

PA-06-TX-4245-PW-00150(0) <u>P</u>	
Applicant Name:	Application Title:
HIDALGO (COUNTY)	HID006C Hidalgo Co. Pct. 1 Roads
Period of Performance Start:	Period of Performance End:
11-25-2015	05-25-2017

Bundle Reference # (Amendment #)	Date Awarded

Subgrant Application - FEMA Form 90-91

Note: The Effective Cost Share for this application is 75%

FEDERAL EMERGENCY MANAGEMENT AGENCY PROJECT WORKSHEET					
DISASTER		PROJECT NO.	PA ID NO.	DATE	CATEGORY
FEMA	4245 - DR -TX	HID006C	215-99215-00	04-26-2016	C
APPLICANT: HIDALGO (COUNTY)			WORK COMPLETE AS OF:		
			04-08-2016 : 0 %		
Site 1 of 7					
DAMAGED FACILITY:			COUNTY: Hidalgo		
Site 11. Las Nubes St.					
LOCATION:				LATITUDE:	LONGITUDE:
Current Version: Site # 11 Lat.: 26.37203 Long.: -97.96394 to Lat.: 26.37089 Long.: -97.96415 Las Nubes St. in Monte Alto, TX 78538.				26.37089 26.37203	-97.96415 -97.96394
DAMAGE DESCRIPTION AND DIMENSIONS:					
Current Version: During the Declared event period, standing floodwaters at a depth of 2 Ft. submerged this section of paved roadway for a period of longer than Three (3) Weeks. Water saturated the base material (Caliche) which caused the road wear surface (Asphalt) to severely undulate, rut and delaminate. To restore the road to pre event form and function, the Applicant will need to replace the following: •Caliche Base - Dimensions 407 Ft. long by 28 Ft. Wide by 0.500 Ft. (6 inch) deep / 9 = 1,266.22 SY •Asphalt Wear Surface - Dimensions 407 Ft. long by 28 Ft. Wide by 0.167 Ft. (2 inch) deep / 9 = 1,266.22 SY					
This road, while in fair condition is nonetheless recommended as eligible damages, the rationale for this recommendation is based on the FEMA PA Specialists' Inspection, assessment and observations of road sections along this road that were not submerged; these asphalt wear surfaces remained even planed, adhered to the base material; and, intact in spite of exhibiting signs of fair condition throughout. Had this damaged section of road not been submerged for a protracted period of time, the likelihood is it would have remained intact. Therefore the damages are recommended as eligible in accordance with 44 CFR §206.223 (a) (1) (2) (3). End of DDD					
SCOPE OF WORK:					
Current Version: SOW PS COMMENTS: A. Bid Tabulations from MJA Construction, LLC., And TEXAS CORDIA, Bid No. 2016-028-01-27-MSS, Jan. 2016 B. TEXDOT Average Unit Bid Cost, Nov. 2015-Jan. 2016. 1. 0105-6045 2. 5001-6001 3. 0260-6006					
Work to Be Completed					

The Applicant will follow its Procurement Policy and use public competitive bid solicitations to hire a Contractor to perform the repairs in accordance with the Scope of Work as detailed in this Sub Grant Application. The FEMA PA Specialist formulated this Damage Description, Scope of Work and Estimates with the cooperation and concurrence of the Applicants' Engineer and Assistant Director of Operations. The FEMA Specialist worked with the Applicants' Assistant Director of Operations and both parties (FEMA and Applicant), working together, inspected and evaluated all sites contained in this project. The FEMA Specialist Estimated the cost of the project using Recent Local Historical Costs for similar work using unit costs from Bid Tabulations from MJA Construction, LLC., and TEXAS CORDIA, Bid No. 2016-028-01-27-MSS, Jan. 2016 and TEXDOT Average Unit Bid Cost, Nov. 2015-Jan. 2016.

Codes and Standards

In 2006 The Applicant (Hidalgo County) adopted a new standard for the Construction and Repair of Roads (Class C Pavement). All Sites on this Project are in the jurisdictional responsibility of Hidalgo County Precinct 1. Hidalgo County Precinct 1 has adopted this new design and implemented it on all new construction and repair projects since it was codified in 2006 by the County Board of Commissioners. The New Standard (enacted 2006) specifies an Eight (8) Inch depth for Caliche' base material on all paved roads. All of the roads that are contained in this project were built prior to the new standard; and, the existing Caliche' base depth is Six (6) Inches. To conform to the standard, the Applicant will specify that the successful Bidder (Contractor) will remove the existing damaged Two (2) Inch Deep Asphalt wear surface plus Four (4) Inch Deep of the existing Six (6) Inch Caliche' Base. The remaining Two (2) Inch deep Caliche will be treated with a 1.5 % Lime Treatment and Contractor will furnish and install another Six (6) Inch deep layer of Caliche' to bring the base to the New Standard Eight (8)inch Depth specification; Then, apply a Prime Coat and a Two (2) Inch deep Asphalt Wear Surface. Therefore, since the proposed repairs and scope items meet the stated criteria items 1,2,3,4,and 5 for Codes and Standards as defined on page 19 of The FEMA Public Assistance Policy Digest, and 44 CFR §206.221(i) and §206.226(d) and Page 80 paragraph 2 of The FEMA Public Assistance Guide FEMA 322, This Scope of Work and associated estimated Costs are recommended as eligible in accordance with 44 CFR §206.228 (a) (ii) (iii) (2) (I).

Scope Items

- 1.Using Contract Labor, Equipment and Material - Excavate and haul away for reclamation 2 Inch deep Asphalt wear surface and 4 Inches of Caliche' base, Treat existing sub base with 2% lime and compact to achieve proposed sub base. - Dimensions 407 Ft. long by 28 Ft. Wide by 0.500 Ft. (6 inch) deep/ 9 =1,266.22 SY @ \$9.19/SY = \$11,636.58 See PS Comments: B (1)
- 2.Using Contract Labor, Equipment and Material - Install Biaxial Geogrid #1200 material over Sub Base. - Dimensions 407 Ft. long by 28 Ft. Wide by 0.000 Ft. (0 inch) deep / 9 = 1,266.22 SY @ \$1.31/SY = \$1,658.75 See PS Comment B (2)
- 3.Using Contract Labor, Equipment and Material - Furnish and Install 6" deep compacted Caliche Base Course. Dimensions 407 Ft. long by 28 Ft. Wide by 0.500 Ft. (6 inch) deep/ 9 = 1,266.22 SY @ \$3.50/SY = \$4,431.78 See PS Comment A
- 4.Using Contract Labor, Equipment and Material - Furnish and Apply a 1.5 Percent Lime Treatment to the Caliche Base Material. - Dimensions 407 Ft. long by 28 Ft. Wide by 0.000 Ft. (0 inch) deep/ 9 = 1,266.22SY @ \$1.30/SY = \$1,646.09 See PS Comment B (3)
- 5.Using Contract Labor, Equipment and Material - Furnish and Apply a Prime Coat (MC-30) (0.2 GAL/SY) Asphaltic material on Caliche' Base surface - Dimensions 407 Ft. long by 28 Ft. Wide by 0.000 Ft. (0 inch) deep/ 9 =1,266.22 SY @ \$1.00/SY = \$1,266.22 See PS Comment A
- 6.Using Contract Labor, Equipment and Material - Furnish, Install and Roll a 2 Inch deep HMAC TYPE "D" Asphalt wear surface. - Dimensions 407 Ft. long by 28 Ft. Wide by 0.167 Ft. (2 inch) deep/ 9 =1,266.22 SY @ \$10.80/SY = \$13,675.20 See PS Comment A
- 7.Using Contractor Labor, Equipment and Materials Provide Traffic Safety and Control
Lump Sum = \$5,000.00

Summary Estimated Contract Base Cost \$39,314.62

Site 2 of 7

DAMAGED FACILITY:

Site 12. Old River Rd.

