WHE-PAGER PROJECT: BUILDING CONSTRUCTION VULNERABILITY AND INVENTORY

| This form is divided into 3 part | This | form | is | divided | into | 3 | parts: |
|----------------------------------|------|------|----|---------|------|---|--------|
|----------------------------------|------|------|----|---------|------|---|--------|

Part I: Contributors' Information

Part II: Summary of Construction Types, Vulnerability and Population
Part III: Colleagues Consulted, Additional Sources of Information Used

PART I: Contributors' Information

1. Country or Region (if you are only responding for part of a country, please indicate which geographic region. Note: the WHE strongly prefers national estimates, unless you have data that clearly apply to only one region):

United Kingdom

2. Name(s) of Contributors

Robin Spence

3. Affiliation (Organization)

Cambridge University Department of Architecture

4. Mailing address (include city and country)

6, Chaucer Road, Cambridge CB2 2EB

5. E-mail

rspence@carltd.com

6. Your self-rating of expertise or confidence: On a scale of 1=low and 5=high, please estimate your level of expertise:

٦,

Part II: Summary of Construction Types, Vulnerability and Population

| | Construction Material | | Probability of subjected to t | | 6) of building ty d shaking inter | ype when | Fraction of population LIVES in the building to | n who this | Fraction population WORKS building | on who in this | Peak average # of occupants per building |
|----|------------------------------|---|-------------------------------|------------------------|--------------------------------------|-------------------|---|---------------|---|-------------------|--|
| | (choose from drop-down list) | Construction Subtype (Choose from drop-down listrefer to instructions to see complete list) | IX (~0.65-1.24g) | VIII (~0.34- 0.65g) | VII (~0.18-0.34g) | (~0.092- .18g) | urban | rural | urban | rural | |
| -1 | | | | | | | | | | | |
| 2 | | | | | | | | | | | |
| 3 | | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 8 | | | | | | | | | | | |
| 9 | | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | | | | | | | | | | | |
| 13 | | | | | | | | | | | |
| 14 | | | | | | | | | | | |
| 15 | | | | | | | | | | | |
| 16 | | | | | | | | | | | |
| 17 | | | | | | | | | | | |
| 18 | | | | | | | | | | | |
| 19 | | | | | | | | | | | |
| 20 | | | | | | | | | | | |

| Masonry | Unreinforced brick masonry in mud mortar | 15% | 4% | 0.6% | 0 | 35% | 50% | 48% | 50% | 1-6 per dwelling |
|---|---|--------------|----------|------|-----|----------|-----|-----|-----|---------------------|
| Masonry | Unreinforced brick masonry in cement mortar with reinforced concrete floor/roof slabs | 6% | 1% | 0.1% | 0 | | 50% | 20% | 35% | 1-6 per dwelling |
| Structural concrete | Concrete moment resisting frames designed for gravity loads only | 11% | 2% | 0.2% | 0 | 2% | | 21% | | 50-200 per bldg |
| Steel | Steel moment resisting frame with brick masonry partitions | 1.5% | 0.2% | | 0 0 | 0 | | 12% | 5% | 50-200 per bldg |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | _ | <u> </u> | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Part III: Coll | eagues Consulted, Additional Sources of Information Used | | | | | | | | | |
| Name | | _ | | | | | | | | |
| Affiliation | | | | | | | | | | |
| Mailing address | | | | | | | | | | |
| e-mail | | | | | | | | | | |
| Name | | _ | | | | | | | | |
| Affiliation | | | | | | | | | | |
| Mailing address | | | | | | | | | | |
| | | | | | | | | | | |
| e-maii | | | | | | | | | | |
| e-mail Name | | _ | | | | | | | | |
| Name Affiliation | | _ | | | | | | | | |
| Name Affiliation Mailing | | | | | | | | | | |
| | | | | | | | | | | |
| Name Affiliation Mailing address e-mail | oformation you used (websites publications etc.) Please provide as mu | ch detail a | s possih | nie | | | | | | |
| Name Affiliation Mailing address e-mail | nformation you used (websites, publications, etc.) Please provide as mu | ch detail a | s possik | ole. | 7 | | | | | |
| Name Affiliation Mailing address e-mail | nformation you used (websites, publications, etc.) Please provide as mu | ch detail as | s possik | ole. | | | | | | |
| Name Affiliation Mailing address e-mail | nformation you used (websites, publications, etc.) Please provide as mu | ch detail as | s possik | ole. | | | | | | |
| Name Affiliation Mailing address e-mail | nformation you used (websites, publications, etc.) Please provide as mu | ch detail as | s possik | ole. | | | | | | |
| Name Affiliation Mailing address e-mail | nformation you used (websites, publications, etc.) Please provide as mu | ch detail a: | s possik | ole. | | | | | | |
| Name Affiliation Mailing address e-mail | | ch detail a | s possik | ole. | | | | | | |
| Name Affiliation Mailing address e-mail Sources of i | | ch detail a: | s possik | ole. | | | | | | |
| Name Affiliation Mailing address e-mail Sources of i | | ch detail a | s possib | ole. | | | | | | |
| Name Affiliation Mailing address e-mail Sources of i | | ch detail a | s possib | ole. | | | | | | |
| Name Affiliation Mailing address e-mail | | ch detail a | s possik | ole. | | | | | | |