

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: 08190514 Call Order: 007 Proposal: E8R77 District:08

Counties: MARTIN, ST LUCIE

Road Name: TPK ML RECONSTRUCT, SAFETY IMPROVEMENTS, BRIDGE IMPROVEMENTS

Limits: 94470000

Project(s): 43798615201(*) Federal Aid No: N/A

Project(s): 43798635201 Federal Aid No: N/A

Project(s): 43798645201 Federal Aid No: N/A

Total Roadway Length:	30.294 Miles	Contract Days:	738
Total Bridge Length:	0.293 Miles	Letting Date:	05/14/19
Total Proposal Length:	30.587 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	90

Proposal Budget Estimate: \$33,761,724.00

Please read the full advertisement

Description:

Work consists of providing all labor, materials, equipment and incidentals necessary for milling and resurfacing, guardrail, drainage and lighting improvements, culvert repairs, bridge bearing replacement, bridge expansion joints and deck repair, and signing and pavement markings on Florida's Turnpike Mainline (SR 91) from MP 138.037 to MP 153.230, Exit 138 (Becker Road) interchange, Exit 142 (Port St. Lucie Boulevard) and Exit 152 (SR 70/Okeechobee Road) interchange in Martin and St. Lucie Counties. No Pre-Bid Conference. Contractor must be prequalified in Hot Plant-Mixed Bituminous Courses.

The summary of pay items for this project is listed in the Plans.

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ALT	Item	Description	Unit	Quantity
Section 0001 Structures				
	0400- 32-	CONCRETE FOR JOINT REPAIR	CY	15.600
	0400-140- 2	NEOPRENE PAD REPLACEMENT, ABUTMENT	EA	38.000
	0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB	2,608.000
	0458- 1- 21	BRIDGE DECK EXPANSION JOINT, REHABILITATION, Poured JOINT WITH BACKER ROD	LF	2,554.000
	0458- 2-	POLYMER NOSING FOR BRIDGE DECK EXPANSION JOINT	CF	525.200
	0460- 71- 1	METAL TRAFFIC RAILING, THRIE BEAM RETROFIT	LF	769.000
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (43798615201)	LS	1.000
	0101- 1-	MOBILIZATION (43798635201)	LS	1.000
	0101- 1-	MOBILIZATION (43798645201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43798615201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43798635201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43798645201)	LS	1.000
	0102- 2- 1	SPECIAL DETOUR 1 (43798615201)	LS	1.000
	0102- 2- 2	SPECIAL DETOUR 2 (43798615201)	LS	1.000
	0102- 60-	WORK ZONE SIGN	ED	39,500.000
	0102- 62-	BARRIER MOUNTED WORK ZONE SIGN- INDEX 11871/700-013	ED	8,092.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	2,013.000
	0102- 71- 16	TEMPORARY BARRIER, F&I, FREE STANDING	LF	8,800.000

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ALT	Item	Description	Unit	Quantity
	0102- 71-101	TEMPORARY MOVABLE BARRIER. PROJECT 437986-4-52-01	LF	62.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	95,701.000
	0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	108.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	821.000
	0102- 78-	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA	6,847.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	24.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	3,799.000
	0102-150- 1	PORTABLE REGULATORY, SIGN	ED	1,624.000
	0102-150- 2	RADAR SPEED DISPLAY UNIT	ED	1,624.000
	0102-911- 2	PAVEMENT MARKING REMOVABLE TAPE, WHITE OR BLACK,SOLID	LF	825.000
	0102-912- 2	PAVEMENT MARKING REMOVABLE TAPE, YELLOW, SOLID	LF	825.000
	0104- 10- 3	SEDIMENT BARRIER	LF	144,902.000
	0104- 11-	FLOATING TURBIDITY BARRIER	LF	370.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	143.000
	0107- 1-	LITTER REMOVAL	AC	11,347.120
	0107- 2-	MOWING	AC	8,057.150
	0110- 1- 1	CLEARING & GRUBBING (43798635201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	278.000
	0120- 1-	REGULAR EXCAVATION	CY	708.000
	0120- 6-	EMBANKMENT	CY	2,584.000
	0160- 4-	TYPE B STABILIZATION	SY	2,394.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	575.000
	0285-702-	OPTIONAL BASE, BASE GROUP 02	SY	667.000
	0285-703-	OPTIONAL BASE, BASE GROUP 03	SY	330.000
	0285-706-	OPTIONAL BASE, BASE GROUP 06	SY	312.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	160.000
	0327- 70- 1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	SY	138,016.000
	0327- 70- 2	MILLING EXIST ASPH PAVT, 3 1/2" AVG DEPTH	SY	85,549.000
	0327- 70- 3	MILLING EXIST ASPH PAVT, 4 1/2" AVG DEPTH	SY	2,328.000
	0327- 70- 4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	SY	5,635.000
	0327- 70- 5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	SY	3,884.000
	0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	46,567.000
	0327- 70- 7	MILLING EXIST ASPH PAVT, 4" AVG DEPTH	SY	55,932.000
	0327- 70- 8	MILLING EXIST ASPH PAVT, 2 1/2" AVG DEPTH	SY	399.000
	0327- 70- 9	MILLING EXIST ASPH PAVT, 5 1/4" AVG DEPTH	SY	28,111.000
	0327- 70- 10	MILLING EXIST ASPH PAVT, 5" AVG DEPTH	SY	2,369.000
	0327- 70- 11	MILLING EXIST ASPH PAVT, 2 1/4" AVG DEPTH	SY	82,189.000
	0327- 70- 12	MILLING EXIST ASPH PAVT, 1 1/4" AVG DEPTH	SY	296.000
	0327- 70- 13	MILLING EXIST ASPH PAVT, 1 3/4" AVG DEPTH	SY	1,827.000
	0327- 70- 15	MILLING EXIST ASPH PAVT, 2 3/4" AVG DEPTH	SY	20,404.000
	0327- 70- 17	MILLING EXIST ASPH PAVT, 3 1/4" AVG DEPTH	SY	117,653.000
	0327- 70- 18	MILLING EXIST ASPH PAVT, 5 1/2" AVG DEPTH	SY	1,002.000
	0327- 70- 20	MILLING EXIST ASPH PAVT, 3 3/4" AVG DEPTH	SY	7,146.000
	0327- 70- 22	MILLING EXISTING ASPHALT PAVEMENT, 4 1/4" AVG DEPTH	SY	40,378.000
	0327- 70- 23	MILLING EXIST ASPH PAVT, 6" AVG DEPTH	SY	1,333.000

