

RFP #6253
BIDDING AND CONTRACT DOCUMENTS

WASHTENAW COUNTY, MICHIGAN

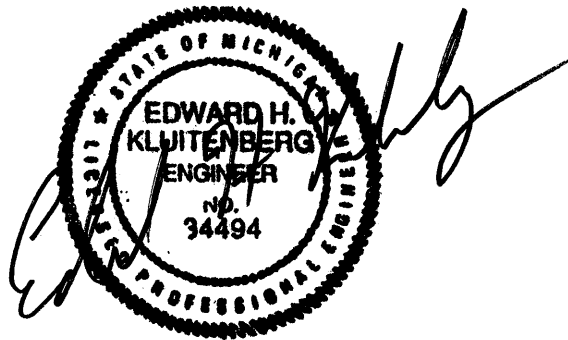
Malletts Creek Regional Detention Basin Improvements in Brown Park

ADDENDUM NO. 3

ISSUE DATE: February 2, 2006

Bidders on the Malletts Creek Regional Detention Basin Improvements in Brown Park are hereby notified that this Addendum shall be attached to and made a part of the above named Bidding and Contract Documents dated December 2005.

The following items add to, modify, and clarify the Bidding and Contract Documents and shall have the full force and effect of the original Documents. Bids shall conform with those items and the cost change, if any, of these items shall be included in this Bid Price. This Addendum shall be acknowledged by the Bidder on Page 1 of the Bid Form, Page 00300-1.



IN THE SPECIFICATIONS

Section 01014, Construction Sequence

1. Page 01014-2, Paragraph 1.04 A, delete this paragraph and replace it with the following:

“A. Within 30 days following the receipt of the Notice to Proceed and prior to start of construction, the Contractor shall submit for approval a proposed sequence of construction for the entire project in accordance with the requirements of Section 01300. The sequence must include a narrative description of the overall project sequence plus drawings as needed to describe each stage of construction. Each stage of construction must be adequately depicted to describe hydraulic conditions within the project area during that stage.”
2. Page 01014-2, Paragraph 1.04 B, delete this sentence and replace it with the following:

“B. The sequence of construction submittal shall also include the following:”
3. Page 01014-2, Paragraph 1.04 B.1, delete this sentence and replace it with the following:

“1. The detailed construction sequence described in Section 02200, Paragraph 1.03 A.”
4. Page 01014-4, Paragraph 1.07 A, delete this paragraph and replace it with the following:

“A. The sequencing of work shall be as described in the sequence of construction submittal that is approved by the Engineer, as described in Section 1.04 of Section 01014.”

Section 01050, Field Engineering and Surveying

1. Page 01050-1, Paragraph 1.01 A.1, delete the existing sentence and replace it with the words “All survey work required in execution of the project except for: 1) bathymetric surveys performed by Owner as basis for dredging measurement and payment; and 2) establishing vertical and horizontal control points at the start of the project.”
2. Page 1050-2, Paragraph 1.03 D.1, delete this paragraph and replace with the following:

“1. Certified site survey and topographical survey at 1-in = 50-ft scale or larger but not greater than 1-in = 20-ft scale, on reproducible 24-in by 36-in Mylar(s), indicating the embankment dam, weirs, access drives, parking lot, pathways, pedestrian bridge and abutments, and location of all other above ground features within the areas of work within Brown Park, along with 1 foot contour intervals. Also provide locations and top and bottom structure elevations, pipe invert(s) and rim elevations on manholes/outfalls and all other structures. The site survey shall include both new and existing facilities and shall be conducted from a common horizontal control point. These drawings shall be included with, and made a part of, the project record documents. The topographic survey shall be in accordance with national map accuracy standards for the scale selected.”
3. Page 1050-3, Paragraph 1.06 A.1.b, after item b. insert the following items:

“c. Embankment dam and weirs.
d. Access drives, parking lot, pathways, pedestrian bridge and abutments.”