COUNTY: Hidalgo

LOCATION:

Current Version:

Site # 12 Lat.: 26.12780 Long.: -98.05917 to Lat.: 26.13520 Long.: -98.05593 Old River Rd. in Donna, TX 78537.

LATITUDE:

26.1278
26.1352

LONGITUDE:

-98.05917
-98.05593

DAMAGE DESCRIPTION AND DIMENSIONS:

Current Version:

DDD

During the Declared event period, standing floodwaters at a depth of 2 Ft. submerged this section of paved roadway for a period of longer than Three (3) Weeks. Water saturated the base material (Caliche) which caused the road wear surface (Asphalt) to severely undulate, rut and delaminate. To restore the road to pre event form and function, the Applicant will the need to replace the following:

- Caliche Base - Dimensions 2,636 Ft. long by 28 Ft. Wide by 0.500 Ft. (6 inch) deep / 9 = 8,200.89 SY
- Asphalt Wear Surface - Dimensions 2,636 Ft. long by 28 Ft. Wide by 0.167 Ft. (2 inch) deep / 9 = 8,200.89 SY

This road, while in fair condition is nonetheless recommended as eligible damages, the rationale for this recommendation is based on the FEMA PA Specialists' inspection, assessment and observations of road sections along this road that were not submerged; these asphalt wear surfaces remained even planed, adhered to the base material; and, intact in spite of exhibiting signs of fair condition throughout. Had this damaged section of road not been submerged for a protracted period of time, the likelihood is it would have remained intact. Therefore the damages are recommended as eligible in accordance with 44 CFR §206.223 (a) (1) (2) (3).

End of DDD

SCOPE OF WORK:

Current Version:

SOW

PS COMMENTS:

A. Bid Tabulations from MJA Construction, LLC., And TEXAS CORDIA, Bid No. 2016-028-01-27-MSS, Jan. 2016

B. TEXDOT Average Unit Bid Cost, Nov. 2015-Jan. 2016.

1. 0105-6045
2. 5001-6001
3. 0260-6006

Work to Be Completed

The Applicant will follow its Procurement Policy and use public competitive bid solicitations to hire a Contractor to perform the repairs in accordance with the Scope of Work as detailed in this Sub Grant Application. The FEMA PA Specialist formulated this Damage Description, Scope of Work and Estimates with the cooperation and concurrence of the Applicants' Engineer and Assistant Director of Operations. The FEMA Specialist worked with the Applicants' Assistant Director of Operations and both parties (FEMA and Applicant), working together, inspected and evaluated all sites contained in this project. The FEMA Specialist Estimated the cost of the project using Recent Local Historical Costs for similar work using unit costs from Bid Tabulations from MJA Construction, LLC., and TEXAS CORDIA, Bid No. 2016-028-01-27-MSS, Jan. 2016 and TEXDOT Average Unit Bid Cost, Nov. 2015-Jan. 2016.

Codes and Standards

In 2006 The Applicant (Hidalgo County) adopted a new standard for the Construction and Repair of Roads (Class C Pavement). All Sites on this Project are in the jurisdictional responsibility of Hidalgo County Precinct 1. Hidalgo County Precinct 1 has adopted this new design and implemented it on all new construction and repair projects since it was codified in 2006 by the County Board of Commissioners.

The New Standard (enacted 2006) specifies an Eight (8) Inch depth for Caliche' base material on all paved roads. All of the roads that are contained in this project were built prior to the new standard; and, the existing Caliche' base depth is Six (6) Inches. To conform to the standard, the Applicant will specify that the successful Bidder (Contractor) will remove the existing damaged Two (2) Inch Deep Asphalt wear surface plus Four (4) Inch Deep of the existing Six (6) Inch Caliche' Base. The remaining Two (2) Inch deep Caliche will be treated with a 1.5 % Lime Treatment and Contractor will furnish and install another Six (6) Inch deep layer of Caliche' to bring the base to the New Standard Eight (8) Depth specification; Then, apply a Prime Coat and a Two (2) Inch deep Asphalt Wear Surface.

Therefore, since the proposed repairs and scope items meet the stated criteria items 1,2,3,4, and 5 for Codes and Standards as defined on page 19 of The FEMA Public Assistance Policy Digest, and 44 CFR §206.221(i) and §206.226(d) and Page 80 paragraph 2 of The FEMA Public Assistance Guide FEMA 322, This Scope of Work and associated estimated Costs are recommended as eligible in accordance with 44 CFR §206.228 (a) (i) (ii) (iii) (2) (i).

Scope Items

1. Using Contract Labor, Equipment and Material - Excavate and haul away for reclamation 2 inch deep Asphalt wear surface and 4 inches of Caliche' base, Note base is 4 Ft. wider than wear surface. Treat existing sub base with 2% lime and compact to achieve proposed sub base. - Dimensions 2,636 Ft. long by 28 Ft. Wide by 0.500 Ft. (6 inch) deep/ 9 =8,200.89 SY @ \$9.19/SY = \$75,366.17 See PS Comments: B (1)

2. Using Contract Labor, Equipment and Material - Install Biaxial Geogrid #1200 material over Sub Base. - Dimensions 2,636 Ft. long by 28 Ft. Wide by 0.000 Ft. (0 inch) deep / 9 = 8,200.89 SY @ \$1.31/SY = \$10,743.16 See PS Comment B (2)

3. Using Contract Labor, Equipment and Material - Furnish and Install 6" deep compacted Caliche Base Course. Dimensions 2,636 Ft. long by 28 Ft. Wide by 0.500 Ft. (6 inch) deep/ 9 = 8,200.89 SY @ \$3.50/SY = \$28,703.11 See PS Comment A

4. Using Contract Labor, Equipment and Material - Furnish and Apply a 1.5 Percent Lime Treatment to the Caliche Base Material. - Dimensions 2,636 Ft. long by 28 Ft. Wide by 0.000 Ft. (0 inch) deep/ 9 = 8,200.89 @ \$1.30/SY = \$10,661.16 See PS Comment B (3)

5. Using Contract Labor, Equipment and Material - Furnish and Apply a Prime Coat (MC-30) (0.2 GAL/SY) Asphaltic material on Caliche' Base surface - Dimensions 2,636 Ft. long by 24 Ft. Wide by 0.000 Ft. (0 inch) deep/ 9 =7,029.33 SY @ \$1.00/SY = \$7,029.33 See PS Comment A

6. Using Contract Labor, Equipment and Material - Furnish, Install and Roll a 2 Inch deep HMAC TYPE "D" Asphalt wear surface. - Dimensions 2,636 Ft. long by 24 Ft. Wide by 0.167 Ft. (2 inch) deep/ 9 =7,029.33 SY @ \$10.80/SY = \$75,916.80 See PS Comment A

7. Using Contract Labor, Equipment and Material - Regrade Roadside Ditches. - Dimensions 5,272 LF @ \$2.00/LF = \$10,544.00

8. Using Contractor Labor, Equipment and Materials Provide Traffic Safety and Control
Lump Sum = \$6,000.00

Summary Estimated Contract Base Cost \$223,963.73

Site 3 of 7

DAMAGED FACILITY:

Site 13. Quintero St.

