

**City of Hammond - Northshore Regional Airport
Airport Drainage Improvements - Phase III
Project Budget**

1-Nov-2016

Bid Item	Description	Estimated Quantity		Engineer's Estimate	
				Unit Price	Extension
1.	Mobilization	1	EA	\$ 30,000.00	\$ 30,000.00
2.	Haul-in/grade/compact BACKFILL (truck measure)	2,000	CY	14.00	28,000.00
3.	Install Flowable Fill	200	CY	90.00	18,000.00
4.	Erosion control/SWMMP	1	EA	10,000.00	10,000.00
5.	Miscellaneous Clearing & Sitework	1	EA	50,000.00	50,000.00
6.	Remove/Replace Concrete Pavement (8" thk.)	170	SY	145.00	24,650.00
7.	Install Linear Trench Drain	158	LF	200.00	31,600.00
8.	Install/open cut 15" RCP(A)	369	LF	55.00	20,295.00
9.	Install/open cut 18" RCP(A)	2,536	LF	60.00	152,160.00
10.	Install/open cut 24" RCP(A)	600	LF	70.00	42,000.00
11.	Install/open cut 30" RCP(A)	1,010	LF	90.00	90,900.00
12.	Install New Catch Basin (new pipes)	19	EA	3,500.00	66,500.00
13.	Rehab / Reconstruct Existing Catch Basin	6	EA	2,500.00	15,000.00
14.	Install Type I Ditch	770	LF	20.00	15,400.00
15.	Haul-in/grade LIMESTONE (Type 610)	85	TN	65.00	5,525.00
16.	Install Slab SOD (at New CB's)	1	EA	4,000.00	4,000.00
17.	Tie-in New/Exst. pipe to New/Exst. CB	5	EA	1,000.00	5,000.00
PHASE III Base Bid Construction Cost Estimate [items "1." - "17."]:					\$ 609,030.00
Construction Contingencies		6.73%		\$ 609,030	40,970.00
Phase III Construction Budget:					\$ 650,000.00
<i>Other costs:</i>					
A. Engineering Design Fees		<i>Lump Sum **</i>		\$ 51,000.00	
B. Resident Construction Inspection Fees		<i>Lump Sum **</i>		20,000.00	
C. Surveys				-	
D. Testing Lab/QC				3,000.00	
E. Miscellaneous Costs				1,000.00	
TOTAL PHASE III PROJECT BUDGET [Expenditures]:					\$ 725,000.00

* "Phase III" scope of work:

- (1) Install new catch basins (J2-A, J2, B11-A, L5-A, B1-A, F1D-B, F1D-A, L4-A, L4-B, R7, T9, S8)
- (2) Install catch basins over existing pipe (A4-A, A5, A5-A, B7-A, B7-C, E4-A, E5, F3-A)
- (3) Replace 1,010 linear feet of deficient 30" RCP(A) pipe
- (4) Replace & install new 2,536 linear feet of 18" RCP(A) at various locations (see overall project map)
- (5) Replace 600 linear feet of deficient 24" RCP(A)

** Per "Amendment No. 3" to Owner-Engineer Agreement for "HNRA Drainage Impr. - Phase III"