

City of McFarland – Street Rejuvenation and Slurry Seal Various Locations

Addendum No. 01

ITEM #01: Unit Quantity Correction

CORRECTION: Line Items 5, 6, and 7 should be priced per square yard, not lump sum

(See attached revised **Bid Schedule Unit Price**)

ITEM #02: Specifications Clarification:

CORRECTION: Residue by distillation percentage 60

(See attached revised **Special Provisions Part II – Technical Specifications Type II Slurry Seal**)

ITEM #03: RFI's – Questions and Responses

1. Is there an Engineer's Estimate?

Answer: The engineer's estimate is \$252,181.16

2. What is the application rate the City wants for Reclamite? The range of .05-.10 is too broad.

Answer: The City is looking for an application rate of 0.08 for Reclamite.

3. What are the application rates for the single and double slurry seal streets?

Answer: The City is looking for an application rate of 12-15 lbs/sqyd dry aggregate for single slurry streets. For the double slurry streets the application rate should be 16-20 lbs/sqyd for the first layer and 12-15 lbs/sqyd for the second layer.

4. What is the cure time between layers for the double slurry streets?

Answer: The contractor should let the first layer cure for at least 24 hours before applying the second layer.

5. Is the contractor responsible for restriping or striping removal?

Answer: No striping work will be completed by the contractor.

END OF ADDENDUM NO. 01

BID SCHEDULE

SCHEDULE OF WORK ITEMS City of McFarland

STREET REJUVENATION AND SLURRY SEAL – VARIOUS LOCATIONS

Item No.	Quantity	Unit	Item Description	Unit Price	Total Price
1	1	LS	Mobilization, permits license	\$ _____ / LS	\$ _____
2	1	LS	Maintenance of Traffic Control & Signing	\$ _____ / LS	\$ _____
3	26,857	SY	Furnish all labor, materials, and equipment necessary for the application of an asphalt rejuvenating agent "Reclamite" to asphalt surface on various streets specified in Area 1 including sanding and sand removal per contract plans and specifications.	\$ _____ / SY	\$ _____
4	22,693	SY	Furnish all labor, materials, and equipment necessary for the application of an asphalt rejuvenating agent "Reclamite" to asphalt surface on various streets a specified in Area 2 including sanding and sand removal per contract plans and specifications.	\$ _____ / SY	\$ _____
5	44,496	SY	Furnish all labor, materials, and equipment necessary for the application of an asphalt rejuvenating agent "Reclamite" to asphalt surface on various streets specified in Area 3 including sanding and sand removal per contract plans and specifications.	\$ _____ / SY	\$ _____
6	15,025	SY	Furnish all labor, materials, and equipment necessary for the application of an asphalt Slurry Seal to asphalt surface on various streets specified in Area 1 .	\$ _____ / SY	\$ _____
7	26,250	SY	Furnish all labor, materials, and equipment necessary for the application of an asphalt Double Slurry Seal to asphalt surface on various streets specified in Area 1 .	\$ _____ / SY	\$ _____
			Total Base Bid		\$ _____

INCLUDE WITH BID

SPECIAL PROVISIONS
PART II – TECHNICAL SPECIFICATIONS
TYPE II SLURRY SEAL

PART 1 - GENERAL

Slurry seal shall be Type II slurry seal and consists of mixing asphaltic emulsion, aggregate, set-control additives and water. Materials, application and finishing operation of slurry seal shall conform to the Caltrans Standard Specifications Subsection 37-3 "Slurry Seal and Micro-Surfacing", except 37-3.04 "Payment". Slurry seal shall be an application of the mixture on a surfacing or pavement at the locations as shown on the drawings, maps and as directed by the Engineer.

Where in the referred sections of the Caltrans Standard Specifications, the terms State and/or Engineer are used, their meaning shall be interpreted as the City Engineer, or through his designated agent, of the City of McFarland Public Works Department.

MATERIALS

The materials for slurry seal shall be finished and screenings compacted in accordance with the Caltrans Standard Specifications Subsection 37-3.02 "Materials", except that the Subsection 37-3.02B "Asphaltic Emulsion" shall not apply.

A. Asphaltic Emulsion

Asphaltic emulsion shall be bituminous material and shall be quick-setting type, Grade QS1h anionic or Grade CQS1h cationic, conforming to the Caltrans Standard Specifications Section 94 "Asphaltic Emulsions". The grade of asphaltic emulsion shall be at the option of the Contractor.

Requirements for Quick-Setting Asphaltic Emulsion:

Properties	AASHTO Designation	Anionic QS1h		Cationic CQS1h	
		Min	Max	Min	Max
Test on Emulsions					
Viscosity, SSF, @ 50°C, sec	-	15	90		
Sieve Test, %	-	-	0.30	-	0.30
Storage Stability, 1 day, %	-	-	1	-	1
Residue by Distillation, %	-	60	-	60	-
Particle Charge	-	Negative		Positive	
Tests on Residue from Distillation Test					
Penetration, 25°C	T 49	40	90	40	90
Ductility, 25°C, mm	T 51	400	-	400	-
Solubility in Trichloroethylene, %	T 44	97	-	97	-