



## Summit Reliance Group, Inc.

*Pioneering a Sustainable Future*

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### **COSTS AND DELIVERABLES INCLUDED IN STRUCTCRETE™ ESTIMATES**

Summit's **StructCrete™ Project Cost Estimates** are based on the:

- design of and structural performance requirements for the buildings/structures,
- total number of buildings/structures to be constructed,
- local costs for required construction materials, equipment and labor, and
- construction schedule,

and include:

**A. Summit's costs for the following services and deliverables to optimize the StructCrete™ Panel casting and building erection time/cost:**

- design/engineering of the building panelized structural skeleton and individual StructCrete™ Panels using Summit's proprietary StructCrete™ analyses and data bases,
- specifying the required construction materials (i.e., concrete mix, rebar, steel wire mesh fabric),
- preparing the associated Bill of Materials,
- preparing the Panel casting shop drawings,
- preparing the Panel casting and stacking plans (e.g., schedules and sequences),
- preparing a recommended casting yard layout
- preparing the Panel erection plan (advisory),
- preparing the Panel casting/installation Quality Assurance/Quality Control requirements,
- fabricating the customized StructCrete™ Molds required for the Project,
- delivering the Molds to the Project site,
- training and qualifying the Construction Contractor personnel to cast the StructCrete™ Panels and employ them to erect the structural skeletons of the buildings or other structures, and
- providing technical assistance and monitoring regarding set-up of the casting yard and the Panel production and building erection processes (as required).

*PLUS*

**B. The Construction Contractor's costs for the following construction materials, equipment and labor required to cast the StructCrete™ Panels and erect the building structural skeleton:**

- 5,000 psi concrete (M35),
- rebar [ASTM A-615, Grade 60 fy=60ksi],
- steel wire mesh [ASTM A-185, 60 ksi; typically 6x6 W1.4/1.4 or 152x152 MW34.9/34.9 (Metric)],
- consumable specialty accessories (e.g., casting hole-formers for the Panel attachment bolts, Panel attachment bolts, rebar chairs, swift-lift anchors, and other as required)
- truck-mounted telescoping cranes (20T to 50T) or tower cranes w/ crew, as required, and
- labor – daily rate [mainly unskilled and semi-skilled]

Diversified Finishes can be easily applied to the StructCrete™ Panels during the casting process.

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#### **WORLD HEADQUARTERS**

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