

## School Infrastructure Survey 2006:

### Identification Details

| Questionnaire Identification |  | Surveyor Identification |  |
|------------------------------|--|-------------------------|--|
| Name of School               |  | Date of interview       |  |
| School Code                  |  | Surveyor name           |  |
| Village                      |  | Date checked            |  |
| Respondent Identification    |  |                         |  |
| Telephone no                 |  | Contact name            |  |
| Email address                |  | Job title               |  |

### Introduction

We are conducting a nationwide survey of school infrastructure on behalf of the Ministry of Education and we are here today to ask you some questions about your school's infrastructure, facilities and equipment. The survey is split into two components, with the first dealing with basic information about the school, and the second component involving completing school building inspection reports.

The questions in the survey take one of two forms. Some questions will require quantitative data and clear definitions are provided for what is required. Other questions are subjective and the enumerator, who is a trained engineer, will select the best answer from a choice of possible responses to each of these questions. Section 1 should be completed by the School Principal and Sections 2 to 11 by the enumerator with help as required from the principal.

The purpose of the survey is to 1) obtain an overall picture of the current state of school infrastructure and equipment in Tonga and 2) to build up a profile of each school as part of the process of developing minimum services standards for schools. Once the survey is complete and results aggregated you will be able to compare the current status of your school against the average for similar schools in Tonga and ascertain any areas where your school may not be meeting the minimum service standard for schools in Tonga.

It should be pointed out that the undertaking of this survey is in itself not an indication that the Ministry of Education will be undertaking a construction program. Your co-operation is greatly appreciated and I thank you for taking the time to answer the questions.

Would you like to receive a copy of the final profile of your school?      Yes       No

### Surveyor Comments Regarding this Interview

|  |
|--|
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |

**1. Basic School Data**

**1.1 What year was the school established?** Year

**1.2 Does the school have boarding accommodation? (circle yes or no)**      **yes**      **no**

**Number of boys boarding:** .....

**Number of girls boarding:** .....

**1.3 Does the school have a Parent/Teacher Association? (circle yes or no)**      **yes**      **no**

**If yes, state the number of times the PTA meet last year**

**1.4 Do the students pay fees? (circle yes or no)**      **yes**      **no**

**If yes, how much are the fees per student per year?**

**1.5 How much money did the school receive for maintenance of school facilities in 2005?**

**Cash 2005**

|                    |                      |
|--------------------|----------------------|
| <b>PTA</b>         | <input type="text"/> |
| <b>Ex Students</b> | <input type="text"/> |
| <b>Other</b>       | <input type="text"/> |

**Please specify other:**.....

**1.6 How much money did the school receive for other uses in 2005?**

**Cash 2005**

|                    |                      |
|--------------------|----------------------|
| <b>PTA</b>         | <input type="text"/> |
| <b>Ex Students</b> | <input type="text"/> |
| <b>Other</b>       | <input type="text"/> |

**Please specify other:**.....

**2: Site and Land**

2.1 Please state the land ownership (circle number below)

1. Crown land

2. Noble's Estate

3. Private

2.2 Are there any play grounds or sports fields?

Yes  No

If yes, please describe: .....

.....

2.3 Are there any vegetable gardens?

Yes  No

2.4 Is the school fenced?

Yes  No

2.5 If no, is a fence required?

Yes  No

2.6 What is the travel time to the nearest supply of building materials?

hrs

2.7 What is the means of transport for building materials? (circle number below)

1. Road

2. Boat

2.8 What is the cost of materials transport?

\$  /kg

2.9 What services are available on the site?

|             | Is this service reliable? |                          |
|-------------|---------------------------|--------------------------|
|             | Yes                       | No                       |
| Town power  | <input type="checkbox"/>  | <input type="checkbox"/> |
| Generator   | <input type="checkbox"/>  | <input type="checkbox"/> |
| Solar power | <input type="checkbox"/>  | <input type="checkbox"/> |
| Telephone   | <input type="checkbox"/>  | <input type="checkbox"/> |

2.10 Has the school got a reliable radio that can receive school broadcast programs?

Yes  No

**3. Water Supply & Sanitation**

**3.1 Where does the school get most of its water?** *(circle number below)*

1. Rainwater tanks      2. Stream      3. Well      4. Town supply

If tanks, state number and total capacity      Number       litres

**3.2 Is there a reliable working pump?**      Yes       No

If yes, state type: .....

