



886-2010 ADDENDUM 1

MAGER COMBINED SEWER DISTRICT SEWER SEPARATION, CONTRACT NO. 3

ISSUED: Decemehr 17, 2010
BY: Hartley Katz, C.E.T., P. Eng.
TELEPHONE NO. (204) 489-5900

URGENT

**PLEASE FORWARD THIS DOCUMENT TO
WHOEVER IS IN POSSESSION OF THE BID
OPPORTUNITY**

**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE BID OPPORTUNITY AND SHALL
FORM A PART OF THE CONTRACT
DOCUMENTS**

Template Version: A20070419

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 9 of Form A: Bid may render your Bid non-responsive.

PART E – SPECIFICATIONS

Replace: E32.3 (c) to read:

The seed supplied for the existing riverbank (riparian native seed mix) shall be as follows:

- planted at the locations provided in the chart below
- free of disease
- mixed by percentage (%) of weight to meet the following blends or mixtures:

Growth Form	Species	Latin name	Planting Location	Percentage species
Tree	green ash	<i>Fraxinus pennsylvanica</i>	above ordinary high water mark	30
Tree	American elm	<i>Ulmus americana</i>	above ordinary high water mark	15
Tree	Manitoba maple	<i>Acer negundo</i>	above ordinary high water mark	25
Tree	plains cottonwood	<i>Populus deltoides</i>	above ordinary high water mark	15
Tree	peachleaf willow	<i>Salix amygdaloides</i>	above ordinary high water mark	15
	Species	Latin name	Planting Location	Percentage species
Shrub	highbush cranberry	<i>Viburnum opulus</i>	above ordinary high water mark	20
Shrub	red-osier Dogwood	<i>Cornus stolonifera</i>	moist river bank	30
Shrub	prickly rose	<i>Rosa acicularis</i>	mid- to upper bank	20
Shrub	western snowberry	<i>Symphoricarpos occidentalis</i>	mid- to upper bank	15
Shrub	wild black currant	<i>Ribes americanum</i>	above ordinary high water mark	15

At water's edge

	Species	Latin name	Planting Location	Percentage species
Shrub	sanbar willow	<i>Salix exigua</i>	at water's edge, within riprap	100

Low bank native seed mix - 1.0m above HWL to HWL

	Species	Latin name	Planting Location	Percentage seed by weight
Perennial	fowl blue grass	<i>Poa palustris</i>	lower bank	10
Perennial	Canada wild rye	<i>Elymus canadensis</i>	mid- to upper bank	15
Perennial	slough grass	<i>Beckmannia syzigachne</i>	lower bank	10
Perennial	priarie cord grass	<i>Spartina pectinata</i>	lower bank	10
Perennial	awned wheat grass	<i>Agropyron trachycaulum</i>	lower bank	10
Perennial	switch grass	<i>Panicum virgatum</i>	mid- to upper bank	15
Perennial	big blue stem	<i>Andropogon gerardi</i>	mid- to upper bank	30

Note: there should be three (3) shrubs seeded for every tree seeded and only sandbar willow shall be planted in the zone right next to the water's edge.

DRAWINGS

Replace: 886-2010 _Drawing_LD-5580-R0 with 886-2010 _Addendum_1 _Drawing_LD-5580-R1