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ALT	Item	Description	Unit	Quantity
	0327- 70- 26	MILLING EXIST ASPH PAVT, 4 3/4" AVG DEPTH	SY	64,879.000
	0327- 70- 27	MILLING EXIST ASPH PAVT, 5 3/4" AVG DEPTH	SY	60,512.000
	0327- 70- 29	MILLING EXIST ASPH PAVT, 6 1/4" AVG DEPTH	SY	52,175.000
	0334- 1- 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	40,179.500
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	418.700
	0334- 1- 14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	TN	42,499.700
	0334- 1- 52	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, PG76-22	TN	1,469.200
	0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	961.600
	0334- 1- 54	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC D, PG76-22	TN	44,176.600
	0334- 1- 58	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC D, HIGH POLYMER	TN	3,607.300
	0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	19,633.600
	0337- 7- 26	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, HIGH POLYMER	TN	493.500
	0337- 7- 82	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22	TN	6.900
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	893.400
	0352- 70-	GRINDING CONCRETE PAVEMENT	SY	125.000
	0401- 70- 3	RESTORE SPALLED AREAS, LATEX MODIFIED MORTAR- ACRYLIC	CF	50.000
	0401- 70- 7	RESTORE SPALLED AREAS, SHOTCRETE	CF	2,281.000
	0411- 1-	EPOXY MATERIAL FOR CRACK INJECTION- STRUCTURES REHAB	GA	11.000
	0411- 2-	CRACKS INJECT & SEAL- STRUCTURES REHAB	LF	354.000
	0425- 1-701	INLETS, GUTTER, TYPE S, <10'	EA	2.000
	0430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	229.000
	0430-611-325	U-ENDWALL WITH BAFFLES, INDEX 261/430-011, 1:2 SLOPE, 18"PIPE	EA	1.000
	0430-950-	DESILTING CONCRETE BOX CULVERT	CY	642.600
	0520- 6-	SHOULDER GUTTER- CONCRETE	LF	619.000
	0521- 1-104	MEDIAN CONCRETE BARRIER, 32" F-SHAPE, PROJECT 437986-3-52-01	LF	1,200.000
	0521- 72- 40	SHOULDER CONCRETE BARRIER, 38" OR 44" HEIGHT	LF	119.000
	0524- 1- 29	CONCRETE DITCH PAVEMENT, 4", REINFORCED	SY	297.000
	0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	5.500
	0536- 1- 0	GUARDRAIL -ROADWAY, GENERAL/LOW SPEED TL-2	LF	113.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	10,343.000
	0536- 1- 3	GUARDRAIL- ROADWAY, DOUBLE FACE	LF	125.000
	0536- 7- 2	SPECIAL GUARDRAIL POST- SPECIAL STEEL POST FOR CONCRETE STRUCTURE MOUNT	EA	10.000
	0536- 7- 3	SPECIAL GUARDRAIL POST- ENCASED POST FOR SHALLOW MOUNT	EA	213.000
	0536- 8- 12	APPROACH TRANSITION CONNECTION TO RIGID BARRIER, FURNISH AND INSTALL, TL-2	EA	2.000
	0536- 8- 13	APPROACH TRANSITION CONNECTION TO RIGID BARRIER, FURNISH AND INSTALL, TL-3	EA	13.000
	0536- 73-	GUARDRAIL REMOVAL	LF	9,384.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	8.000
	0536- 85- 25	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE TYPE II	EA	10.000
	0536- 85- 28	GUARDRAIL END TREATMENT- DOUBLE FACE TYPE II TRAILING ANCHORAGE	EA	1.000
	0538- 1-	GUARDRAIL RESET	LF	50.000