COUNTY: Hidalgo

LOCATION:

Current Version:

Site # 13 Lat.: 26.18589 Long.: -98.01550 to Lat.: 26.18593 Long.: -98.01884 Quintero St. in Weslaco, TX 78596.

LATITUDE:

26.18589
26.18593

LONGITUDE:

-98.0155
-98.01884

DAMAGE DESCRIPTION AND DIMENSIONS:

Current Version:

DDD

During the Declared event period, standing floodwaters at a depth of 2 Ft. submerged this section of paved roadway for a period of longer than Three (3) Weeks. Water saturated the base material (Caliche) which caused the road wear surface (Asphalt) to severely undulate, rut and delaminate. To restore the road to pre event form and function, the Applicant will the need to replace the following:

- Caliche Base – Dimensions 1056 Ft. long by 28 Ft. Wide by 0.500 Ft. (6 inch) deep / 9 = 3,285.33 SY
- Asphalt Wear Surface - Dimensions 1056 Ft. long by 28 Ft. Wide by 0.167 Ft. (2 inch) deep / 9 = 3,285.33 SY

This road, while in fair condition is nonetheless recommended as eligible damages, the rational for this recommendation is based on the FEMA PA Specialists' Inspection, assessment and observations of road sections along this road that were not submerged; these asphalt wear surfaces remained even planed, adhered to the base material; and, intact in spite of exhibiting signs of fair condition throughout. Had this damaged section of road not been submerged for a protracted period of time, the likelihood is it would have remained intact. Therefore the damages at are recommended as eligible in accordance with 44 CFR §206.223 (a) (1) (2) (3).
End of DDD

SCOPE OF WORK:

Current Version:

SOW

PS COMMENTS:

- A. Bid Tabulations from MJA Construction, LLC., And TEXAS CORDIA, Bid No. 2016-028-01-27-MSS, Jan. 2016
- B. TEXDOT Average Unit Bid Cost, Nov. 2015-Jan. 2016.
 1. 0105-6045
 2. 5001-6001
 3. 0260-6006

Work to Be Completed

The Applicant will follow its Procurement Policy and use public competitive bid solicitations to hire a Contractor to perform the repairs in accordance with the Scope of Work as detailed in this Sub Grant Application. The FEMA PA Specialist formulated this Damage Description, Scope of Work and Estimates with the cooperation and concurrence of the Applicants' Engineer and Assistant Director of Operations. The FEMA Specialist worked with the Applicants' Assistant Director of Operations and both parties (FEMA and Applicant), working together, inspected and evaluated all sites contained in this project. The FEMA Specialist Estimated the cost of the project using Recent Local Historical Costs for similar work using unit costs from Bid Tabulations from MJA Construction, LLC., and TEXAS CORDIA, Bid No. 2016-028-01-27-MSS, Jan. 2016 and TEXDOT Average Unit Bid Cost, Nov. 2015-Jan. 2016.

Codes and Standards

In 2006 The Applicant (Hidalgo County) adopted a new standard for the Construction and Repair of Roads (Class C Pavement). All Sites on this Project are in the jurisdictional responsibility of Hidalgo County Precinct 1. Hidalgo County Precinct 1 has adopted this new design and implemented it on all new construction and repair projects since it was codified in 2006 by the County Board of Commissioners.

The New Standard (enacted 2006) specifies an Eight (8) Inch depth for Caliche' base material on all paved roads. All of the roads that are contained in this project were built prior to the new standard; and, the existing Caliche' base depth is Six (6) Inches. To conform to the standard, the Applicant will specify that the successful Bidder (Contractor) will remove the existing damaged Two (2) Inch Deep Asphalt wear surface plus Four (4) Inch Deep of the existing Six (6) Inch Caliche' Base. The remaining Two (2) Inch deep Caliche will be treated with a 1.5 % Lime Treatment and Contractor will furnish and install another Six (6) Inch deep layer of Caliche' to bring the base to the New Standard Eight (8) Depth specification; Then, apply a Prime Coat and a Two (2) Inch deep Asphalt Wear Surface.

Therefore, since the proposed repairs and scope items meet the stated criteria items 1,2,3,4, and 5 for Codes and Standards as defined on page 19 of The FEMA Public Assistance Policy Digest, and 44 CFR §206.221(i) and §206.226(d) and Page 80 paragraph 2 of The FEMA Public Assistance Guide FEMA 322, This Scope of Work and associated estimated Costs are recommended as eligible in accordance with 44 CFR §206.228 (a) (ii) (iii) (2) (l).

Scope Items

1.Using Contract Labor, Equipment and Material - Excavate and haul away for reclamation 2 Inch deep Asphalt wear surface and 4 Inches of Caliche' base, , Note base is 4 Ft. wider than wear surface. Treat existing sub base with 2% lime and compact to achieve proposed sub base. - Dimensions 1056 Ft. long by 28 Ft. Wide by 0.500 Ft. (6 inch) deep/ 9 =3,285.33 SY @ \$9.19/SY = \$30,192.21 See PS Comments: B (1)

2.Using Contract Labor, Equipment and Material - Install Biaxial Geogrid #1200 material over Sub Base. - Dimensions 1056 Ft. long by 28 Ft. Wide by 0.000 Ft. (0 inch) deep / 9 = 3,285.33 SY @ \$1.31/SY = \$4,303.79 See PS Comment B (2)

3.Using Contract Labor, Equipment and Material - Furnish and Install 6" deep compacted Caliche Base Course. Dimensions 1056 Ft. long by 28 Ft. Wide by 0.500 Ft. (6 inch) deep/ 9 = 3,285.33 SY @ \$3.50/SY = \$11,498.67 See PS Comment A

4.Using Contract Labor, Equipment and Material - Furnish and Apply a 1.5 Percent Lime Treatment to the Caliche Base Material. - Dimensions 1056 Ft. long by 28 Ft. Wide by 0.000 Ft. (0 inch) deep/ 9 = 3,285.33 SY @ \$1.30/SY = \$4,270.93 See PS Comment B (3)

5.Using Contract Labor, Equipment and Material - Furnish and Apply a Prime Coat (MC-30) (0.2 GAL/SY) Asphaltic material on Caliche' Base surface - Dimensions 1056 Ft. long by 24 Ft. Wide by 0.000 Ft. (0 inch) deep/ 9 =2,816.00 SY @ \$1.00/SY = \$2,816.00 See PS Comment A

6.Using Contract Labor, Equipment and Material - Furnish, Install and Roll a 2 Inch deep HMAC TYPE "D" Asphalt wear surface. - Dimensions 1056 Ft. long by 24 Ft. Wide by 0.167 Ft. (2 inch) deep/ 9 =2,816.00SY @ \$10.80/SY = \$30,412.80 See PS Comment A

7.Using Contractor Labor, Equipment and Materials Provide Traffic Safety and Control
Lump Sum = \$5,000.00

Summary Estimated Contract Base Cost \$88,494.40

Site 4 of 7

DAMAGED FACILITY:

Site 14. Bustamante St.

