

Document S-IV: Scope of Work

**No. Trin/872/12/2016/8
High Commission of India
Port of Spain**

**TENDER FOR SELECTING CONTRACTOR
FOR
*Embassy Residence Renovation Project***

Section-IV

1. Scope of Work

Scope of work given below is tentative. The bidder is advised to inspect the site and understand the full scope of work.

Scope of Work:

S.No.	Element	Description
1	SUBSTRUCTURES	<ol style="list-style-type: none">Site preparation: Take out roof, ceilings, windows and doors, hack up tiles, isolate services and gut the entire building; demolish redundant walls and cart away arising from the site.Foundations: Reinforced concrete pads; reinforced concrete strip footings and ground beams; hollow concrete block base walls with cores reinforced and filled with concrete; imported sand filling beneath areas of new floor slabs.Slab on grade: Reinforced concrete slab on polythene sheet damp proof membrane on sand blinded hard-core; anti termite treatment to cut faces of excavation; jointing new to existing.
2	SUPER STRUCTURES	<ol style="list-style-type: none">Frame: Reinforced concrete columns and beams; mild steel girder framing.Upper floors: In-situ concrete suspended slabs on proprietary CFD deck pan; reinforced in-situ concrete slabs.Staircase & Balustrading: Provision for hardwood balustrading internally and moulded concrete balusters in reinforced concrete rails to external patios.

		<p>4. Roofing: Generally 'Bermuda' profiled corrugated steel sheeting on proprietary aluminium foil insulation on galvanised steel purlins on mild steel framing; light weight screed and felt water proofing to flat roof deck slab; seamless aluminium rainwater gutters and PVC down pipes.</p> <p>5. External & internal walls: Generally hollow concrete block walls in cement mortar; reinforced concrete ring beams and lintels; proprietary laminated plywood partitions and accessories to bathrooms.</p> <p>6. Windows & Doors: Generally aluminium casement windows; solid panel doors in aluminium frames internally and externally; sliding aluminium framed glass patio doors; louvered panel doors in aluminium frames to service rooms; up and over garage door set.</p>
3	ENGINEERING SERVICES	<p>1. Plumbing installations: Hot and cold water plumbing supplies to each bathroom; PVC soil vent and waste pipework from each appliance; sanitary appliances as indicated; pressure testing installations and connecting to existing mains already at site.</p> <p>2. Electrical installations: Provision for new mains, main panel and final circuits to lighting and small power outlets; standby generator; security system and lighting fixtures.</p> <p>3. Air conditioning installations: Provision for air-conditioning system for entire house.</p>
4	FITTINGS & FIXTURES	<p>1. Provision for vanities in bathrooms; bathroom accessories; kitchen cabinets and counter tops; linen closets; bedroom closets and shelving in study and laundry.</p>
5	FLOOR, WALL & CEILING FINISHES	<p>1. Floor finishes: Generally cement and sand screed with a porcelain tile finish throughout; hardwood skirting.</p>

		<ol style="list-style-type: none"> 2. Wall finishes: Generally cement and sand render both sides of all masonry surfaces; ceramic tiling to walls in bathrooms. 3. Ceiling finishes: Generally gypsum sheeting to galvanised mild steel concealed framing; ornamental cornice mouldings. 4. Painting & decorating: Exposed masonry surfaces decorated three coats emulsion paint; exposed wood or metal surfaces decorated three coats oil paint. Existing masonry surfaces decorated two coats emulsion paint; existing retained wood and metal surfaces decorated two coats oil paint.
6	EXTERNAL WORKS & SERVICES	<ol style="list-style-type: none"> 1. Upgrading fencing and new vehicular entry and exit gates. 2. Soft landscaping 3. Planter boxes filled with topsoil 4. Driveway and paving 5. Ramps and rails 6. Surface water drainage 7. Pool deck tiling and refurbishment of pool. 8. Ancillary buildings - security booth 9. Garbage disposal cubicle 10. Flag poles 11. Plinths for water tanks
7	SCOPE ADDITIONS	<ol style="list-style-type: none"> 1. Supply of ornaments 2. Termite treatment 3. Day work contingency

8	PRELIMINARIES	1. Allowance for setting up and maintaining site facilities; insurances during the course of executing the work; and scaffolding
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