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September 12, 2018
 31595

Jeff Durham, P.E.
 Collin County Engineering Department
 4690 Community Ave., Suite 200
 McKinney, TX 75071

RE: Dallas North Tollway Southbound Frontage Road – Change Order #1

Dear Mr. Durham:

Half recommends the following change order #1 modifications to the Dallas North Tollway Southbound Frontage Road project.

DEDUCTIONS									
ITEM NO.	SPEC REF	SP	ITEM DESCRIPTION	PREVIOUS QUANTITY	REVISION	REVISED QUANTITY	UNIT	CONTRACT CHANGE	
								UNIT COST	SUBTOTAL COST
4	110		EXCAVATION (ROADWAY)	90,296	(90,296)	0	CY	\$ 6.00	\$ (541,776.00)
6	132	002	EMBANKMENT (FINAL)(DENS CONT)(TYC)	144,082	(15,788)	128,294	CY	\$ 2.00	\$ (31,576.00)
13	315		FOG SEAL (SS-1)	12,542	(12,542)	0	GAL	\$ 3.65	\$ (45,778.30)
184	856		MOISTURE TREATED SUBGRADE	101,659	(27,618)	74,041	CY	\$ 1.25	\$ (34,522.50)
185	857		QUICKLIME (SLURRY)	3,011	(3,011)	0	TN	\$ 140.00	\$ (421,540.00)
186	857		STABILIZED SUBGRADE (LIME) (8")	125,402	(125,402.00)	0	SY	\$ 3.10	\$ (388,746.20)
TOTAL DEDUCT:									\$ (1,483,939.00)
ADDITIONS									
ITEM NO.	DESC.	SP	ITEM DESCRIPTION	PREVIOUS QUANTITY	REVISION	REVISED QUANTITY	UNIT	CONTRACT CHANGE	
								UNIT COST	SUBTOTAL COST
2	104		REMOVING CONC (PAV)	11,970	145	12,115	SY	\$ 6.00	\$ 870.00
206	110		EXCAVATION (ROADWAY)	0	102,156	102,156	CY	\$ 5.30	\$ 541,426.80
207	247		FLEX BASE TYPE D GRADE 1 OR 2 WITH 8 MIL POLY	0	125,402	125,402	SY	\$ 7.35	\$ 921,704.70
TOTAL ADDITIONS:									\$ 1,464,001.50
NET INCREASE / (DECREASE) THIS CHANGE ORDER									\$ 62.50

These changes are based on the Contractor's attached proposal dated August 25, 2018 and additional concrete removal due to changed site conditions. Additionally, and based on correspondence with the Contractor, we recommend that the County reduce the calendar day completion requirements for substantial completion of the project from 600 calendar days to 500 calendar days and reduction of final completion from 700 calendar days to 600 calendar days, a 100 calendar day reduction for each.

Should you have any questions or require any additional information, do not hesitate to contact me.

Sincerely,
 HALFF ASSOCIATES, INC.

Dennis Satre, P.E.
 Vice President



August 25, 2018

Collin County Administration Building
2300 Bloomdale Road, Suite 3160
McKinney, Texas 75071

ATTENTION: Mr. Jeff Durham, PE
Collin County Project Manager

PROJECT: IFB No. 2018-203
Dallas North Tollway SB Frontage Road
US 380 to FM 428

LOCATION: Collin County, Texas

**RE: Proposal for Flex Base Ty D Gr 1-2 and 8 Mil Black Poly in Place of Fog Seal (SS-1),
Quicklime (Slurry) and Stabilized Subgrade (Lime)(8")**

Mr. Durham,

Based upon comments from HALFF Associates, Inc. and recommendations from the geo-technical firm HVJ Associates, MSSEI would like update its no cost alternative design for the roadway subgrade on the Dallas North Tollway Southbound Frontage Road Project. The proposed substitution of the Fog Seal (SS-1), Quicklime (Slurry) and the Stabilized Subgrade (Lime)(8") layer within the proposed pavement section includes a 8 inch layer of Flex Base Type D Grade 1-2 and 8 Mil Black Poly under the Flex Base in all moisture conditioned areas on the Frontage Road and a 10 inch layer of Flex Base and 8 Mil Black Poly at the cross streets of First Street, Frontier Parkway, Light Farms Way and Collin County Outer Loop.

The use of Flex Base in place of the Fog Seal (SS-1), Quicklime (Slurry) and the Stabilized Subgrade (Lime)(8") layer will reduce MSSEI's overall construction schedule by approximately four months.

PROJECT: Dallas North Tollway SB Frontage Road

RE: Proposal for Flex Base Ty D Gr 1-2 and 8 Mil Black Poly in Place of Fog Seal (SS-1), Quicklime (Slurry) and Stabilized Subgrade (Lime)(8")

The Bid Items and revised quantities, showing no increased cost to Collin County, are as listed below:

Bid Item	Description	Quantity	Unit	Unit Bid	Total Bid
4	EXCAVATION (ROADWAY) (BID UNIT RATE)	(90,296.00)	CY	6.00 \$	(541,776.00)
4	EXCAVATION (ROADWAY) (REVISED UNIT RATE)	102,156.00	CY	5.30 \$	541,776.00
6	EMBANKMENT (FINAL)(DENS CONT)(TY C)	(15,788.00)	CY	2.00 \$	(31,576.00)
184	MOISTURE TREATED SUBGRADE 24"	(27,618.00)	CY	1.25 \$	(34,522.50)
13	FOG SEAL (SS-1)	(12,542.00)	gal	3.65 \$	(45,778.30)
185	QUICKLIME (SLURRY)	(3,011.00)	TN	140.00 \$	(421,540.00)
186	STABILIZED SUBGRADE (LIME)(8")	(125,402.00)	SY	3.10 \$	(388,746.20)
200	FLEX BASE TY D GR 1-2 / WITH 8 MIL POLY	125,402.00	SY	7.35 \$	922,163.00
TOTAL CHANGE TO OVERALL CONTRACT VALUE = \$					(0.00)

We appreciate your timely consideration of this proposal. Should you have any questions, or need clarification regarding this proposal, please feel free to contact me.

Sincerely,
MARIO SINACOLA & SONS EXCAVATING, INC.



Michael Sinacola
Vice President