COUNTY: Hidalgo

LOCATION:

Current Version:
Site # 14 Lat.: 26.18712 Long.: -98.01710 to Lat.: 26.18412 Long.: -98.01702 Bustamante St. in Weslaco, TX 78596.

LATITUDE:

26.18412
26.18712

LONGITUDE:

-98.01702
-98.0171

DAMAGE DESCRIPTION AND DIMENSIONS:

Current Version:
DDD

During the Declared event period, standing floodwaters at a depth of 2 Ft. submerged this section of paved roadway for a period of longer than Three (3) Weeks. Water saturated the base material (Caliche) which caused the road wear surface (Asphalt) to severely undulate, rut and delaminate. To restore the road to pre event form and function, the Applicant will the need to replace the following:

- Caliche Base - Dimensions 1057 Ft. long by 24 Ft. Wide by 0.500 Ft. (6 inch) deep / 9 = 2,818.67 SY
- Asphalt Wear Surface - Dimensions 1057 Ft. long by 24 Ft. Wide by 0.167 Ft. (2 inch) deep / 9 = 2,818.67 SY

This road, while in fair condition is nonetheless recommended as eligible damages, the rational for this recommendation is based on the FEMA PA Specialists' Inspection, assessment and observations of road sections along this road that were not submerged; these asphalt wear surfaces remained even planed, adhered to the base material; and, intact in spite of exhibiting signs of fair condition throughout. Had this damaged section of road not been submerged for a protracted period of time, the likelihood is it would have remained intact. Therefore the damages at are recommended as eligible in accordance with 44 CFR §206.223 (a) (1) (2) (3).
End of DDD

SCOPE OF WORK:

Current Version:
SOW

PS COMMENTS:

- A. Bid Tabulations from MJA Construction, LLC., And TEXAS CORDIA, Bid No. 2016-028-01-27-MSS, Jan. 2016
- B. TEXDOT Average Unit Bid Cost, Nov. 2015-Jan. 2016.
- 1. 0105-6045
- 2. 5001-6001
- 3. 0260-6006

Work to Be Completed

The Applicant will follow its Procurement Policy and use public competitive bid solicitations to hire a Contractor to perform the repairs in

accordance with the Scope of Work as detailed in this Sub Grant Application. The FEMA PA Specialist formulated this Damage Description, Scope of Work and Estimates with the cooperation and concurrence of the Applicants' Engineer and Assistant Director of Operations. The FEMA Specialist worked with the Applicants' Assistant Director of Operations and both parties (FEMA and Applicant), working together, inspected and evaluated all sites contained in this project. The FEMA Specialist Estimated the cost of the project using Recent Local Historical Costs for similar work using unit costs from Bid Tabulations from MJA Construction, LLC., and TEXAS CORDIA, Bid No. 2016-028-01-27-MSS, Jan. 2016 and TEXDOT Average Unit Bid Cost, Nov. 2015-Jan. 2016.

Codes and Standards

In 2006 The Applicant (Hidalgo County) adopted a new standard for the Construction and Repair of Roads (Class C Pavement). All Sites on this Project are in the jurisdictional responsibility of Hidalgo County Precinct 1. Hidalgo County Precinct 1 has adopted this new design and implemented it on all new construction and repair projects since it was codified in 2006 by the County Board of Commissioners.

The New Standard (enacted 2006) specifies an Eight (8) Inch depth for Caliche' base material on all paved roads. All of the roads that are contained in this project were built prior to the new standard; and, the existing Caliche' base depth is Six (6) Inches. To conform to the standard, the Applicant will specify that the successful Bidder (Contractor) will remove the existing damaged Two (2) Inch Deep Asphalt wear surface plus Four (4) Inch Deep of the existing Six (6) Inch Caliche' Base. The remaining Two (2) Inch deep Caliche will be treated with a 1.5 % Lime Treatment and Contractor will furnish and install another Six (6) Inch deep layer of Caliche' to bring the base to the New Standard Eight (8) Depth specification; Then, apply a Prime Coat and a Two (2) Inch deep Asphalt Wear Surface.

Therefore, since the proposed repairs and scope items meet the stated criteria items 1,2,3,4,and 5 for Codes and Standards as defined on page 19 of The FEMA Public Assistance Policy Digest, and 44 CFR §206.221(i) and §206.226(d) and Page 80 paragraph 2 of The FEMA Public Assistance Guide FEMA 322, This Scope of Work and associated estimated Costs are recommended as eligible in accordance with 44 CFR §206.228 (a) (ii) (iii) (2) (I).

Scope Items

1.Using Contract Labor, Equipment and Material - Excavate and haul away for reclamation 2 Inch deep Asphalt wear surface and 4 Inches of Caliche' base, Treat existing sub base with 2% lime and compact to achieve proposed sub base. - Dimensions 1057 Ft. long by 24 Ft. Wide by 0.500 Ft. (6 inch) deep/ 9 = 2,818.67 SY @ \$9.19/SY = \$25,903.55 See PS Comments: B (1)

2.Using Contract Labor, Equipment and Material - Install Biaxial Geogrid #1200 material over Sub Base. - Dimensions 1057 Ft. long by 24 Ft. Wide by 0.000 Ft. (0 inch) deep / 9 = 2,818.67 SY @ \$1.31/SY = \$3,692.45 See PS Comment B (2)

3.Using Contract Labor, Equipment and Material - Furnish and Install 6" deep compacted Caliche Base Course. Dimensions 1057 Ft. long by 24 Ft. Wide by 0.500 Ft. (6 inch) deep/ 9 = 2,818.67 SY @ \$3.50/SY = \$9,865.33 See PS Comment A

4.Using Contract Labor, Equipment and Material - Furnish and Apply a 1.5 Percent Lime Treatment to the Caliche Base Material. - Dimensions 1057 Ft. long by 24 Ft. Wide by 0.000 Ft. (0 inch) deep/ 9 = 2,818.67 SY @ \$1.30/SY = \$3,664.27 See PS Comment B (3)

5.Using Contract Labor, Equipment and Material - Furnish and Apply a Prime Coat (MC-30) (0.2 GAL/SY) Asphaltic material on Caliche' Base surface - Dimensions 1057 Ft. long by 24 Ft. Wide by 0.000 Ft. (0 inch) deep/ 9 = 2,818.67 SY @ \$1.00/SY = \$2,818.67 See PS Comment A

6.Using Contract Labor, Equipment and Material - Furnish, Install and Roll a 2 Inch deep HMAC TYPE "D" Asphalt wear surface. - Dimensions 1057 Ft. long by 24 Ft. Wide by 0.167 Ft. (2 inch) deep/ 9 = 2,818.67SY @ \$10.80/SY = \$30,441.60 See PS Comment A

7.Using Contractor Labor, Equipment and Materials Provide Traffic Safety and Control
Lump Sum = \$5,000.00

Summary Estimated Contract Base Cost \$81,385.87

Site 5 of 7

DAMAGED FACILITY:

Site 15. Alamo St.

