	N
15	Thumwa Piprwa-6	Gyanjyoti PS	268	233	1	1	Y	Y	N
16	Sakraun Pakadi-8	Shiv Shakti PS	74	79	1	1	Y	Y	N
17	Chhotkiramnagar	Sagarmatha PS	98	98	0	0	Y	Y	N
18	Hati Pharsatikar-3	Srijana PS	91	97	1	1	Y	Y	N
19	Parroha-3	Pashchim Parroha LSS	193	164	2	2	Y	Y	N
20	Hati Bangai-1	Shiddhartha Bal Niketan PS	199	153	2	2	Y	Y	N
21	Siktahan-4	Siktahan LSS	309	270	2	2	Y	Y	N
22	Kha. Bangai-9	Shisai SS	404	290	2	2	Y	Y	N
23	Kerwani-4	Bhabishya Nirman SS	194	230	2	2	Y	Y	N
24	Bodhwar-2	Bodhwar LSS	227	172	1	1	Y	Y	N
25	Chipagadh-1	Chhipagadh SS	150	177			Y	Y	N
26	Chhotkiramnagar	Chhotki Ramnagar SS	203	209	2	2	Y	Y	N
27	Dhakdhai-8	Janachetana PS	156	170	1	1	Y	Y	N
28	Chipagadh-4	Janajagriti PS	63	67	0	0	Y	Y	N
29	Siktahan-9	Janata LSS	234	180	1	1	Y	Y	N
30	Kerwani-1	Khadga SS Durganagar	133	126	2	2	Y	Y	N
31	Kerwani-6	kotahi PS	110	109	1	1	Y	Y	N
32	Kerwani-2	Laxmi PS	105	102	1	1	Y	Y	N
33	Kerwani-7	Mahamaya Bhawani HSS	161	171	2	2	Y	Y	N
34	Kerwani-6	Mayadevi PS	39	36	1	1	Y	Y	N
35	Patkhauri-8	Omsatiya PS	137	120	1	1	Y	Y	N
36	Pajarkatti-5	Pajarkatti PS	281	227	0	0	Y	Y	N
37	Bodhwar-8	Pashupati PS	104	130			N	Y	Y
38	Patkhauri-2	Patkhauri PS	236	265	1	1	Y	Y	N
39	Kerwani-5	Phulbari PS Basantapur	52	56	2	1	Y	Y	N
40	Pokharvindi-	Pokharvindi SS	335	250	2	2	Y	Y	N

