NEW ELEVETOR TANK Specification item

Construction of a container tank of total height _____cm through the supply and installation of disposable formwork in regenerated polypropylene, type NEW ELEVETOR TANK by Geoplast S. p. A..Suitable for the rapid creation, dry, of a self-supporting formwork bottom above which a minimum class C20/25 concrete casting will be carried out, with consequent flush filling of the formwork and formation of a flat slab on the extrados of thickness ____cm, reinforced with bars for reinforced concrete or electrowelded mesh diameter ___mm step ___ x ___cm. Fiber-reinforced concrete with or without steel reinforcement is permitted. The extrados of the slab shall be levelled and pulled out or stayed

The NEW ELEVETOR TANK system will consist of basic grids 58x58cm consisting of 4 arms, PVC pipes of varying height and diameter 125 mm, formworks with low dome height 15 cm, dimensions in plan 58 x 58 cm, equipped with 4 or more reference planes for the casting and the correct positioning of the electrowelded mesh, to avoid any depressions in the proximity of the support feet.
The reciprocally connected modules will be able to receive the concrete casting and form pillars with square matrix spacing in the two directions of pitch 58 x 58 cm. The resulting void will be used for filling, elevation rise, passage of systems in general and/or ventilation of the cavity.

The NEW ELEVETOR TANK elements must meet the following requirements:

1. Compressive strength of 9,000 daN, obtained with a cylindrical pressure pad (diameter 250mm), on the New Elevetor system 72.5cm high, including 5cm concrete hood.
2. To be produced by Company certified according to ISO 9001 standard.

The price includes:

a) Supply and paving of lean concrete with thickness as planned
b) At the discretion of the L. D., before installing the containment tank, holes and/or traces may be formed for the passage of ducts and piping of sanitary, electrical, telephone and other hydrothermal systems.
c) The flooring will be ventilated by the formation of holes with a diameter of 80/120 mm, on the perimeter masonry at a rate of approximately one every 3.50/4.00 m, complete with any PVC connection piping and the external stainless steel grilles equipped with insect-proof plastic mesh. For good ventilation, the ventilation holes should preferably be located at a higher elevation south of the building (hottest side) than in the north (coldest side). If there are portions of under-floor cavity inside foundation beams, this must be connected with the external or perimeter portions.
d) Supply and installation of the NEW ELEVETOR TANK® system, consisting of regenerated propylene disposable formwork, PVC pipes 125 mm diameter, modular hookable feet and side listel.
e) Supply and installation of the partitioning reinforcement (welded wire mesh) required to withstand the operating stresses and any additional reinforcement of the pillars.
f) Filling casting of the overlying concrete hood with strength, consistency and thickness class as per the design project, with or without the use of pumps.
g) Casting vibration.
h) All charges, including those for provisional works, offcuts, cuts and any other charges necessary to ensure that the work is properly performed.

The perimeter formwork is excluded.