

PREAMBLES AND PRICING NOTES

GENERAL SPECIFICATION

The works under this contract shall be carried out in accordance with Ministry of Works General Specification 1976 Edition.

MANUFACTURER'S NAME and references are given as a guide to quality. Alternative manufacture of equal quality will be accepted at the discretion of the Architect.

EXCAVATION

Prices are to include for excavating in all materials met with except Rock as specified. Prices are also to include for planking and strutting, and for destroying all white ants' nests and keeping excavations free from water.

Insecticide Treatment

Treating surface of hardcore with approved insecticide shall include execution by any reputable supplier/manufacturer who shall give a ten year guarantee to the Employer.

CONCRETE WORK

Test Cubes

Allowance must be included in the tender for the preparation of concrete test cubes as required by the Engineer.

Precast Concrete Works

Prices are to include for handling reinforcement, and for bedding in cement mortar.

WALLING

Concrete Blocks

All concrete walling blocks are to be in metric sizes and to the specified quantities.

Wall reinforcement shall be hoop iron, one layer per 90mm thickness, and placed in the bed joint of alternate courses.

Samples

Prices are to include for packing and sending sample blocks to the approved Testing Laboratory.

PREAMBLES AND PRICING NOTES (CONT'D)

ROOFING

All roof materials shall be as specified in the Bills of Quantities, and laid in accordance with the manufacturer's instructions.

CARPENTRY AND JOINERY

Cypress

The grading rules for cypress shall be the same as those for podocarpus.

Laminated Plastic Sheeting

Shall be fixed with an approved waterproof adhesive.

Prices of Joinery

Shall include for pencil rounded arises; for protection against damage and for bedding frames and cills in cement mortar.

Plugged shall mean drilling walling or concrete with a drill and filling with proprietary plugs of the correct size

IRONMONGERY

Shall be as specified in the Bills of Quantities, or equal and approved.

Prices must include for removing and refixing during and after painting, for labelling all keys, and for fixing with matching screws.

METALWORK

Generally

All steelwork shall be cleaned free from rust and primed one coat or red lead primer before being delivered to the site.

Prices for Metal Windows

To include for assembling parts, bedding and pointing in mastic, building in fixing lugs, and plugging as necessary.

PREAMBLES AND PRICING NOTES (CONT'D)

PLASTERWORK AND OTHER FINISHES

Generally

All plaster work and paving to be as described in the Specification and in the Bills of Quantities.

Pavings

Prices are to include for brushing concrete clean, wetting and coating with cement and sand grout (1:1).

GLAZING

Polished Plate Glass

Shall be general Glazing Quality.

Prime Rebates

Prices are to include for priming rebates before placing putty.

Broken or Scratched Glass

The contractor will be responsible at his own cost, for replacing any broken or scratched glass and handing over in perfect condition.

PAINTING

Generally

Note that the General Contractor is to provide scaffolding for all trades including painting.

Paint Category

Painting shall be applied in accordance with the manufacturer's instructions and to the required coats.

Prices

Prices are to include for all preparatory work, priming coats and for protecting other works and for cleaning up on completion. Prices for painting on galvanized metal are to include for mordant solution as necessary.

PREAMBLES AND PRICING NOTES (CONT'D)

PLUMBING AND ENGINEERING INSTALLATION INCLUDING SOLAR PANELS

Generally

All work shall be executed by an approved specialist and the General Contractor shall first obtain written approval from the Architect before engaging the specialist.

Description

The sizes given are the internal diameter. The words 'pipe' and 'tube' are synonymous.

Prices of Sanitary Fittings

To include for assembling and jointing parts, plugging as necessary, and all joints to services and wastes or soil pipes.

ROADS AND CAR PARKS

All work must be supervised by an experienced Road Engineer or Foreman.

LANDSCAPING

GARDENS

The area to be planted has already had the preliminary works, e.g. masonry walling, earth filling and grading done by the Main Contractor. This is some places will need to be excavated to remove the underlying stone filling and raking as necessary.

