



TURQUOISE MOUNTAIN

EXPRESSIONS OF INTEREST INVITED FOR DELIVERING HANDS ON BUILDING LINES TRAINING IN YANGON, MYANMAR

Introduction

Turquoise Mountain is a non-profit, non-governmental organization specializing in urban regeneration, business development, and education in traditional arts and architecture. Turquoise Mountain has been successfully completing projects in Afghanistan since 2006, and has now set up in Yangon, Myanmar and is partnering with the local Yangon Heritage Trust.

The initial focus of Turquoise Mountain in Yangon is on historic urban regeneration and the promotion and training of traditional building skills. Turquoise Mountain is undertaking to support the Yangon Heritage Trust in their aim to promote and protect Yangon's built heritage as part of a comprehensive urban planning process. This includes survey work, promotion of ideas, and the planned repair and conservation of a building in the Downtown which will act as an exemplar project carried out to high standards, providing a model for further heritage led regeneration.

The Project



The above photo shows a typical, yet prominent and high quality, building located in the historic Downtown of Yangon built at the start of the 20th Century. In partnership with the Yangon Heritage Trust and the Prince's Foundation for Building Communities, Turquoise Mountain will repair and conserve the building around the existing tenants, to secure its future and the life in and around it. Physically this will involve repairing the building envelope, upgrading building services, undertaking structural repairs, and securing internal historic elements. As part of the works Turquoise Mountain plan to deliver a programme of practical training for local craftspeople - both those working on the building and from the wider building community.

www.turquoisemountain.org

www.turquoisemountainarts.org

Registered Office: Broich, Crieff, Scotland PH7 3RX Telephone +44 (0) 1764 650888

TURQUOISE MOUNTAIN TRUST IS REGISTERED IN SCOTLAND AS A CHARITY NO. SC037343 AND AS A COMPANY NO. SC299579

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Building Limes Training



The building contains existing examples of external lime renders including decorative elements, lime mortars, internal lime plasters, decorative internal lime elements, and lime based paints, all of which will require repair in places. Remarkably, many of these original features are preserved extremely well despite the lack of functioning rainwater goods and a very leaky roof – so where elements are badly damaged there is clear evidence of how to repair them. No analysis of the renders, plasters or mortars has been carried out to date, but it is likely that externally they have some kind of hydraulic set and internally they are pure lime based.

The plan is to commence building works in March 2015, starting with the re-roofing works, with the façade repair works following on. The aspiration is to carry out hands on lime training for a wider local audience focused on existing craftspeople (masons, plasterer, decorators) but also include architects, engineers and construction supervisors – this would be the body of the formal training and 5 working days would be set aside for this. This would be based on site at the project and carried out in less ‘critical areas’ or in mocked up situations where things can be ‘undone’. Subsequent to this there would be a similar period of time spent with the contractor employed specifically on the building to oversee actual works and further upskill on site craftspeople.

Current Situation

Currently there is little knowledge relating to the use of building limes in Yangon amongst most building contractors, however there are a few that have some experience in very recent historic building projects. Lime putty (non-matured but finely processed) is readily available due to its use in ‘betel nut’ which many people chew as a mild stimulant. Quicklime is also available as the raw pre-slaked ingredient for the lime putty. Hydraulic lime is less widely available, hence the potential need for pozzolan additives for external renders. There are skilled crafts people (mostly plasterers) with an aptitude and willingness to learn about building limes.

The Requirement

Location: Yangon, Myanmar

Duration: 2 full weeks in country with 10 working days of training

Client: Turquoise Mountain

Timing: May / June 2015

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Personal specification: A practicing craftsperson with a relevant trade, who has extensive experience using lime based building products and can deliver training on the topics defined below. Experience of working internationally across language barriers and interpreting local practices is desirable.

Training topics:

- basic on site analysis of lime renders, plasters, mortars and washes
- mixing lime products using lime putty, quicklime, hydraulic lime, pozzolans,
- application of lime renders
- repairing decorative external lime elements
- application of lime plasters
- repairing / recreating internal decorative elements including in situ running of cornices
- application of lime washes

Format: 5 days hands on workshop covering the above topics aimed at local craftspeople (masons, plasterers, decorators etc.) with some architects, engineers and construction supervisors in attendance. Following on 5 days of working alongside and supervising a smaller group of craftsman on site.

Travel, accommodations, subsistence and remuneration: All travel, accommodation and subsistence allowance provided. Remuneration in line with experience and current rates in country of residence.

It is noted that the proposed scope of this training is ambitious given the audience, environment and timeframe. This will be open to discussion and refinement with the selected delivery partner and it may be concluded that the content requires a smaller audience, longer timeframe or splitting into a number of separate training sessions delivered by different people.

Contact

Please submit expressions of interest covering the following:-

- work history
- brief outline of relevant experience (against the 6 training topics above)
- teaching / training experience
- availability

Please submit no later than Friday 13th March 2015 to:-

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