COUNTY: Hidalgo

LOCATION:

Current Version:
Site # 15 Lat.: 26.18414 Long.: -98.01614 to Lat.: 26.18720 Long.: -98.01620 Alamo St. in Weslaco, TX 78596.

LATITUDE:

26.18414
26.1872

LONGITUDE:

-98.01614
-98.0162

DAMAGE DESCRIPTION AND DIMENSIONS:

Current Version:

During the Declared event period, standing floodwaters at a depth of 2 Ft. submerged this section of paved roadway for a period of longer than Three (3) Weeks. Water saturated the base material (Caliche) which caused the road wear surface (Asphalt) to severely undulate, rut and delaminate. To restore the road to pre event form and function, the Applicant will the need to replace the following:

- Caliche Base – Dimensions 1078 Ft. long by 24 Ft. Wide by 0.500 Ft. (6 inch) deep / 9 = 2,874.67 SY
- Asphalt Wear Surface - Dimensions 1078 Ft. long by 24 Ft. Wide by 0.167 Ft. (2 inch) deep / 9 = 2,874.67 SY

This road, while in fair condition is nonetheless recommended as eligible damages, the rationale for this recommendation is based on the FEMA PA Specialists' inspection, assessment and observations of road sections along this road that were not submerged; these asphalt wear surfaces remained even planed, adhered to the base material; and, intact in spite of exhibiting signs of fair condition throughout. Had this damaged section of road not been submerged for a protracted period of time, the likelihood is it would have remained intact. Therefore the damages are recommended as eligible in accordance with 44 CFR §208.223 (a) (1) (2) (3).
End of DDD

SCOPE OF WORK:

Current Version:

SOW

PS COMMENTS:

- A. Bid Tabulations from MJA Construction, LLC., And TEXAS CORDIA, Bid No. 2016-028-01-27-MSS, Jan. 2016
- B. TEXDOT Average Unit Bid Cost, Nov. 2015-Jan. 2016.

1. 0105-6045
2. 5001-6001
3. 0260-6006

Work to Be Completed

The Applicant will follow its Procurement Policy and use public competitive bid solicitations to hire a Contractor to perform the repairs in accordance with the Scope of Work as detailed in this Sub Grant Application. The FEMA PA Specialist formulated this Damage Description, Scope of Work and Estimates with the cooperation and concurrence of the Applicants' Engineer and Assistant Director of Operations. The FEMA Specialist worked with the Applicants' Assistant Director of Operations and both parties (FEMA and Applicant), working together, inspected and evaluated all sites contained in this project. The FEMA Specialist Estimated the cost of the project using Recent Local Historical Costs for similar work using unit costs from Bid Tabulations from MJA Construction, LLC., and TEXAS CORDIA, Bid No. 2016-028-01-27-MSS, Jan. 2016 and TEXDOT Average Unit Bid Cost, Nov. 2015-Jan. 2016.

Codes and Standards

In 2006 The Applicant (Hidalgo County) adopted a new standard for the Construction and Repair of Roads (Class C Pavement). All Sites on this Project are in the jurisdictional responsibility of Hidalgo County Precinct 1. Hidalgo County Precinct 1 has adopted this new design and implemented it on all new construction and repair projects since it was codified in 2006 by the County Board of Commissioners.

The New Standard (enacted 2006) specifies an Eight (8) Inch depth for Caliche' base material on all paved roads. All of the roads that are contained in this project were built prior to the new standard; and, the existing Caliche' base depth is Six (6) inches. To conform to the standard, the Applicant will specify that the successful Bidder (Contractor) will remove the existing damaged Two (2) Inch Deep Asphalt wear surface plus Four (4) Inch Deep of the existing Six (6) Inch Caliche' Base. The remaining Two (2) Inch deep Caliche will be treated with a 1.5 % Lime Treatment and Contractor will furnish and install another Six (6) Inch deep layer of Caliche' to bring the base to the New Standard Eight (8) Depth specification; Then, apply a Prime Coat and a Two (2) Inch deep Asphalt Wear Surface.

Therefore, since the proposed repairs and scope items meet the stated criteria items 1,2,3,4, and 5 for Codes and Standards as defined on page 19 of The FEMA Public Assistance Policy Digest, and 44 CFR §208.221(i) and §208.226(d) and Page 80 paragraph 2 of The FEMA Public Assistance Guide FEMA 322, This Scope of Work and associated estimated Costs are recommended as eligible in accordance with 44 CFR §208.228 (a) (i) (ii) (2) (f).

Scope Items

1. Using Contract Labor, Equipment and Material - Excavate and haul away for reclamation 2 Inch deep Asphalt wear surface and 4 inches of Caliche' base, Treat existing sub base with 2% lime and compact to achieve proposed sub base. - Dimensions 1078 Ft. long by 24 Ft. Wide by 0.500 Ft. (6 inch) deep/ 9 = 2,874.67 SY @ \$9.19/SY = \$26,418.19 See PS Comments: B (1)

2. Using Contract Labor, Equipment and Material - Install Biaxial Geogrid #1200 material over Sub Base. - Dimensions 1078 Ft. long by 24 Ft. Wide by 0.000 Ft. (0 inch) deep / 9 = 2,874.67 SY @ \$1.31/SY = \$3,765.81 See PS Comment B (2)

3. Using Contract Labor, Equipment and Material - Furnish and install 6" deep compacted Caliche Base Course. Dimensions 1078 Ft. long by 24 Ft. Wide by 0.500 Ft. (6 inch) deep/ 9 = 2,874.67 SY @ \$3.50/SY = \$10,061.33 See PS Comment A

4. Using Contract Labor, Equipment and Material - Furnish and Apply a 1.5 Percent Lime Treatment to the Caliche Base Material. - Dimensions 1078 Ft. long by 24 Ft. Wide by 0.000 Ft. (0 inch) deep/ 9 = 2,874.67SY @ \$1.30/SY = \$3,737.07 See PS Comment B (3)

5. Using Contract Labor, Equipment and Material - Furnish and Apply a Prime Coat (MC-30) (0.2 GAL/SY) Asphaltic material on Caliche' Base surface - Dimensions 1078 Ft. long by 24 Ft. Wide by 0.000 Ft. (0 inch) deep/ 9 = 2,874.67 SY @ \$1.00/SY = \$2,874.67 See PS Comment A

6. Using Contract Labor, Equipment and Material - Furnish, Install and Roll a 2 Inch deep HMAC TYPE "D" Asphalt wear surface. - Dimensions 1078 Ft. long by 24 Ft. Wide by 0.167 Ft. (2 inch) deep/ 9 = 2,874.67 SY @ \$10.60/SY = \$31,048.40 See PS Comment A

7. Using Contractor Labor, Equipment and Materials Provide Traffic Safety and Control
Lump Sum = \$5,000.00

Summary Estimated Contract Base Cost \$82,903.47

Site 6 of 7

DAMAGED FACILITY:

Site 16. Pena St.