MAINTENANCE

The trees, grass and flowers will have to be watered and maintained until well established. The contractor is advised to include all this in his rates.

GRASS PLANTING IN THE WORKS

Grass planting over rock or compacted fill material

Where grass is to be established in areas where decomposed or solid rock or other fill material exists closer to the finished surface than 200mm, the following grass planting procedure will apply.

The rock will be removed to a depth of 200mm below the finished surface. The rock will then be ripped or otherwise broken up to a further depth of 150mm and lightly compacted; 200mm of

selected red soil will then be spread over the surface. The whole shall then be lightly rotated to obtain a homogenous mixture to a depth of 150mm. Prior to planting, the soil shall be raked and 50 gm. each per square metre of bone meal and hoof and horn meal shall be spread on the surface.

Planting of either Bradely grass, maadi River grass, Cape Royal grass or Kikuyu grass as required shall take place during a period of heavy rain, or, if this is not possible, with the approval of the Architect, after thorough soaking by prolong irrigation.

The grass shall be in cuttings of approximately 200mm long and shall be planted at 150mm intervals, 150mm buried in the soil. Planting shall be carried out with the aid of a wooden peg and the soil well rammed around the cuttings.

The grass shall be systematically watered, cut and weeded to maintain it in a healthy state throughout the maintenance period.

The rate for grass planting over rock shall include for the ripping of the rock, provision of grass and all subsequent materials, tools etc.

TREES AND PALMS PLANTING

The pits shall be 0.9 metre diameter x 0.9 metre deep. The sides shall be undercut and the soil mixture shall be as follows:

4 parts approved red soil

1-part sewage sludge

These shall be thoroughly mixed together on the mixing ground and specifically set aside for the purpose. The mixture shall be filled into the pits in 300mm layers, firming with hard earth rammers at each layer. The surface is to be shaped into a bowl-depression 200mm deep to assist in watering.

The tree plants are to be at least 0.9 metre high when brought to the works for planting.

In the two days before planting takes place, each pit is to be thoroughly soaked with 100 litres of water. The trees or palms shall be planted and sticked in an approved manner, well watered and maintained throughout the maintenance period.

The rates for tree planting shall include for provision of plants and materials described in this Clause.

PLANTING SHRUBS

Pits for shrubs shall be 750mm diameter x 750mm deep. They shall be excavated, refilled, planted, maintained and paid for in identical manner to trees and palms. All the shrubs are grouped together and the tenderer is to give a uniform rate that covers the cost of any of the shrubs.

PREAMBLES AND PRICING NOTES (CONT'D)

HERBACEOUS BORDER, PLANT BOXES AND SIMILAR AREAS

Plant boxes, herbaceous borders and similar areas shall be excavated, refilled, planted, maintained and paid for in an identical manner to trees and palms, excepting that four parts of forest soil shall be used in place of red soil and 50 gm each per square metre of bonemeal and hoof and horn meal shall be spread on the surface of the soil mixture before planting.

BOUGAINVILLEA HEDGES AND TABLES

Bougainvillea hedges and tables formed on fencing and fencing tables shall be planted between 100mm diameter cedar fence posts in a pit 0.75 metre deep and 0.75 metre diameter filled as described above.

For tables, one plant is to be planted every 10 square metres as directed by the Architect.

Bougainvillea hedges plants are to be planted at 2.0 metres intervals. The cedar posts are 600mm high and placed at 2.0 metres centres with barbed wire staked at the top.

The bougainvillea plants are to be attached to the fence wires and strained into a hedge or table in the course of the maintenance period to the approval of the Architect. The plant pits are to be excavated, refilled, planted, maintained and paid for in accordance with the requirements laid down for shrubs.

The rates for bougainvillea plants and hedges are tables shall also include for all the materials and operations described in this Clause. Fench for bougainvillea hedges are measured lineally and fence tables are measured superficially over the area formed by the outermost wires of the table.
