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ITEM 690 - SPECIAL, MISC.: ASPHALT PENETRATING SEALER

THE OHIO DEPARTMENT OF TRANSPORTATION (ODOT) HAS INVESTIGATED THE BENEFITS OF USING VARIOUS ASPHALT SEALERS. THE THREE PRODUCTS TO BE EVALUATED ARE:

RECLAMITE PAVEMENT TECHNOLOGY, INC.
24144 DETROIT ROAD
WESTLAKE, OHIO 44145
DAVE HELM
1-800-333-6309
CELL: 937-239-2756

BIORESTOR
ASPHALT SYSTEMS, INC.
2150 WEST MICHIGAN STREET
P.O. BOX 232
SIDNEY, OHIO 45365
MIKE FREISTHLER
1-800-729-8094
CELL: 937-726-0831

STAR SEAL
1150 MILEPOST DRIVE
COLUMBUS, OH 43228
1-800-759-1912
OFFICE: 614-870-0744
CELL: 614-439-1587

THE ASPHALT CONCRETE PAVING CONTRACTOR SHALL COORDINATE WITH THE ASPHALT SEALER REPRESENTATIVES ON THE APPLICATION OF THESE THREE PRODUCTS.

THE CONTRACTOR SHALL PROVIDE ONSITE TRAFFIC CONTROL FOR THE APPLICATION AND TESTING OF THE PRODUCTS TO BE APPLIED. ALL LABOR AND MATERIALS NECESSARY TO PROVIDE TRAFFIC CONTROL SHALL BE INCLUDED IN ITEM 614 - MAINTAINING TRAFFIC.

APPLICATION OF COVER AGGREGATE

COVER AGGREGATE SHALL ONLY BE USED AS DIRECTED BY THE ENGINEER IN THE EVENT THE ASPHALT SEALER DOES NOT CURE IN A REASONABLE AMOUNT OF TIME (PER THE MANUFACTURER'S RECOMMENDATION), IF ADEQUATE PENETRATION DOES NOT OCCUR LEAVING EXCESS MATERIAL ON THE SURFACE OF THE PAVEMENT OR IF APPLICATION IS REQUIRED TO FACILITATE THE OPENING OF LANES TO TRAFFIC. IF SAND IS APPLIED, ANY ADDITIONAL COSTS FOR CLEANUP INCLUDING BROOMING OR SWEEPING OF EXCESS AGGREGATE OFF THE PAVEMENT WILL BE INCIDENTAL TO THIS ITEM OF WORK.

METHOD OF MEASUREMENT

THE DEPARTMENT WILL MEASURE ASPHALT PENETRATING SEALER BY THE NUMBER OF SQUARE YARDS WHICH HAVE MATERIAL APPLIED.

APPLICATION OF ASPHALT PENETRATING SEALERS

APPLICATION RATE SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS FOR THIS PROJECT.

BASIS OF PAYMENT

THE COST OF COVER AGGREGATE AND ANY WATER TO DILUTE THE ASPHALT SEALER MATERIAL IS INCIDENTAL TO ITEM SPECIAL: ASPHALT PENETRATING SEALER.

THE DEPARTMENT WILL PAY FOR ACCEPTED QUANTITIES AT THE CONTRACT PRICES AS FOLLOWS:

