

Name of Work : Repairing & Renovation of Gujarat Bhavan Oshiwara Building Campus at Oshiwara Mumbai (Filling, Paving & Miscellaneous Work)

ITEM WISE SPECIFICATIONS

Item No: 1 Filling in foundation and plinth with brick Bats Chhara in layers of 20cm. thickness including watering, remming and consolidating etc. complete.

The relevant specification shall be followed as per General Technical specification for Building work booklet It.No. 4.0.0.5. P.No.36.

Mode of measurements:

The rate shall be for a unit of **one square meter**.

Item No: 2 Providing and laying cement concrete 1:4:8 (1- Cement : 4- coarse sand : 8-hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth

The relevant specification shall be followed as per General Technical specification for Building work booklet It.No. 5.3.3.(A) P.No.38.

Mode of measurements:

The rate shall be for a unit of **Cum.**

Item No: 3 Providing and fixing pre-cast Rubber Dye inter locking concrete block 60mm thick with grade of concrete M300 pneumatic compressed/Vibrated mechanically and as per approved design conforming to IS 15658: 2006 including 35 mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidelines of IRC : SP 63-2018 etc complete.

The relevant specification shall be followed as per General Technical specification, Annexure - AH.

Mode of measurements:

The rate shall be for a unit of **one square meter**.

Item No: 4 Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg. Cm² in C.M. 1:5 precast RCC cover 455mm x 610mm internal dimensions with frame (R.C.C. top slab with 1:2:4 mix (1- cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete (i) Inside dimensions 455mmx 610mm and 450mm deep for single pipe line.

The relevant specification shall be followed as per General Technical specification for Building work booklet It.No. 24.44(i) P.No.183

Mode of measurements:

The rate shall be for a unit of **one Number**.

Item No: 5 Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg. Cm² in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg.) (R.C.C. top slab with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(i) Inside dimensions 500mmx 700mm and 450mm deep for single pipe line.

The relevant specification shall be followed as per General Technical specification for Building work booklet It.No. 24.44(ii) P.No.184

Mode of measurements:

The rate shall be for a unit of **one Number**.

Item No: 6 Providing and applying exterior decorative textured paint with waterproofing system on external walls at all heights, including thorough surface preparation, cleaning, removal of loose material, algae/fungus treatment, crack filling up to 4 mm width, minor repairs, scaffolding, and all incidental works, complete as per manufacturer's specifications and directions of Engineer-in-Charge, comprising: 1 coat Alkali Resistant Exterior Primer, 1 coat Plain Texture (Dholpur finish or equivalent), 1 coat Bubble Press Texture, 1 coat Elastomeric Waterproofing Primer (No Damp or equivalent) having minimum 500% elongation capacity and crack-bridging up to 4 mm, and 2 coats elastomeric exterior decorative paint with stretch & sheen finish (Mica Marble or equivalent). complete. application of textures & paints must be as per company's standard instructions. Texture and colour selection as per approved by engineer in charge including primer. INCLUDING ALL NECESSARY M.S FABRICATION, scaffolding,all hardwares, and anchor fastners, AND complete the work satisfactorily as per instruction of architect or Engineer-in charge.

Providing and applying exterior decorative textured paint with integrated waterproofing system on external wall surfaces at all heights, including complete surface preparation and finishing work, as per approved design, manufacturer's specifications, and directions of the Engineer-in-Charge, comprising the following operations:

- Thorough cleaning of surface by wire brushing, scraping, air/water jet cleaning, removal of dust, loose particles, laitance, algae, fungus, oil, grease, and all foreign materials.
- Treatment of algae/fungus affected areas with approved fungicidal solution.
- Filling of cracks up to 4 mm width with suitable polymer modified crack filler/repair mortar.
- Carrying out minor surface repairs, undulation corrections, and preparation of surface to receive texture and paint.
- Providing and applying one coat of approved Alkali Resistant Exterior Primer of required shade and make.
- Providing and applying one coat of Plain Texture finish (Dholpur finish or approved equivalent texture).
- Providing and applying one coat of Bubble Press Texture finish in approved pattern and texture.
- Providing and applying one coat of elastomeric waterproofing primer (No Damp or approved equivalent) having minimum 500% elongation capacity and crack bridging ability up to 4 mm.

- Providing and applying two or more coats of elastomeric exterior decorative paint with stretch and sheen finish (Mica Marble or approved equivalent) to achieve uniform shade, texture, waterproofing performance, and complete coverage.

The work shall include:

- All labour, materials, tools, tackles, machinery, mixing, curing, transportation, loading/unloading, and application equipment.
- Necessary scaffolding/staging at all heights.
- All required M.S. fabrication works, supports, platforms, hardware fittings, anchor fasteners, safety arrangements, and allied accessories necessary for proper execution of work.
- Protection of adjoining surfaces and cleaning of site after completion.
- Texture pattern and colour shade shall be selected and approved by the Engineer-in-Charge/Architect prior to execution.
- Entire application system shall be executed strictly as per manufacturer's standard specifications and instructions.
- The finished surface shall be uniform, crack-free, weather-resistant, waterproof, durable, and completed in all respects to the satisfaction of the Architect/Engineer-in-Charge.

Mode of measurements:

Measurement shall be made on finished surface area in square metres and rate shall include all materials, labour, scaffolding, accessories, wastage, overlaps, and incidental charges complete.

The rate shall be for a unit of **one square meter**.

Signature of Contractor

**Deputy Executive Engineer
Valsad (R&B) Sub-Division
Valsad**

**Executive Engineer
Valsad (R&B) Division
Valsad**