COUNTY: Hidalgo

LOCATION:

LATITUDE:

26.18718
26.1872

LONGITUDE:

-98.01726
-98.0162

Current Version:

Site # 16 Lat.: 26.18720 Long.: -98.01620 to Lat.: 26.18718 Long.: -98.01726 Pena St. in Weslaco, TX 78596.

DAMAGE DESCRIPTION AND DIMENSIONS:

Current Version:

DDD

During the Declared event period, standing floodwaters at a depth of 2 Ft. submerged this section of paved roadway for a period of longer than Three (3) Weeks. Water saturated the base material (Caliche) which caused the road wear surface (Asphalt) to severely undulate, rut and delaminate. To restore the road to pre event form and function, the Applicant will need to replace the following:

- Caliche Base – Dimensions 335 Ft. long by 24 Ft. Wide by 0.500 Ft. (6 inch) deep / 9 = 893.33 SY
- Asphalt Wear Surface - Dimensions 335 Ft. long by 24 Ft. Wide by 0.167 Ft. (2 inch) deep / 9 = 893.33 SY

This road, while in fair condition is nonetheless recommended as eligible damages, the rationale for this recommendation is based on the FEMA PA Specialists' Inspection, assessment and observations of road sections along this road that were not submerged; these asphalt wear surfaces remained even planed, adhered to the base material; and, intact in spite of exhibiting signs of fair condition throughout. Had this damaged section of road not been submerged for a protracted period of time, the likelihood is it would have remained intact. Therefore the damages at are recommended as eligible in accordance with 44 CFR §206.223 (a) (1) (2) (3).
End of DDD

SCOPE OF WORK:

Current Version:

SOW

PS COMMENTS:

- A. Bid Tabulations from MJA Construction, LLC., And TEXAS CORDIA, Bid No. 2016-028-01-27-MSS, Jan. 2016
- B. TEXDOT Average Unit Bid Cost, Nov. 2015-Jan. 2016.
 1. 0105-6045
 2. 5001-6001
 3. 0260-6006

Work to Be Completed

The Applicant will follow its Procurement Policy and use public competitive bid solicitations to hire a Contractor to perform the repairs in accordance with the Scope of Work as detailed in this Sub Grant Application. The FEMA PA Specialist formulated this Damage Description, Scope of Work and Estimates with the cooperation and concurrence of the Applicants' Engineer and Assistant Director of Operations. The FEMA Specialist worked with the Applicants' Assistant Director of Operations and both parties (FEMA and Applicant), working together, inspected and evaluated all sites contained in this project. The FEMA Specialist Estimated the cost of the project using Recent Local Historical Costs for similar work using unit costs from Bid Tabulations from MJA Construction, LLC., and TEXAS CORDIA, Bid No. 2016-028-01-27-MSS, Jan. 2016 and TEXDOT Average Unit Bid Cost, Nov. 2015-Jan. 2016.

Codes and Standards

In 2006 The Applicant (Hidalgo County) adopted a new standard for the Construction and Repair of Roads (Class C Pavement). All Sites on this Project are in the jurisdictional responsibility of Hidalgo County Precinct 1. Hidalgo County Precinct 1 has adopted this new design and implemented it on all new construction and repair projects since it was codified in 2006 by the County Board of Commissioners.

The New Standard (enacted 2006) specifies an Eight (8) Inch depth for Caliche' base material on all paved roads. All of the roads that are contained in this project were built prior to the new standard; and, the existing Caliche' base depth is Six (6) Inches. To conform to the standard, the Applicant will specify that the successful Bidder (Contractor) will remove the existing damaged Two (2) Inch Deep Asphalt wear surface plus Four (4) Inch Deep of the existing Six (6) Inch Caliche' Base. The remaining Two (2) Inch deep Caliche will be treated with a 1.5 % Lime Treatment and Contractor will furnish and install another Six (6) Inch deep layer of Caliche' to bring the base to the New Standard Eight (8) Depth specification; Then, apply a Prime Coat and a Two (2) Inch deep Asphalt Wear Surface.

Therefore, since the proposed repairs and scope items meet the stated criteria items 1,2,3,4,and 5 for Codes and Standards as defined on page 19 of The FEMA Public Assistance Policy Digest, and 44 CFR §206.221(i) and §206.226(d) and Page 80 paragraph 2 of The FEMA Public Assistance Guide FEMA 322, This Scope of Work and associated estimated Costs are recommended as eligible in accordance with 44 CFR §206.228 (a) (ii) (iii) (2) (I).

Scope Items

- 1.Using Contract Labor, Equipment and Material - Excavate and haul away for reclamation 2 Inch deep Asphalt wear surface and 4 Inches of Caliche' base, Treat existing sub base with 2% lime and compact to achieve proposed sub base. - Dimensions 335 Ft. long by 24 Ft.

Wide by 0.500 Ft. (6 inch) deep/ 9 =893.33 SY @ \$9.19/SY = \$8,209.73 See PS Comments: B (1)

2.Using Contract Labor, Equipment and Material - Install Biaxial Geogrid #1200 material over Sub Base. - Dimensions 335 Ft. long by 24 Ft. Wide by 0.000 Ft. (0 inch) deep / 9 = 893.33 SY @ \$1.31/SY = \$1,170.27 See PS Comment B (2)

3.Using Contract Labor, Equipment and Material - Furnish and Install 6" deep compacted Caliche Base Course. Dimensions 335 Ft. long by 24 Ft. Wide by 0.500 Ft. (6 inch) deep/ 9 = 893.33 SY @ \$3.50/SY = \$3,126.67 See PS Comment A

4.Using Contract Labor, Equipment and Material - Furnish and Apply a 1.5 Percent Lime Treatment to the Caliche Base Material. - Dimensions 335 Ft. long by 24 Ft. Wide by 0.000 Ft. (0 inch) deep/ 9 = 893.33 SY @ \$1.30/SY = \$1,161.33 See PS Comment B (3)

5.Using Contract Labor, Equipment and Material - Furnish and Apply a Prime Coat (MC-30) (0.2 GAL/SY) Asphaltic material on Caliche' Base surface - Dimensions 335 Ft. long by 24 Ft. Wide by 0.000 Ft. (0 inch) deep/ 9 =893.33 SY @ \$1.00/SY = \$893.33 See PS Comment A

6.Using Contract Labor, Equipment and Material - Furnish, Install and Roll a 2 Inch deep HMAC TYPE "D" Asphalt wear surface. - Dimensions 335 Ft. long by 24 Ft. Wide by 0.167 Ft. (2 inch) deep/ 9 =893.33 SY @ \$10.80/SY = \$9,648.00 See PS Comment A

7.Using Contractor Labor, Equipment and Materials Provide Traffic Safety and Control
Lump Sum = \$5,000.00

Summary Estimated Contract Base Cost \$29,209.33

Site 7 of 7

DAMAGED FACILITY:

Site 17. Marlen St.

