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US and Foreign Patents
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Typical General Contractors Proposed Scope of Work

Rev (4.0) 6-30-11

General Scope of work:

- This is a generic out line of the General Contractors Scope of Work to install a CELL BLOCKS foundation. Circumstance may vary. All contractors, especially those who have never installed the product before, shall contact CELL BLOCKS INC to review the installation process.
- **POST TENSIONING BARS MUST NOT BE CUT AFTER INSTALLED AND NO HEAT SHALL BE APPLIED AT ANY TIME.**

Coordination:

- Contractor shall coordinate with CELL BLOCKS INC. for delivery date & time.
- Contractor shall give CELL BLOCKS INC. a minimum of five business days advance notice of desired delivery date.
- Contractor shall assume responsibility for coordination with customer's project manager for delivery of pole, shelter and or equipment.
- Contractor to coordinate and supply crane including 4 each matched slings at least 10' in length. Typically each CELL BLOCK weighs 15,000 lbs.
- **CELL BLOCKS foundation system is delivered on 40' flatbed trucks. It is contractor's responsibility to confirm truck access, and if necessary coordinate and contract for machinery if blocks must be "double handled".**
- Crane to be on site, setup ready to off load CELL BLOCKS at 7 A.M., unless there is a mutually agreed change to start time.
- CELL BLOCKS INC. reserves the right to charge contractor truck demurrage for time that exceeds one hour after designated delivery time. Crane shall be set up and ready to unload at 7 A.M.
- Contractor shall arrange for special inspector to observe tensioning of thread bar.

Tooling:

- Contractor shall have on site electrical service, capable of supplying a 110 v 20-amp circuit.
- CELL BLOCKS INC shall supply all necessary specialized tooling to post tension the bars.

Technology Transfer and Installation

- CELL BLOCKS INC shall be on site on day of installation and provide technical guidance in the assembly and tensioning of the foundation.
- **Contractor is responsible for the resources to install and tension the CELL BLOCKS units.**
- **Contractor to have a minimum of 3 individuals dedicated to the installation of the CELL BLOCKS foundation.**
- Contractor shall have a minimum of three employees on site at 7 A.M. to perform the labor necessary to unload, set and tension the foundation.

Typical
General Contractors Proposed Scope of Work (cont'd)
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Materials supplied by Contractor:

- Moist structural back fill bedding to cover foundation area plus at least 1 foot in each direction approximately 1 inch deep. Minimum thickness shall be 1/2 inch.
- The best finishing level material is "Concrete Sand". This material is typically used by the Landscape/Paving industry as a base for Architectural Paving Stones and is typically available from Landscaping yard supply companies.
- If "Concrete Sand" is not available use a crushed material approximately 1/4 minus with fines.
- **Do not use material with round stones or rock.**
- Straight screed boards 2' longer than foundation shall be secured in place to screed the final level surface. They shall remain in place until CELL BLOCKS are set.

Site preparation:

Note: Listed below is CELL BLOCKS typical site preparation specification.

- Contractor to prepare subgrade per soils engineer's recommendations.
- Contractor to prepare site grade to plan specifications plus or minus a 10th of a foot.
- Contractor to place a screed board on each side of foundation.
- Screed boards to be located a minimum of twelve inches beyond the foundation perimeter on each side to allow working room during installation. Keep screed boards in place until CELL BLOCKS are set
- Screeds to be located to allow a minimum of 1/2 inch section of structural fill above "sub grade". See materials supplied by contractor. This is done for proper preparation of the area for which the blocks are set.
- The structural fill shall be level within a tolerance of 1/4 inch in 10 feet.
- Contractor is responsible for proper preparation of the surface and grading to allow water to flow away from the CELL BLOCKS foundation.
- **Proper drainage away from the site is one of the most critical aspects of the site preparation.**