

JAVIER HINOJOSA ENGINEERING/Consulting Engineers

August 17, 2009

Ms. Monica Luna, CDBG Coordinator
Urban County Program
1916 Tesoro Blvd.
Pharr, Texas 78577

Re: 2008 Street Improvements

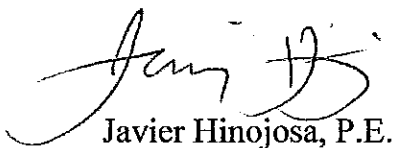
- 1. Madison Avenue**
- 2. Kantunil Street**
- 3. East Juarez Street**
- 4. East Jackson**

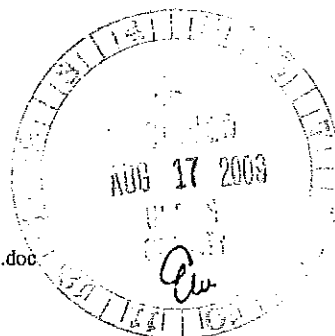
Dear Ms. Luna,

Attached please find the Cost Estimate and the Scope of Services for the referenced streets in Hidalgo County Precinct No. 3. Our best and final offer for Engineering Service for this project is \$42,317.63. We stand ready to proceed with this project at the execution of the contract. If you have any questions or require further information, please feel free to contact me at your convenience.

Sincerely,

JAVIER HINOJOSA ENGINEERING


Javier Hinojosa, P.E.



Preliminary Construction Cost Estimate
Hidalgo County Precinct No. 3
2008 Street Improvements
Prepared By: Javier Hinojosa Engineering
August 17, 2009

A. Madison Avenue (24' E/E)

1 Unc. Excavation	2,100	CY	@	\$3.00 =	\$6,300.00
2 Subgrade Preparation	4,200	SY	@	\$2.50 =	\$10,500.00
3 8" Caliche Base	4,200	SY	@	\$7.00 =	\$29,400.00
4 1 1/2" HMAC (Type "D")	3,700	SY	@	\$7.50 =	\$27,750.00
5 15" Driveway Culverts	600	LF	@	\$20.00 =	\$12,000.00
6 18" RCP Culverts	80	LF	@	\$25.00 =	\$2,000.00
7 Regrade Bar Ditches	2,500	LF	@	\$1.50 =	\$3,750.00
8 Safety End Treatments	2	EA	@	\$300.00 =	\$600.00
9 Asphalt Driveways	20	EA	@	\$400.00 =	\$8,000.00

Subtotal Madison Avenue : \$100,300.00

B. Kantunil Avenue (Recorded as "La Lomita Drive") : 24' E/E

1 Unc. Excavation	2,100	CY	@	\$3.00 =	\$6,300.00
2 Subgrade Preparation	4,200	SY	@	\$2.50 =	\$10,500.00
3 8" Caliche Base	4,200	SY	@	\$7.00 =	\$29,400.00
4 1 1/2" HMAC (Type "D")	3,700	SY	@	\$7.50 =	\$27,750.00
5 15" Driveway Culverts	600	LF	@	\$20.00 =	\$12,000.00
6 18" RCP Culverts	80	LF	@	\$25.00 =	\$2,000.00
7 Regrade Bar Ditches	2,500	LF	@	\$1.50 =	\$3,750.00
8 Safety End Treatments	2	EA	@	\$300.00 =	\$600.00
9 Asphalt Driveways	20	EA	@	\$400.00 =	\$8,000.00

Subtotal Kantunil Avenue : \$100,300.00

C. Juarez Avenue (Recorded as "Mission Drive" and Palm Drive): 24' E/E

1 Unc. Excavation	2,125	CY	@	\$3.00 =	\$6,375.00
2 Subgrade Preparation	4,300	SY	@	\$2.50 =	\$10,750.00
3 8" Caliche Base	4,300	SY	@	\$7.00 =	\$30,100.00
4 1 1/2" HMAC (Type "D")	3,800	SY	@	\$7.50 =	\$28,500.00
5 15" Driveway Culverts	600	LF	@	\$20.00 =	\$12,000.00
6 18" RCP Culverts	80	LF	@	\$25.00 =	\$2,000.00
7 Regrade Bar Ditches	3,000	LF	@	\$1.50 =	\$4,500.00
8 Safety End Treatments	2	EA	@	\$300.00 =	\$600.00
9 Asphalt Driveways	20	EA	@	\$400.00 =	\$8,000.00

Subtotal Juarez Avenue : \$102,825.00

AUG 17 2009

A handwritten signature in blue ink is written over a circular stamp. The stamp contains the text 'JAVIER HINOJOSA ENGINEERING' around the perimeter and 'REGISTERED PROFESSIONAL ENGINEER' in the center. The signature appears to be 'Javier Hinojosa'.

