



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

June 6, 2005

SUBJECT: FAU Route 2556
Project M-8003(362)
Section 00-00070-00-FP (Schaumburg)
Cook County
Contract No. 83799
Item 036A
June 17, 2005 Letting

TO PROSPECTIVE BIDDERS:

In accordance with your request, we have sent you plans and/or a proposal for the subject improvement.

To clarify information it is necessary to revise the following:

1. PROPOSAL – PLEASE REMOVE SPECIAL PROVISION “PAVER FIELDS” ON PAGES 30 AND 31 AND REPLACE WITH THE ATTACHED SPECIAL PROVISION “PAVER FIELDS” ON REVISED PAGES 30 AND 31.

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal. Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Since the proposal sheets are printed back to back, bidders are cautioned to exercise care when inserting revised and/or added special provisions into their proposals.

Please call 217-782-7806 if any of the above-described material is not included in this transmittal.

Very truly yours,

Michael L. Hine
Engineer of Design
and Environment

A handwritten signature in cursive script, reading "Ted B. Walschleger" followed by a small "P.E." to the right.

By: Ted B. Walschleger, P. E.
Engineer of Project Management

PAVER FIELDS

CONCRETE UNDERLAYMENT

Description: This item consists of placing Portland Cement Concrete as a base for brick pavers. Thickness of the Portland Cement Concrete and of the Aggregate Base Course, Type B are shown on the plan details. At locations where the plans indicate concrete bands, the Contractor shall extend the limits of the concrete underlayments to include the proposed concrete bands. The top of the concrete bands shall be set at the finished grade of the paver field, adjacent walk, or landscape bed. The top part of the concrete bands shall be finished similar to concrete sidewalks.

This work shall be constructed in accordance with Sections 351 and 423 of the Standard Specifications for concrete underlayment which shall include grading and surface preparation, aggregate base, Portland Cement Concrete, tie bars, dowels, reinforcement, and joint material as required. The cost of concrete bands shall consist of the cost of the concrete underlayment for the area adjacent to the concrete underlayment. The cost of the concrete underlayment and the upper portion adjacent to the paver field shall be paid for at the Contract Unit Price per square foot for PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH.

PAVER FIELDS

General: The Contractor shall provide all labor and materials necessary to install a sand bedding system, edge restraint with spikes, paver bricks as indicated on the drawings and application of joint sand stabilizer. The Contractor shall submit product literature and specifications along with a sample of the paver brick product and edging to be used to the Engineer for approval prior to the installation of any material.

Material: The paving bricks shall be UNILOCK, of the type, size and color shown on the paver detail, approved equal. The paving bricks shall be of the nominal sizes, shapes, and colors shown on the plans. A sample of the bricks to be used shall be submitted to the Engineer for approval of the size, shape, and color. The pavers shall meet the requirements set forth in ASTM C-936, "Specification of interlocking concrete paving units". Minimum average compressive strength shall be 8,500 p.s.i.; minimum average absorption rates shall be 5%; and the maximum average weight loss after 50 freeze/thaw cycles shall be 1%. The aggregate base course shall conform to Article 351 of the Standard Specifications. The edge restraint shall be sufficient to provide a smooth and firm edging which will hold the pavers firmly in place. The edging to be used shall be submitted by the Contractor to the Engineer for approval. The materials and installation of the sand bedding system shall be approved by the Engineer. The joint sand shall consist of a natural or manufactured sand conforming to ASTM C-33 for fine aggregates. Sand must be free from clay, organic matter, and other deleterious material. Mason sand will not be permitted. The joint sand stabilizer shall be SB-1370, Surebond Safebond Ecology Sealer & Joint Sand Stabilizer.

Installation: The paver bricks shall be installed after the P.C.C. sidewalk has been installed and the forms removed. The Contractor shall then remove the formwork and grade and compact the subgrade to the satisfaction of the Engineer. The aggregate base course shall be installed to the width as shown on the plans and then compacted.

30. Revised 6/6/05

Once the base course has been installed and compacted the Contractor shall place the concrete underlayment. When approval is given by the Engineer, the Contractor shall install the edge restraint as shown on the plans and according to the manufacturers' specifications. The Contractor shall then place the sand bedding system on the concrete underlayment. The paving bricks shall be installed according to the pattern shown on the plans. Once installed, the pavers shall be compacted with a plate compactor outfitted with a rubber pad. After the first pass spread a thin, uniform layer of joint sand over the top of the pavers and compact pavers again. Sweep additional sand into joints until they are full to within 1/16" from the bevel edge of paver or the joint surface. All excess sand shall be removed from the paver surface.

After all excess sand has been removed from the paver surface, the joint sand stabilizer shall be liberally and evenly applied as to coat the pavers and joints by using a low pressure regulated sprayer not to exceed 25 pounds per square inch. The joint sand stabilizer shall be applied at a coverage rate of approximately 120 SF per gallon. The excess material shall be simultaneously drawn off the surface with a soft squeegee to ensure that all joints are adequately coated and that no surplus material is left on the surface. The application of the joint sand stabilizer shall be organized in such a manner so that the operation is carried out in each area before the stabilizer has a chance to dry by doing suitable increments at a time. The work shall be undertaken when the weather is appropriate and shall cease when inclement weather, including rain or strong winds, will affect the stabilizing operation. Joint sand stabilizer shall not be applied if temperatures will fall below 45° Fahrenheit during the application or curing time of the stabilizer. If the pavement has become saturated with water, work shall not commence until the joint sand has dried out sufficiently to allow for proper penetration of the stabilizer. In extremely dry, hot conditions, when midday temperatures rise above 90° Fahrenheit, it may be necessary to adjust the application methods to retard drying and facilitate the proper spreading of the stabilizer. If these circumstances apply, consult with the Engineer before proceeding with stabilization operation. All areas treated with sand joint stabilizer shall be protected from rain or moisture until stabilizer is dry and should not be trafficked for a minimum of 24 hours after completion of the stabilization operation.

Method of Measurement: Paver Fields will be measured for payment in square feet of paver fields in place.

Basis of Payment: This work shall be paid for at the Contract Unit Price per square foot for PAVER FIELDS, which price shall include all materials, labor, and equipment necessary to complete the work as described. Aggregate base course, sand bedding, edging, and joint sand stabilizer shall be included in the Unit Price for PAVER FIELDS.