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ALT	Item	Description	Unit	Quantity
	0544- 75- 1	CRASH CUSHION	EA	6.000
	0546- 72- 1	GROUND-IN RUMBLE STRIPS, 16"	GM	58.948
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	69,931.000
	0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	2.000
	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	2.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	41.720
	0710- 11-103	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE MARKINGS, 12"	GM	2.369
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	2,067.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	31.575
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	12.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	33.469
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	123.000
	0999- 16-	PARTNERING, DO NOT BID (43798615201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43798615201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43798635201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43798645201)	LS	1.000
Section 0003 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	16.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	50.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	5.000
	0700- 1- 25	SINGLE POST SIGN, F&I BARRIER MOUNT INDEX 11871/0700-013, 21-30 SF SHEETING AREA FOR BACK TO BACK SIGNS	AS	3.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	61.000
	0700- 2- 13	MULTI- POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	2.000
	0700- 2- 14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS	3.000
	0700- 2- 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS	6.000
	0700- 2- 16	MULTI- POST SIGN, F&I GROUND MOUNT, 101-200 SF	AS	11.000
	0700- 2- 17	MULTI- POST SIGN, F&I GROUND MOUNT, 201-300 SF	AS	10.000
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	30.000
	0700- 3-102	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 12-20 SF	EA	20.000
	0700- 3-106	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 101-200 SF	EA	1.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	1.000
	0700- 3-203	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 21-30 SF	EA	3.000
	0700- 3-205	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 51-100 SF	EA	2.000
	0700- 3-206	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF	EA	4.000
	0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	3.000
	0700- 3-504	SIGN PANEL, RELOCATE, 31-50 SF	EA	2.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1.000
	0700- 3-603	SIGN PANEL, REMOVE, 21-30 SF	EA	3.000
	0700- 3-606	SIGN PANEL, REMOVE, 101-200 SF	EA	1.000

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ALT	Item	Description	Unit	Quantity
	0700- 3-625	SIGN PANEL, REMOVE, 51-100 SF WITH LIGHTING	EA	1.000
	0700- 3-626	SIGN PANEL, REMOVE, 101-200 SF WITH LIGHTING	EA	4.000
	0700- 3-627	SIGN PANEL, REMOVE PANEL, 201-300 SF WITH LIGHTING	EA	1.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	5.000
	0705- 10- 3	OBJECT MARKER, TYPE 3	EA	30.000
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	486.000
	0705- 11- 3	DELINEATOR, FLEXIBLE HIGH VISABILITY MEDIAN	EA	11.000
	0705- 11- 4	DELINEATOR, FLEXIBLE HIGH PERFORMANCE 48"	EA	13.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43798615201)	LS	1.000
	0711- 11-103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	GM	2.369
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	2,067.000
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	12.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	123.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	5.000
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	33.304
	0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	31.575
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	33.469
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.482
	0713-103-131	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.531
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.480
	0713-103-331	PERMANENT TAPE, BLACK, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.531
	0713-107-	PREFORMED/PERMANENT TAPE, REMOVE	SF	3,969.000
Section 0004 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	16,797.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	523.000
	0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF	1,387.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	138.000
	0635- 3- 12	JUNCTION BOX, FURNISH & INSTALL, MOUNTED	EA	16.000
	0639- 1-121	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER COMPANY	AS	2.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	186.000
	0639- 2- 6	ELECTRICAL SERVICE WIRE, REMOVE	LF	185.000
	0639- 8- 8	ELECTRICAL POWER SERVICE- CONTRIBUTION IN AID OF CONSTRUCTION (CIAC), PROJECT 437986-3-52-01 (DO NOT BID)	LS	1.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	2.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	73,254.000
	0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	58,614.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	61,244.000

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ALT	Item	Description	Unit	Quantity
	0715- 4- 12	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 35' MOUNTING HEIGHT	EA	4.000
	0715- 4- 13	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 40' MOUNTING HEIGHT	EA	65.000
	0715- 4- 14	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 45' MOUNTING HEIGHT	EA	32.000
	0715- 4- 70	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	34.000
	0715- 7- 11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	2.000
	0715- 7- 21	LOAD CENTER, REWORK, SECONDARY VOLTAGE	EA	1.000
	0715- 7- 41	LOAD CENTER, REMOVE, SECONDARY VOLTAGE	EA	2.000
	0715- 11-125	LUMINAIRE, F&I, UNDER DECK, WALL MOUNT	EA	10.000
	0715- 11-500	LUMINAIRE, REMOVE	EA	4.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL	EA	148.000
	0715-500- 2	POLE CABLE DISTRIBUTION SYSTEM, FURNISH & INSTALL, HIGH MAST	EA	7.000