ITEM 690, 98300 - SPECIAL, MISC.: ASPHALT PENETRATING SEALER, QUANTITY = 17,200 SY

CALCULATED
CCW
CHECKED
CSR

GENERAL NOTES - RESEARCH DATA

ALL - SHAWNEE RD

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SHEET NUM.										PART.		ALT	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
6	10	11	12	13						01/SAE/O T	02/NFP/ OT	(X)	EXT	TOTAL				
PAVEMENT ALTERNATES																		
											17,200	X	SPECIAL	69098300	17,200	SY	SPECIAL, MISC.: ASPHALT PENETRATING SEALER (RECLAMITE) (ALTERNATE 1)	6
											17,200	X	SPECIAL	69098300	17,200	SY	SPECIAL, MISC.: ASPHALT PENETRATING SEALER (BIORESTOR) (ALTERNATE 2)	6
											17,200	X	SPECIAL	69098300	17,200	SY	SPECIAL, MISC.: ASPHALT PENETRATING SEALER (STAR SEAL) (ALTERNATE 3)	6
TRAFFIC CONTROL																		
		12									12		621	00101	12	EACH	RPM, AS PER PLAN	2
				3							3		625	32000	3	EACH	GROUND ROD	
				54							54		630	03100	54	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
				88							88		630	07600	88	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X12	
				4							4		630	09000	4	EACH	BREAKAWAY STRUCTURAL BEAM CONNECTION	
				1							1		630	72520	1	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 7	
				2							2		630	72540	2	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 12	19
				100							100		630	80100	100	SF	SIGN, FLAT SHEET	
				182							182		630	80200	182	SF	SIGN, GROUND MOUNTED EXTRUSHEET	
				4							4		630	84500	4	EACH	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	
				3							3		630	84510	3	EACH	RIGID OVERHEAD SIGN SUPPORT FOUNDATION	
				3							3		630	80510	3	EACH	SIGN, STREET NAME	
				15							15		630	84900	15	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
				4							4		630	85100	4	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
				12							12		630	86002	12	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
				8							8		630	86011	8	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION, AS PER PLAN	2
	16		44								60		646	10400	60	FT	STOP LINE	
	218	120	201								539		646	10500	539	FT	CROSSWALK LINE	
			119								119		646	10600	119	FT	TRANSVERSE/DIAGONAL LINE, WHITE	
	214		294								508		646	10600	508	FT	TRANSVERSE/DIAGONAL LINE, YELLOW	
	127										127		646	10800	127	SF	ISLAND MARKING	
	14	6	7								27		646	20300	27	EACH	LANE ARROW	
	106	88									194		646	20800	194	FT	YIELD LINE	
		6									6		646	20400	6	EACH	WORD ON PAVEMENT, 72"	
TRAFFIC CONTROL ALTERNATES																		
	0.07	0.02	0.04								0.13	X	807	12010	0.13	MILE	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6", WHITE (ALTERNATE 1)	
	0.24	0.12	0.08								0.44	X	807	12010	0.44	MILE	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6", YELLOW (ALTERNATE 1)	
	0.06	0.04	0.01								0.11	X	807	12110	0.11	MILE	WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6", SOLID (ALTERNATE 1)	
	0.18		0.44								0.62	X	807	12200	0.62	MILE	WET REFLECTIVE EPOXY PAVEMENT MARKING, CENTER LINE (ALTERNATE 1)	
	0.2										0.2	X	807	12200	0.2	MILE	WET REFLECTIVE EPOXY PAVEMENT MARKING, CENTER LINE, 2-WAY LEFT TURN (ALTERNATE 1)	
	254	694	237								1,185	X	807	12410	1,185	FT	WET REFLECTIVE EPOXY PAVEMENT MARKING, DOTTED LINE, 6" (ALTERNATE 1)	
	115		293								408	X	807	12300	408	FT	WET REFLECTIVE EPOXY PAVEMENT MARKING, CHANNELIZING LINE, 8" (ALTERNATE 1)	
	0.75	0.18	0.57								1.5	X	850	10010	1.5	MILE	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (ALTERNATE 1)	
	254	694	237								1,185	X	850	10110	1,185	FT	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT) (ALTERNATE 1)	
	115		293								408	X	850	10120	408	FT	GROOVING FOR 8" RECESSED PAVEMENT MARKING, (ASPHALT) (ALTERNATE 1)	
	0.07	0.02	0.04								0.13	X	646	10010	0.13	MILE	EDGE LINE, 6", WHITE (ALTERNATE 2)	
	0.24	0.12	0.08								0.44	X	646	10010	0.44	MILE	EDGE LINE, 6", YELLOW (ALTERNATE 2)	
	0.06	0.04	0.01								0.11	X	646	10110	0.11	MILE	LANE LINE, 6", SOLID (ALTERNATE 2)	
	0.18		0.44								0.62	X	646	10200	0.62	MILE	CENTER LINE (ALTERNATE 2)	
	0.2										0.2	X	646	10200	0.2	MILE	CENTER LINE, 2-WAY LEFT TURN (ALTERNATE 2)	
	254	694	237								1,185	X	646	20504	1,185	FT	DOTTED LINE, 6" (ALTERNATE 2)	
	115		293								408	X	646	10300	408	FT	CHANNELIZING LINE, 8" (ALTERNATE 2)	

CALCULATED	CSW	CHECKED	CSR	GENERAL SUMMARY
2				
ALL-SHAWNEE RD				8
				21