

High Commission of India
Pretoria

NOTICE INVITING BIDS

The High Commission of India, Pretoria invites bids/quotes for evaluation of structural assessment of a property owned by this Mission which was damaged in a fire incident. The property address is:

**1145 Justice Mahomed Street,
Brooklyn,
Pretoria**

2. The scope of work is as follows:

- a. Site Visit: to include inputs on
 - Scale of damage.
 - Advise on safety of building and recommend protection measures
- b. Desktop Study: to include inputs on collecting relevant information like original design of building, construction materials used, cause of fire, duration of fire, fire spread and contents left unburnt.
- c. Detailed Assessment: to include inputs on
 - Total damage - scrap
 - Major damages and replacement of structural members
 - Repairable damages by detailed collection of evidence through (i) residual strength and stiffness of material after fire exposure (NDT); (ii) temperature attained in structure; (iii) fire development (burnt combustible material and correlation with physical evidence); (iv) correlation of results.
- d. Check of Mechanical Properties by
 - Non-destructive Testing (by Schmit Hammer Test or Ultra Sonic Pulse Velocity test)
 - Destructive tests (Concrete Core Test and Fracture Test of steel)
- e. Design Calculation for repairs to include Load calculations of extra weight of repair materials, temporary support load and reduced material factors.
- f. Repair methodology to be recommended based on assessment of structural analysis and correlation of results example Demolish and reconstruct or Sprayed Concrete or Resin Repair or Over loading or FRP strengthening change of use etc.

3. Reputed engineering companies with good references (to be enclosed with the bids) and having work experience with Embassies , Govt. offices, etc. are invited to apply for the tender.

4. The house can be inspected between 10:00 AM to 13:00 PM has on 17th November.

5. **Due date for submission of bids/quotes**

The quotation in sealed envelope addressed to Head of Chancery, High Commission of India, Pretoria should be delivered by hand at the Reception of the High Commission of India or could be sent at PO Box 40216, Arcadia 0007, Pretoria latest by 07 December, 2017.

Dated : 15.11.2017