41	Siktahan-6	Pragati LSS	147	158	1	1	Y	Y	N	
42	Kerwani-2	Saraswati LSS Rajabari	142	137	4	4	Y	Y	N	
43	Siktahan-9	Shankar PS	137	179	0	0	Y	Y	N	
44	Kerwani-8	Shantipriya PS	112	100	1	1	Y	Y	N	
45	Pokharvindi-9	Sriram PS Mainihawa	98	94	0	0	Y	Y	N	
46	Kerwani-4	Suryodaya PS	76	60	1	0	Y	Y	N	
47	Bagaha-4	Bagaha PS	127	141	1	1	Y	Y	N	
48	Si. Na. Pa.-1	Belahiya LSS	148	133	3	3	Y	Y	N	
49	Si. Na. Pa.-11	Bhujauli P.S.	153	113	1	1	Y	Y	N	
50	Si. Na. Pa.-9	Bindabasini Misuju P.S.	68	137	1	1	Y	Y	N	
51	Chilhiya-6	Chilhiya SS	170	153	2	2	Y	Y	N	
52	Basantapur-9	Dasarath Janata PS	213	267	1	1	Y	Y	N	
53	Tikuligadh-4	Durga LSS	87	113	2	2	Y	Y	N	
54	Tikuligadh-5	Janajagriti PS	74	122	1	1	Y	Y	N	
55	Hati Pharsatkar-9	Janajagriti SS	279	285	1	1	Y	Y	N	
56	Tikuligadh-9	Janata LSS	177	194	2	2	Y	Y	N	
57	Hati Pharsatkar-2	Janata PS	170	179	0	0	Y	Y	N	
58	Chilhiya-3	Janata PS	126	157	1	1	Y	Y	N	
59	Padsari-1	Kotahi PS	157	144	1	1	Y	Y	N	
60	Si. Na. Pa.-2	Meudihawa P.S.	190	170	2	2	Y	Y	N	
61	Tikuligadh-8	Narbadeswor PS	63	76	1	1	Y	Y	N	
62	Si. Na. Pa.-4	Nawadurga LSS	85	119	1	1	Y	Y	N	
63	Padsari-6	Padsari PS	82	104	0	0	N	Y	Y	
64	Padsari-9	Ramjanaki PS	52	70	1	1	Y	Y	N	
65	Tikuligadh-4	Saraswati PS	135	143	1	1	Y	Y	N	
66	Si. Na. Pa.-10	Surya Deva P.S.	171	180	1	1	Y	Y	N	
67	Bu. Na. Pa. -9	Dip PS	62	86	1	1	Y	Y	N	
68	Devdaha-	Gyanjyoti PS Taterachanpi	116	116	2	2	Y	Y	N	
69	Bu. Na. Pa. -5	Janajyoti PS	79	71	1	1	Y	Y	N	
70	Devdaha-9	Janakalyan PS	29	31	1	1	Y	Y	N	
71	Devdaha-3	Kalika PS Sarantadi	46	27	1	1	Y	Y	N	
72	Bu. Na. Pa. -6	Laxmi LSS	76	119	2	2	Y	Y	N	
73	Bu. Na. Pa. -13	Nawin Audyogik LSS	279	283	2	2	Y	Y	N	
74	Bu. Na. Pa. -13	Pragati PS	130	135			N	Y	Y	
75	Devdaha-	Prajapati Gautami PS	43	48	1	0	Y	Y	N	
76	Devdaha-7	Sandip PS Buddhanagar	59	62	1	1	Y	Y	N	
77	Bu. Na. Pa. -14	Saraswati PS	99	117			N	Y	Y	
78	Devdaha-3	Saraswati PS Keuli	107	69	1	1	Y	Y	N	
79	Devdaha-9	Sita LSS	226	259	1	1	Y	Y	N	
80	Bu. Na. Pa. -8	Tilottama LSS	162	199			N	Y	Y	
								TOTAL	80	9

Priority List

Surkhet District

S.N.	School Code No.	School Name	No. of Student		No. of Toilet Pans		Availability of Water Supply	Demand	
			Boys	Girls	Boys	Girls		Toilet	WS
1	590120004	Janapriya Pra V	102	146	1	1	Y	Y	N
2	590040008	Pra V Simalkhet	22	42	1	1	Y	Y	N
3	590400001	Kalika Pra V	23	42			N	Y	Y
4	590240009	Pashupati Pra V	72	78	1	1	Y	Y	N
5	590360009	Jana Pra V Betada	38	34			N	Y	Y
6	590310010	Janajyoti Pra V	47	41	1	1	N	Y	Y
7	590120002	Krihna Pra. Vi. Simle	33	33	1		Y	Y	N
8	590290042	Nava Jeevan Pra Vi	36	44			N	Y	Y
9	590140002	Sidda Ma V	65	56	1	2	Y	Y	N
10	590370002	Bal Pra V	26	20	1		N	Y	Y
11	590490001	Laxmi Pra V	35	30	1	1	Y	Y	N
12	590490004	Pra V Patalghurichaur	31	44	1		N	Y	Y
13	590340010	Janagyanbhandar Ma Vi	81	99	2	1	Y	Y	N
14	590270001	Jana Jyoti Ma V	160	152	1	1	Y	Y	N
15	590020009	Vidhyajyoti Ma V	145	117			Y	Y	N
16	590290002	Janasewa Pra Ma V	119	90	1	1	Y	Y	N
17	590450008	Nara.ni ma vi. Kuinepani	122	133		1	Y	Y	N
18	590200004	Jeevanjyoti Ma Vi	113	75		1	Y	Y	N
19	590480005	Annand Ma Vi	150	187	1	1	Y	Y	N
20	590290009	Kopila Ma Vi	155	125	1	1	Y	Y	N
21	590290011	Kangrebihar Pra V	80	83	1	1	Y	Y	N
22	590290003	Gangamala Ni Ma V	106	95	1	1	Y	Y	N
23	590360004	Janaprakash Pra V	84	68	1	1	N	Y	Y
24	590360008	Pra V Sigredsaha	67	69	2		N	Y	Y
25	590260009	Himalaya Ma V	53	43		1	Y	Y	N
26	590260004	Janakalyan Pra V	55	77			N	Y	Y
27	590450004	Sarasoti ni ma V	78	75		1	Y	Y	N
28	590450012	Kalika Pra V	46	53			Y	Y	N
29	590450002	Chndrajyoti Ni Ma V	97	84	1	1	Y	Y	N
30	590450003	ne ra Pra V	50	46			Y	Y	N
31	590450009	Ne Ra Pra Vi Pokharabhanjyang	165	173			Y	Y	N
32	590420005	ni ma V Paregau	45	45			Y	Y	N
33	590220010	Kalika Na Ma V	90	91	1	1	Y	Y	N
34	590220003	Ma V Karaikhola	122	128	1	1	Y	Y	N
35	590220007	Shiva Ma V	114	100	1	1	Y	Y	N
36	590220005	Pra V Jamundada	88	81	1	1	N	Y	Y
37	590220008	Ni Ma V Nalkhola	56	37	1	1	Y	Y	N
38	590220002	Pra V Ratadanda	40	65	1	1	Y	Y	N
39	590220001	Saraswoti Pra V	28	20	1	1	Y	N	N
40	590150005	Adarsa Ma V	57	66			Y	Y	N
TOTAL								39	10