Section 01400, Quality Control

5. Page 01400-1, Paragraphs 1.01 B.4, after number 4 insert the following sentence as number 5:
“5. Relieve the Contractor of responsibility of performing all required testing.”
6. Page 01400-2, Paragraphs 1.04 A, delete this paragraph and replace with the following:
“A. The Contractor shall employ and pay for the services of an independent testing agency(ies) to conduct all required field and laboratory testing.”
7. Page 01400-2, Paragraphs 1.04 B, delete this paragraph and replace with the following:
“B. The proposed independent testing agency(ies) must be approved by the Engineer. Contractor shall submit qualifications of the proposed independent testing agency(ies) to the Engineer for review.”
8. Page 01400-2, Paragraphs 1.06 A, in the first line, delete the words “except for the concrete testing”.

Section 02200, Earthwork

1. Page 02200-1, Paragraph 1.03 A, in the first line delete the words “at least 3 weeks prior to the start of excavation” and replace with the words “as part of the overall construction sequence submittal described in Section 01014”.
2. Page 02200-1, Paragraph 1.03 C, relabel this paragraph as “B”.
3. Page 02200-2, Paragraph 1.03 D, delete this paragraph in its entirety.
4. Page 02200-2, Paragraph 1.03 E, relabel this paragraph as “C”.
5. Page 02200-3, Paragraph 2.02 A.2, delete the first sentence of this paragraph and replace with the following: “Low Permeability Compacted Fill shall be used for the embankment dam, access roadway embankment, all fill north of the existing creek and permanent pool, and all fill beneath the mitigated wetland.”

Section 02230, Granular Materials

6. Page 02230-3, Paragraph 2.01 E, delete this paragraph and replace with the following paragraph:
“E. Bedding stone for the articulated concrete mattresses shall meet the requirements of MDOT Class 6A Coarse Aggregate and shall be free of organic material, loam, wood, trash, snow, ice, frozen soil or other objectionable material conforming to the following gradation:

<u>Sieve Size</u>	<u>Percent Finer By Weight</u>
1.5-in.	100
1.0-in.	95 to 100
½-in.	30 to 60
No. 4	0 to 8”

Section 02270, Erosion and Sedimentation Control

1. Page 02270-1, Paragraphs 1.03 A, in the first line, delete the words “within 20 days after award of Contract” and replace with the words “within 30 days following receipt of the Notice to Proceed and prior to start of construction”.

Section 02700, Drainage Structures and Pipe

1. Page 02700-3, Paragraphs 3.01 B, delete the first sentence and replace with the following: “Pipe bedding and backfill shall be as shown on the Drawings.”

Section 02861, Park Furnishings (as reissued in Addendum No. 2)

1. Page 02861-1, Paragraphs 1.01 B.6, after number 6 insert the following sentence as number 7:

“7. Permanent Security Fence”

2. Page 02861-4, Paragraphs 2.01 F.3, after number 3 insert the following new paragraph:

“2.02 PERMANENT SECURITY FENCE

A. Chain Link Fence.

1. Steel fence 0.120 thick, galvanized 2" chain link fencing, 5' high with fabric screening in black.
2. Galvanized steel posts shall be 1½" I.D. for line posts, 2½" I.D. corner posts, and 4" I.D. gate posts (in concrete) in black.

3. Page 02861-6, Paragraphs 3.01 F.4, after number 4 insert the following new paragraph and renumber existing Paragraph 3.02 as 3.03:

“3.02 PERMANENT SECURITY FENCE

A. Permanent security fence shall be installed to replace existing fence along the north edge of the project area as indicated on the Drawings. At Owner’s expense additional permanent security fence may be installed at locations where Engineer feels it is necessary to protect basin improvements, vegetation, structures, adjoining private properties, or hazardous area.”

Section 03301, Concrete and Reinforcing Steel

1. Page 03301-3, Paragraph 1.05 C, in the second line delete the word “Owner” and replace with the word “Contractor”.
2. Page 03301-8, Paragraph 3.06 A, in the first line delete the word “Engineer” and replace with the word “Contractor”.
3. Page 03301-8, Paragraph 3.06 B, in the last line delete the word “Owner” and replace with the word “Contractor”.
4. Page 03301-8, Paragraph 3.06 C, delete the word “Engineer” and replace with the word “Contractor”.

