



## Structural Engineer

- **Vacancy for:** 1
- **Posted on:** March 14, 2018
- **Deadline:** April 13, 2018, midnight

- Master's level on structural engineering or earthquake engineering preferred
- Some experience with heritage structures would be an asset

14 March 2018

## Vacancy Announcement (Open to Nepalese nationals only)

UNESCO Kathmandu Office is working closely with Nepal's Department of Archaeology (DoA) for the recovery and rehabilitation of earthquake-damaged monuments and historical buildings. In this context, UNESCO is looking for a structural engineer to engage in the design of repair and retrofit solutions for monuments and historical buildings in Nepal. The selected engineer will be trained on the methodology for damage assessment and the design of retrofit proposals based on Finite Element (FE) analysis.

**Position Title** : Structural Engineer  
**Condition of Employment** : Full-time based in UNESCO Kathmandu Office  
**Type of Contract** : Consultant Contract  
**Contract duration** : Six months with initial 2 months' probation period  
(Extendable depending upon performance and availability of funds)

### Duties and Responsibilities:

The incumbent shall work under the overall authority of the Head of the UNESCO Office in Kathmandu and UNESCO Representative to Nepal, and direct supervision of Responsible Officer, Culture Unit.

In particular, s/he shall:

- Develop damage assessment of heritage structures
- Develop finite element modelling to do structural analysis on existing structures;
- Use FE to test possible retrofit solutions for historical buildings
- Production of formal structural reports
- Capable of meeting deadlines and work under pressure
- Design of every single element belonging to an intervention proposal (Based on Indian standards, British standards or Eurocodes)
- Coordinate with other experts and advisors from UNESCO and DoA on planning, design and restoration of monuments

### Benefits:

- Full guidance under the supervision of another structural engineer to execute the required tasks for the position
- Flexible schedule
- Challenging job
- Salary based on qualifications

### Qualifications and Experience Required:

Candidates must possess the following minimum qualifications:

- Knowledge on material mechanics
- Ability to familiarize with international standards
- Some experience with heritage structures would be an asset
- Be able to understand and discuss practical approaches to deal with historical buildings and monuments
- High willingness to learn
- Analytical thinking and problem-solving mind-set
- Punctual
- Communicative person, flexible and team oriented personality
- Master's level on structural engineering or earthquake engineering preferred

**Women and members of minority groups are strongly encouraged to apply.**

Interested candidates are requested to send their CV and a cover letter accompanied by a recent passport size photograph and copies of diplomas indicating the 'Position Title' to the following email address NOT LATER THAN 13 April 2018:

**Email:** [ca.campos@unesco.org](mailto:ca.campos@unesco.org)

Only short-listed candidates will be invited for a test and/or interview.

The organization reserves the right to cancel or postpone the whole recruitment process without providing any reasons whatsoever.

## Applying Procedure

Send your CV and a cover letter accompanied by a recent passport size photograph and copies of diploma indicating the "**Position Title**" to [ca.campos@unesco.org](mailto:ca.campos@unesco.org)

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