COUNTY: Hidalgo

LOCATION:

LATITUDE:

26.18952

26.18956

LONGITUDE:

-98.01981

-98.01638

Current Version:

Site # 17 Lat.: 26.18952 Long.: -98.01981 to Lat.: 26.18956 Long.: -98.01638 Marlen St. in Weslaco, TX 78596.

DAMAGE DESCRIPTION AND DIMENSIONS:

Current Version:

DDD

During the Declared event period, standing floodwaters at a depth of 2 Ft. submerged this section of paved roadway for a period of longer than Three (3) Weeks. Water saturated the base material (Caliche) which caused the road wear surface (Asphalt) to severely undulate, rut and delaminate. To restore the road to pre event form and function, the Applicant will the need to replace the following:

- Caliche Base – Dimensions 1084 Ft. long by 24 Ft. Wide by 0.500 Ft. (6 inch) deep / 9 = 2,890.67 SY
- Asphalt Wear Surface - Dimensions 1084 Ft. long by 24 Ft. Wide by 0.167 Ft. (2 inch) deep / 9 = 2,890.67 SY

This road, while in fair condition is nonetheless recommended as eligible damages, the rationale for this recommendation is based on the FEMA PA Specialists' Inspection, assessment and observations of road sections along this road that were not submerged; these asphalt wear surfaces remained even planed, adhered to the base material; and, intact in spite of exhibiting signs of fair condition throughout. Had this damaged section of road not been submerged for a protracted period of time, the likelihood is it would have remained intact. Therefore the damages are recommended as eligible in accordance with 44 CFR §206.223 (a) (1) (2) (3).

End of DDD

SCOPE OF WORK:

Current Version:

SOW

PS COMMENTS:

- A. Bid Tabulations from MJA Construction, LLC., And TEXAS CORDIA, Bid No. 2016-028-01-27-MSS, Jan. 2016
- B. TEXDOT Average Unit Bid Cost, Nov. 2015-Jan. 2016.
 1. 0105-6045
 2. 5001-6001
 3. 0260-6006

Work to Be Completed

The Applicant will follow its Procurement Policy and use public competitive bid solicitations to hire a Contractor to perform the repairs in accordance with the Scope of Work as detailed in this Sub Grant Application. The FEMA PA Specialist formulated this Damage Description, Scope of Work and Estimates with the cooperation and concurrence of the Applicants' Engineer and Assistant Director of Operations. The FEMA Specialist worked with the Applicants' Assistant Director of Operations and both parties (FEMA and Applicant), working together, inspected and evaluated all sites contained in this project. The FEMA Specialist Estimated the cost of the project using Recent Local

Historical Costs for similar work using unit costs from Bid Tabulations from MJA Construction, LLC., and TEXAS CORDIA, Bid No. 2016-028-01-27-MSS, Jan. 2016 and TEXDOT Average Unit Bid Cost, Nov. 2015-Jan. 2016.

Codes and Standards

In 2006 The Applicant (Hidalgo County) adopted a new standard for the Construction and Repair of Roads (Class C Pavement). All Sites on this Project are in the jurisdictional responsibility of Hidalgo County Precinct 1. Hidalgo County Precinct 1 has adopted this new design and implemented it on all new construction and repair projects since it was codified in 2006 by the County Board of Commissioners. The New Standard (enacted 2006) specifies an Eight (8) Inch depth for Caliche' base material on all paved roads. All of the roads that are contained in this project were built prior to the new standard; and, the existing Caliche' base depth is Six (6) inches. To conform to the standard, the Applicant will specify that the successful Bidder (Contractor) will remove the existing damaged Two (2) Inch Deep Asphalt wear surface plus Four (4) Inch Deep of the existing Six (6) Inch Caliche' Base. The remaining Two (2) Inch deep Caliche will be treated with a 1.5 % Lime Treatment and Contractor will furnish and install another Six (6) Inch deep layer of Caliche' to bring the base to the New Standard Eight (8) Depth specification; Then, apply a Prime Coat and a Two (2) Inch deep Asphalt Wear Surface. Therefore, since the proposed repairs and scope items meet the stated criteria items 1,2,3,4, and 5 for Codes and Standards as defined on page 19 of The FEMA Public Assistance Policy Digest, and 44 CFR §206.221(i) and §206.226(d) and Page 80 paragraph 2 of The FEMA Public Assistance Guide FEMA 322, This Scope of Work and associated estimated Costs are recommended as eligible in accordance with 44 CFR §206.228 (a) (ii) (iii) (2) (i).

Scope Items

1. Using Contract Labor, Equipment and Material - Excavate and haul away for reclamation 2 Inch deep Asphalt wear surface and 4 Inches of Caliche' base, Treat existing sub base with 2% lime and compact to achieve proposed sub base. - Dimensions 1084 Ft. long by 24 Ft. Wide by 0.500 Ft. (6 inch) deep/ 9 = 2,890.67 SY @ \$9.19/SY = \$26,565.23 See PS Comments: B (1)
2. Using Contract Labor, Equipment and Material - Install Biaxial Geogrid #1200 material over Sub Base. - Dimensions 1084 Ft. long by 24 Ft. Wide by 0.000 Ft. (0 inch) deep / 9 = 2,890.67 SY @ \$1.31/SY = \$3,757.67 See PS Comment B (2)
3. Using Contract Labor, Equipment and Material - Furnish and Install 6" deep compacted Caliche Base Course. Dimensions 1084 Ft. long by 24 Ft. Wide by 0.500 Ft. (6 inch) deep/ 9 = 2,890.67 SY @ \$3.50/SY = \$10,117.33 See PS Comment A
4. Using Contract Labor, Equipment and Material - Furnish and Apply a 1.5 Percent Lime Treatment to the Caliche Base Material. - Dimensions 1084 Ft. long by 24 Ft. Wide by 0.000 Ft. (0 inch) deep/ 9 = 2,890.67 SY @ \$1.30/SY = \$3,757.67 See PS Comment B (3)
5. Using Contract Labor, Equipment and Material - Furnish and Apply a Prime Coat (MC-30) (0.2 GAL/SY) Asphaltic material on Caliche' Base surface - Dimensions 1084 Ft. long by 24 Ft. Wide by 0.000 Ft. (0 inch) deep/ 9 = 2,890.67 SY @ \$1.00/SY = \$2,890.67 See PS Comment A
6. Using Contract Labor, Equipment and Material - Furnish, Install and Roll a 2 inch deep HMAC TYPE "D" Asphalt wear surface. - Dimensions 1084 Ft. long by 24 Ft. Wide by 0.167 Ft. (2 inch) deep/ 9 = 2,890.67 SY @ \$10.80/SY = \$31,219.20 See PS Comment A
7. Using Contractor Labor, Equipment and Materials Provide Traffic Safety and Control
Lump Sum = \$5,000.00

Summary Estimated Contract Base Cost \$83,308.16

PROJECT NOTES:

DIRECT ADMINISTRATIVE COSTS: Direct Administrative Cost for work to be completed estimated at \$4,125.00 using 2015 Consumer Price Index Matrix- See Attachment. The Sub grantee requested Direct Administrative Cost (DAC) that are directly chargeable to this project. Associated work is related administration of the PA project only and in accordance with 2 CFR 200.413. These cost are treated consistently and uniformly as direct cost in all federal awards and other sub grantee activities and are not included in any approved indirect cost rates.