**3.3 Is there a reliable water supply all year?**      Yes       No

If no, when do shortages occur? *(tick boxes below)*

|                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Jan                      | Feb                      | Mar                      | Apr                      | May                      | Jun                      | Jul                      | Aug                      | Sep                      | Oct                      | Nov                      | Dec                      |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**3.4 What type of toilets does the school have?** *(circle number below)*

1. Flush toilets      2. VIP latrines      3. Pit latrines      4. Other

**3.5 How many toilets are in working order?**

|          | Male                 | Female               |
|----------|----------------------|----------------------|
| Students | <input type="text"/> | <input type="text"/> |
| Teachers | <input type="text"/> | <input type="text"/> |

**3.6 Are girls toilets located away from boys' toilets?**      Yes       No

**3.7 Are there functioning washing facilities?**

|           | Yes                      | No                       |
|-----------|--------------------------|--------------------------|
| For boys  | <input type="checkbox"/> | <input type="checkbox"/> |
| For girls | <input type="checkbox"/> | <input type="checkbox"/> |

**3.8 Has the school been closed in the last 12 months due to sanitation problems?**      Yes       No

If yes, please describe: .....

**4. School facilities** *(to be completed by school principal and surveyor)*

4.1 Please indicate the number of existing classrooms

4.2 Does the school require additional classrooms?

Yes  No

If yes, how many .....

4.3 Does the school require additional classrooms for Form 1 & 2?

Yes  No

If yes, how many .....

4.4 Please indicate the number of other facilities:

|   |   |   |
|---|---|---|
| Administration rooms <input style="width: 60px; height: 24px;" type="text"/><br>Science laboratories <input style="width: 60px; height: 24px;" type="text"/><br>Dining room <input style="width: 60px; height: 24px;" type="text"/><br>Gym <input style="width: 60px; height: 24px;" type="text"/><br>Medical clinic <input style="width: 60px; height: 24px;" type="text"/><br>Boarding accommodation:<br>Computer lab <input style="width: 60px; height: 24px;" type="text"/> | Staffrooms <input style="width: 60px; height: 24px;" type="text"/><br>Prep rooms <input style="width: 60px; height: 24px;" type="text"/><br>Kitchen <input style="width: 60px; height: 24px;" type="text"/><br>Hall <input style="width: 60px; height: 24px;" type="text"/><br>Industrial arts <input style="width: 60px; height: 24px;" type="text"/><br>For boys <input style="width: 60px; height: 24px;" type="text"/><br>Other <input style="width: 60px; height: 24px;" type="text"/> | Library <input style="width: 60px; height: 24px;" type="text"/><br>Workshops <input style="width: 60px; height: 24px;" type="text"/><br>Staff houses <input style="width: 60px; height: 24px;" type="text"/><br>Church <input style="width: 60px; height: 24px;" type="text"/><br>Home economics <input style="width: 60px; height: 24px;" type="text"/><br>Girls <input style="width: 60px; height: 24px;" type="text"/> |
|---|---|---|

4.5 Does the school require additional facilities?

Yes  No

If yes, what facilities .....

**Section 2: Inspection Reports**

School code

**1. Sketch plan** *(to be prepared by surveyor)*

**1.1 Please draw a sketch plan of the school site showing all buildings, services, roads, paths, drains, large trees, beaches, adjoining buildings, and any other notable features (show north point).**

**2. Site information**

2.1 Please indicate the size of the site

Square metres

2.2 Is the site size adequate?

Yes  No

2.3 Please describe the site? *(circle number below)*

1. Flat                      2. Gently sloping                      3. Steeply sloping                      4. Undulating

2.4 Please describe the condition of the site? *(circle number below)*

1. Dry                      2. Muddy                      3. Danger of flooding

2.5 Is there any danger of earth slips, landslides, etc?

Yes  No

If yes, please describe .....

2.6 Are there any large or dangerous trees?

Yes  No

2.7 Are there any power cables crossing the site?

Yes  No

Please comment on any other factors affecting the site .....

.....