6 References

Document	Publisher	Original/ Copy	Publication
Statistics			
Nepal District Profile 2006	NIDI	Soft File	2006/1
Population Census 2001, National Report	CBS	Soft File	2002/3
Population Monograph of Nepal (2003)	CBS	Original	2003
Nepal in Educational Figures 2005	MOES	Soft File	2005/5
School Level Educational Statistics of Nepal, Consolidated Report 2005	DOE	Original	2006/6
School Level Educational Statistics of Nepal: Flash Report I 2004	DOE	Original	2004/11
School Level Educational Statistics of Nepal 2003	DOE	Original	2003/8
School Level Educational Statistics of Nepal 2002	DOE	Original	2002
VDC Profile 2006	NIDI	Soft File	2002
Educational Program			
10th Plan, Chapter 23, Education and Sports	DOE	Soft File	
Annual Strategic Implementation Plan (ASIP) 2007-2008	Budget & Program Section, DOE	Soft File	2007
Concept Paper on School Sector Reform Programme, School Sector Approach	MOES	Soft File	2007/2 (2006/10/18)
School Sector Reform, Core Document: Policies and Strategies (Draft)	MOES	Soft File	2007/7/9
Feasibility Study Report for the Support for Improvement of Primary School Management (Draft)	JICA	Soft File	2007/5
Feasibility Study Report for the Support for Improvement of Primary School Management Phase II (Draft)	JICA	Soft File	2007/8
Ministry of Education and Sports, A Glimpse 2007	MOES	Soft File	2007
Education Act 1971			
Education for All 2004-2009 Core Document	MOES	Soft File	2003/11/17
Education for All, National Plan of Action (2001-2015)	UNESCO/MOES	Soft File	2003
Education for All, Secondary Education Support Program & Community School Support Program, Status Report 2006	Monitoring Section, DOE	Original	2006
Education for All, Secondary Education Support Program Status Report 2005	DOE	Original	2005
Flash I Report (2006-07)	DOE	Original	2006/12
Flash I Report (2005)	DOE	Original	2005/12
Flash I Report (2004)	DOE	Soft File	2004/11
Flash II Report (2005-06)	DOE	Original	2006/10
Flash II Report (2004-05)	DOE	Soft File	2005/12
Teacher Education (2007)	NCED	Original	2007
Construction			
Community-Based Disaster Management Project, Project Document	UNDP	Soft File	2005/11/16
Disaster Risk Reduction at the National Level in Nepal, Project Document	UNDP	Soft File	2005/11/16
Official Material Price in Nepal (Kathmandu Valley) 2006-07		Copy	
Letter of Understanding signed between the Government of Nepal and Save the Children Norway (SCN) for School Physical Improvement	PSS, DOE	Copy	
Nepal Building Code 2008,		Copy	
List of Standard Designs of Primary Schools in Nepal	PSS, DOE	Copy	
Standard Design Drawings of Primary Schools in Nepal	PSS, DOE	Copy	
UNICEF-Nepal Primary School Improvement Project Drawings	UNICEF	Copy	