D. Jackson Avenue (24' E/E)

1 Unc. Excavation	2,100 CY	@	\$3.00 =	\$6,300.00
2 Subgrade Preparation	4,150 SY	@	\$2.50 =	\$10,375.00
3 8" Caliche Base	4,150 SY	@	\$7.00 =	\$29,050.00
4 1 1/2" HMAC (Type "D")	3,650 SY	@	\$7.50 =	\$27,375.00
5 15" Driveway Culverts	600 LF	@	\$20.00 =	\$12,000.00
6 18" RCP Culverts	80 LF	@	\$25.00 =	\$2,000.00
7 Regrade Bar Ditches	2,600 LF	@	\$1.50 =	\$3,900.00
8 Safety End Treatments	2 EA	@	\$300.00 =	\$600.00
9 Asphalt Driveways	20 EA	@	\$400.00 =	\$8,000.00

Subtotal Jackson Avenue : \$99,600.00

Subtotal All Streets : \$403,025.00
Engineering Design Fee : \$42,317.63
Contingency (10%) : \$40,302.50
Laboratory Testing : \$14,105.88
Total : \$499,751.00

**EXHIBIT A
SCOPE OF SERVICES
HIDALGO COUNTY PRECINCT NO. 3
2008 STREET IMPROVEMENTS
PREPARED BY: JAVIER HINOJOSA ENGINEERING**

Hidalgo County Precinct No. 3 proposes to construct paving improvements for Madison Avenue, Kantunil Street, East Juarez Street and East Jackson. The improvements will consist of paving improvements consisting of 28" wide caliche base and 24' wide asphalt.

Contract Amount: \$42,317.63

Project Tasks

TASK I – PROJECT ORIENTATION AND STARTUP

We propose that an initial project orientation meeting be scheduled so that both the County and our firm may have a clear understanding of the design and construction process, parameters to be used and the final product desired.

TASK II – SURVEY

Necessary field information will be developed by field surveys. Record plans will be used as a guide for the survey work and for the analysis of design alternatives.

TASK III – DESIGN ALTERNATIVES

Various design alternatives will be developed using information secured from ongoing field surveys. The existing record plans of the County will be used as a guide for design evaluations. Each alternative will be evaluated with regard to the Project's goals being met. Cost estimates will be developed for the various alternatives

TASK IV – DESIGN

This task will assure that the paving improvements designed and incorporated in the plans are adequate for the area.

TASK V – PRELIMINARY PLANS AND ESTIMATES

The preliminary set of plans which will result from Task IV along with cost estimates will be reviewed with County staff for input and guidance.

TASK VI – FINAL PLANS AND SPECIFICATIONS

Final plans, specifications and estimates will be prepared during this task. The output of this task will be the documents necessary for bidding and constructing the project.

TASK VII – BIDDING AND AWARD

VII a. Bidding Process

A pre-bid meeting will be scheduled if necessary in order to brief potential bidders and suppliers on the project. Necessary clarifications or addendum will be issued. We will attend the bid opening and assist as the County desires.

VII b. Bid Recommendations

After receipt of bids by the County, we will tabulate the bids and make recommendations in consultation with County staff.

VII c. Award

We will prepare necessary contract documents for execution after award by the County.

TASK VIII – CONSTRUCTION

During this stage we will observe ongoing work, provide construction staking for the contractor and certify periodic payment requests. Upon completion, a final inspection will be scheduled with the contractor and County staff. The outcome of this final inspection will be a certificate of completion or a punch list of items for the contractor to complete.

TASK IX – AS BUILTS

We will provide the City with reproducible “as-builts” of the project along with a diskette on Auto-Cadd.