3. Site Works *(to be completed by surveyor)*

| Element                   | Construction & quality | Defects/ work required | Estimated cost |
|---------------------------|------------------------|------------------------|----------------|
| Access roads              |                        |                        |                |
| Paths & steps             |                        |                        |                |
| Retaining walls           |                        |                        |                |
| Water reticulation        |                        |                        |                |
| Electrical reticulation   |                        |                        |                |
| Storm drains              |                        |                        |                |
| Soil & waste installation |                        |                        |                |
| Septic tanks & soak-ways  |                        |                        |                |
| Well                      |                        |                        |                |
| Pump                      |                        |                        |                |
| Water tank                |                        |                        |                |
| Perimeter fence and gate  |                        |                        |                |

0 = not applicable, 1 = good, 2 = average, 3 = poor, 4 = requires demolition,

**Any further comments on this site .....**

.....



**4: Buildings: External Structure and Finishes**

School code

| <b>BUILDING NAME OR NUMBER</b><br><i>(as shown on site drawing)</i> |                               | <i>(ie administration building or classroom building 1)</i> |                       |
|---|-------------------------------|---|-----------------------|
| <b>Basic construction type</b>                                      |                               |   |                       |
| <b>Element</b>  | <b>Material &amp; quality</b> | <b>Defects/ work required</b>                               | <b>Estimated cost</b> |
| Roof finish   |                               |   |                       |
| Roof structure  |                               |   |                       |
| Fascias, eaves & verge boards                                       |                               |   |                       |
| Paint: fascias, eaves, etc.   |                               |   |                       |
| Gutters & flashings   |                               |   |                       |
| Foundations   |                               |   |                       |
| Walls   |                               |   |                       |
| Wall columns & beams  |                               |   |                       |
| Paint: walls & external ceilings                                    |                               |   |                       |
| Windows & fittings  |                               |   |                       |
| Doors & fittings  |                               |   |                       |
| Paint: Doors & windows  |                               |   |                       |
| Veranda floor   |                               |   |                       |
| Veranda columns & beams   |                               |   |                       |
| Veranda ceilings  |                               |   |                       |
| Foundations   |                               |   |                       |
| External paving   |                               |   |                       |
| Storm drains  |                               |   |                       |
| Water installation  |                               |   |                       |
| Soil & waste installation   |                               |   |                       |
| Electrical installation   |                               |   |                       |
| Other   |                               |   |                       |

0 = not applicable, 1 = good, 2 = average, 3 = poor, 4 = requires demolition,

**Any further comments on the exterior**

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**5. Buildings: Internal Structure and Finishes** *(to be completed by surveyor)*

School code

| <b>BUILDING NAME OR NUMBER</b><br><i>(as shown on site drawing)</i> |                               | <i>(ie administration or classroom building 1)</i> |                       |
|---|-------------------------------|--|-----------------------|
| <b>Area of building</b> <i>(external dimensions)</i>                |                               | <i>X x Y metres = .....square metres</i>           |                       |
| <b>Number of rooms</b>  |                               | <i>(ie 4 classrooms 7 x 8 metres internally)</i>   |                       |
| <b>Element</b>  | <b>Material &amp; quality</b> | <b>Defects/ work required</b>                      | <b>Estimated cost</b> |
| Ceiling   |                               |  |                       |
| Walls   |                               |  |                       |
| Wall tiles  |                               |  |                       |
| Wall columns & beams  |                               |  |                       |
| Paint: walls & ceilings   |                               |  |                       |
| Internal doors  |                               |  |                       |
| Paint: Doors, windows & fittings                                    |                               |  |                       |
| Floor   |                               |  |                       |
| Floor tiles   |                               |  |                       |
| Chalk boards  |                               |  |                       |
| Sinks & sanitary fittings   |                               |  |                       |
| WCs   |                               |  |                       |
| Water installation  |                               |  |                       |
| Soil & waste installation   |                               |  |                       |
| Science labs  |                               |  |                       |
| workshop  |                               |  |                       |
| Home economics  |                               |  |                       |
| Information technology  |                               |  |                       |
| Shelves & cupboards   |                               |  |                       |
| Teacher's desk & chair<br><i>(no and type)</i>                      |                               |  |                       |
| Students' desks and chairs<br><i>(no and type)</i>                  |                               |  |                       |
| Electrical installation   |                               |  |                       |
| Other   |                               |  |                       |

**0 = not applicable, 1 = good, 2 = average, 3 = poor, 4 = requires demolition,**

**Any further comments on the interior** .....

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