HAZARD MITIGATION: Hazard Mitigation under section 406 has been considered for this project and due to the type of work or project, effective mitigation is not feasible within the requirements of 44 CFR 206.228(c).

PROCUREMENT: The Applicant was advised by FEMA PAC and/or Project Specialist that in the seeking of proposals and letting of contracts for eligible work, the Applicant must comply with its Local, State and/or Federal procurement laws, regulations, and procedures as required by 2 CFR 317-326.

RECORD RETENTION: As described in 2 CFR 200.33 Sub grantee Federal Emergency Management Agency E-Grants Page 5 of 16 must maintain all work-related records for a period of three (3) years from Sub grantee closure (final payment), all records relative this project worksheet are subject to examination and audit by the State, FEMA and the Comptroller General of the United States and must reflect work related to disaster specific costs.

PERMITS: Federal Funding is contingent upon acquiring all necessary Federal, State and Local permits. Noncompliance with this requirement may jeopardize the receipt of federal funds. The applicant is responsible for obtaining all required permits prior to the commencement of work.

ENVIRONMENTAL AND HISTORIC PRESERVATION: Applicant must comply with all applicable environmental and historic preservation laws. Federal funding is contingent upon acquiring all necessary Federal, State and Local permits. Noncompliance with this requirement may jeopardize the receipt of federal funds.

CHANGES TO SCOPE OF WORK DESCRIBED IN THIS PW/SA (SUBGRANT APPLICATION): The applicant shall comply with all applicable codes and standards in the completion of eligible work to repair or replace damaged public facilities. Any change to the approved scope of work on a Project Worksheet (PW/SA) must be reported and approved before work begins. Failure to report changes may jeopardize Federal and State funding. In case of a change in scope of work, the applicant shall notify the Texas Division of Emergency Management program representative prior to starting work.

INSURANCE REVIEW: The applicant is aware that all projects are subject to an insurance review as stated in 44 C.F.R. Sections 206.252 and 206.253. If applicable, an insurance determination will be made either as anticipated proceeds or actual proceeds in accordance with the applicant's insurance policy which may affect the total amount of the project. Approval of this project may result in an obtain/maintain insurance requirement. The Sub grantee must comply with insurance reviewer terms and conditions upon receipt of sub-grant from the State.

COST BASIS FOR LABOR, EQUIPMENT AND MATERIALS: Costs used to formulate this project were based on:
 - Bid Tabulations Bid No. 2016-028-01-27-MSS, furnished by Hidalgo County Pct. 1
 - TEXDOT Unit Bid Cost

AUDIT STATEMENT: All documentation related to this project worksheet is subject to audit and must reflect disaster – related work and project – specific cost. The applicant has been advised of responsibility to maintain supporting documentation (records). The type of records to be maintained is specified in FEMA policy 2 CFR Subpart F, Audit Requirements. Records must be maintained for three 3 years from the date the last project was completed or from the date final payment was received, whichever is later.

75% FEDERAL FUNDING: In accordance with FEMA policy 9523.9 and current disaster declaration determinations, this project worksheet will be funded with the Federal Cost share at 75% of all eligible costs.

By accepting this grant the Applicant to the best of their ability acknowledges that all damages described within this Sub-grant Application and all associated costs being claimed were a direct result of the declared event, and in connection with the incident period of 10/22 to 10/31/2015 with the exception of requests for alternate or improved projects.

SMALL PROJECTS, ANY CATEGORY: For small projects FEMA pays based on the actual or estimated cost in order to expedite the funds (Digest pg. 121.) FEMA does not perform final inspections on small projects; however, the state must certify compliance. The applicant does have the ability to request a small project netting (appeal) if/when significant net small over-runs occur. This process will involve a review of all documentation for all small projects and an adjustment will be made for the total actual eligible dollars spent (over-run/under-run). A final Project Worksheet will then be required in EMMIE to capture all the eligible PA costs for the small projects.

SMALL PROJECT CHANGE REQUEST: Change requests to small project worksheets will not be approved unless there is a change in the approved scope of work. This change must be approved prior to the construction. If after completion of all small projects the applicant incurs a significant net small project overrun, the applicant must file an appeal within 60 day of completion of the applicant's last small project. All requests must be submitted through the grantee.

Does the Scope of Work change the pre-disaster conditions at the site? Yes <input checked="" type="checkbox"/> No	Special Considerations included? Yes <input checked="" type="checkbox"/> No
Hazard Mitigation proposal included? Yes <input checked="" type="checkbox"/> No	Is there insurance coverage on this facility? Yes <input checked="" type="checkbox"/> No

PROJECT COST

ITEM	CODE	NARRATIVE	QUANTITY/UNIT	UNIT PRICE	COST
		*** Version 0 ***			
		Work To Be Completed			
		Site 1 Site 11. Las Nubes St. Work			

1	9888	To Be Completed	1/LS	\$ 39,314.62	\$ 39,314.62
2	9888	Site 2 Site 12. Old River Rd. Work To Be Completed	1/LS	\$ 223,963.73	\$ 223,963.73
3	9888	Site 3 Site 13. Quintero St. Work To Be Completed	1/LS	\$ 88,494.40	\$ 88,494.40
4	9888	Site 4 Site 14. Bustamante St. Work To Be Completed	1/LS	\$ 81,385.87	\$ 81,385.87
5	9888	Site 5 Site 15. Alamo St. Work To Be Completed	1/LS	\$ 82,903.47	\$ 82,903.47
6	9888	Site 6 Site 16. Pena St. Work To Be Completed	1/LS	\$ 29,209.33	\$ 29,209.33
7	9888	Site 7 Site 17. Marlen St. Work To Be Completed	1/LS	\$ 83,308.16	\$ 83,308.16
8	9901	Direct Administrative Costs (Subgrantee)	1/LS	\$ 4,125.00	\$ 4,125.00
				TOTAL COST	\$ 632,704.58
PREPARED BY LARRY L GLADDEN			TITLE Project Specialist	SIGNATURE <i>Larry L Gladden</i>	
* APPLICANT REP. RICARDO SALDANA			TITLE EMER MGR	SIGNATURE <i>Ricardo Saldana</i>	

* ALTERNATE POINT OF CONTACT ON RPA, *1/1*
 HID006C - PN # 150 - 4245 TX