ON THE DRAWINGS

Sheet 4, Sequence of Construction for Dam

1. Add the following table to Sheet 4:

“Estimated Hydraulic and Energy Grade Lines
Immediately Downstream of Existing Outlet Control Structure Weir
(upstream of triple culverts)

Flood Return Interval	Hydraulic Grade Line (Water Surface Elev.)	Energy Grade Line
5 Year	801.85	802.00
10 Year	802.67	802.85
25 Year	803.57	803.77
50 Year	804.50	804.72
100 Year	805.45	805.68”

Sheet 6, Grading & Surface Drainage

1. In the Notes, add a new note as follows:

“4. Bedding details shown on Sheet 12 shall not be used for the 24 inch pipe which passes through the embankment east of the pedestrian bridge. Instead, the pipe must be placed on and surrounded by Low Permeability Compacted Fill, placed and compacted in accordance with Section 02200, except in even lifts no greater than 3-in (compacted thickness).”

Sheet 8, Planting Schedule & Details

1. Wetland Mitigation portion of the Seed Mix Schedules, delete the “Permanent Matrix” portion of this schedule and replace with the revised “Permanent Matrix” information shown in Table 8-1.

Sheet 11, Embankment Dam/Weir Sections

1. General Notes, add the following new general note:

“4. A 4 inch layer of stone bedding shall be provided underneath all areas of articulated concrete mattress. The stone bedding shall be placed between the two layers of woven geotextile. Stone bedding shall be as specified in Section 02230, Granular Materials.”

Sheet M2, Wetland Mitigation Plan

1. Plant Schedule – Mitigation Wetland, delete the “Permanent Matrix” portion of this schedule and replace with the revised “Permanent Matrix” information shown in Table 8-1.

END OF ADDENDUM NO. 3
SEE BELOW FOR ATTACHMENTS LIST

Attachments:

1. Sheet No. 8, Table 8-1 (1 page)

END OF ATTACHMENTS LIST

Table 8-1

Permanent Matrix

Grass: Planting rate per acre = 3.157 lbs/acre

<u>Botanical Name</u>	<u>Common Name</u>	<u>Rate per Acre</u>	<u>% Native MI seed</u>
Calamagrostis canadensis	Blue Joint Grass	0.063 lbs/ac	100%
Carex cristatella	Crested Oval Sedge	0.125 lbs/ac	100%
Carex hystericina	Porcupine Sedge	0.125 lbs/ac	100%
Carex stipata	Awl-Fruited Sedge	0.125 lbs/ac	100%
Carex stricta	Tussock Sedge	0.125 lbs/ac	100%
Carex vulpinoidea	Fox Sedge	0.125 lbs/ac	100%
Eleocharis erythropoda	Spike-Rush	0.125 lbs/ac	100%
Eleocharis obtusa	Blunt Spike Rush	0.125 lbs/ac	100%
Eleocharis palustris	Spike Rush	0.375 lbs/ac	100%
Glyceria striata	Fowl Manna Grass	0.063 lbs/ac	100%
Juncus dudleyi	Dudly's Rush	0.125 lbs/ac	100%
Juncus effusus	Soft-stemmed Bulrush	0.125 lbs/ac	100%
Leersia oryzoides	Rice-cut Grass	0.250 lbs/ac	100%
Panicum virgatum	Switch Grass	1.000 lbs/ac	100%
Scirpus atrovirens	Dark Green Rush	0.125 lbs/ac	100%
Scirpus cyperinus	Wool Grass	0.031 lbs/ac	100%
Scirpus pendulus	Bullrush	0.125 lbs/ac	100%

Forbs: Planting rate per acre = 5.834 lbs/acre

<u>Botanical Name</u>	<u>Common Name</u>	<u>Rate per Acre</u>	<u>% Native MI seed</u>
Angelica atropurpurea	Angelica	0.330 lbs/ac	100%
Asclepias incarnata	Swamp Milkweed	1.500 lbs/ac	100%
Aster novae-angliae	New England Aster	0.670 lbs/ac	100%
Bidens cernuus	Bidens	0.330 lbs/ac	100%
Eupatorium maculatum	Spotted Joe-pye Weed	0.167 lbs/ac	100%
Eupatorium perfoliatum	Boneset	0.167 lbs/ac	100%
Helenium autumnale	Sneezeweed	1.000 lbs/ac	100%
Helianthus grosseserratus	Sawtooth Sunflower	0.500 lbs/ac	100%
Rudbeckia laciniata	Cut-leaved Coneflower	0.670 lbs/ac	100%
Verbena hastata	Blue Vervain	0.500 lbs/ac	100%