



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

February 20, 2013

SUBJECT: FAP Route 63/506 (US 24/IL 96)
Project F-HSIP-000S (915)
Section (1)N, TS-2, RS-5 & (78)RS-3
Adams County
Contract No. 72E31
Item No. 130, March 8, 2013 Letting
Addendum A

NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

1. Replaced the Schedule of Prices.
2. Revised sheets 2, 10, 134, 135 and 136 of the Plans.
3. Revised the Table of Contents to the Special Provisions.
4. Revised pages 9 and 20 of the Special Provisions.
5. Added pages 134 - 136 to the Special Provisions.

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

John D. Baranzelli, P. E.
Acting Engineer of Design and Environment

A handwritten signature in black ink, appearing to read "Ted B. Walschleger" followed by a small "P.E." to the right.

By: Ted B. Walschleger, P. E.
Engineer of Project Management

cc: Roger Driskell, Region 4, District 6; Mike Renner; Estimates

dp

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 72E31

State Job # - C-96-059-11

County Name - ADAMS -

Code - 1 - -

District - 6 - -

Section Number - (1)N,TS-2,RS-5&(78)RS-3

Project Number
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Route
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* REVISED: FEBRUARY 19, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X4400100	PCC SURF REM VAR DP	SQ YD	836.000				
X4402020	CONC MEDIAN SURF REM	SQ FT	3,372.000				
X6020074	INLETS TA T3V F&G	EACH	5.000				
X6020075	INLETS TB T3V F&G	EACH	4.000				
Z0010688	CAMERA MOUNT ASSEMBLY	EACH	4.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0023600	FILL EXIST CULVERTS	EACH	4.000				
Z0033070	VIDEO VEH DET 4 CAM	EACH	1.000				
20200100	EARTH EXCAVATION	CU YD	735.000				
20800150	TRENCH BACKFILL	CU YD	19.000				
25000200	SEEDING CL 2	ACRE	2.200				
25000400	NITROGEN FERT NUTR	POUND	194.000				
25000500	PHOSPHORUS FERT NUTR	POUND	194.000				
25000600	POTASSIUM FERT NUTR	POUND	194.000				
25000700	AGR GROUND LIMESTONE	TON	4.300				

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25100115	MULCH METHOD 2	ACRE	2.200				
28000315	AGG DITCH CHECKS	TON	65.340				
28000500	INLET & PIPE PROTECT	EACH	6.000				
31100200	SUB GRAN MAT A	CU YD	27.000				
31100700	SUB GRAN MAT A 8	SQ YD	8,352.000				
31101200	SUB GRAN MAT B 4	SQ YD	452.000				
35101400	AGG BASE CSE B	TON	56.000				
35300400	PCC BSE CSE 9	SQ YD	20.000				
35400400	PCC BASE CSE W 9	SQ YD	209.000				
35501328	HMA BASE CSE 11	SQ YD	3,798.000				
35600720	HMA BC WID 11	SQ YD	2,579.000				
40600200	BIT MATLS PR CT	TON	19.400				
40600300	AGG PR CT	TON	135.000				
40600635	LEV BIND MM N70	TON	845.000				
40600895	CONSTRUC TEST STRIP	EACH	1.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
40600982	HMA SURF REM BUTT JT	SQ YD	305.000				
40600990	TEMPORARY RAMP	SQ YD	84.000				
40603340	HMA SC "D" N70	TON	4,708.000				
40800050	INCIDENTAL HMA SURF	TON	41.760				
44000100	PAVEMENT REM	SQ YD	402.000				
44000151	HMA SURF REM 1/2	SQ YD	46,590.000				
44000155	HMA SURF REM 1 1/2	SQ YD	1,924.000				
44000500	COMB CURB GUTTER REM	FOOT	3,796.000				
44004250	PAVED SHLD REMOVAL	SQ YD	706.000				
44200144	PAVT PATCH T2 12	SQ YD	496.000				
44200148	PAVT PATCH T3 12	SQ YD	300.000				
44300200	STRIP REF CR CON TR	FOOT	3,501.000				
48102100	AGG WEDGE SHLD TYPE B	TON	859.000				
48203023	HMA SHOULDERS 6 1/2	SQ YD	583.000				
50105220	PIPE CULVERT REMOV	FOOT	303.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
542A0220	P CUL CL A 1 15	FOOT	18.000				
542A0223	P CUL CL A 1 18	FOOT	43.000				
542A0229	P CUL CL A 1 24	FOOT	68.000				
542A1060	P CUL CL A 2 15	FOOT	51.000				
542A1063	P CUL CL A 2 18	FOOT	50.000				
54213660	PRC FLAR END SEC 15	EACH	1.000				
54213663	PRC FLAR END SEC 18	EACH	2.000				
54213669	PRC FLAR END SEC 24	EACH	1.000				
54248510	CONCRETE COLLAR	CU YD	0.600				
54261324	CONC ES 542001 24 1:3	EACH	1.000				
54261415	CONC ES 542001 15 1:4	EACH	1.000				
54261424	CONC ES 542001 24 1:4	EACH	1.000				
550A0050	STORM SEW CL A 1 12	FOOT	344.000				
550A0070	STORM SEW CL A 1 15	FOOT	401.000				
550A0090	STORM SEW CL A 1 18	FOOT	37.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
550A0120	STORM SEW CL A 1 24	FOOT	13.000				
60219570	MAN TA 4 DIA T3V F&G	EACH	7.000				
60236200	INLETS TA T8G	EACH	2.000				
60240301	INLETS TB T8G	EACH	1.000				
60500060	REMOV INLETS	EACH	11.000				
60603500	COMB CC&G TB6.06	FOOT	46.000				
60605000	COMB CC&G TB6.24	FOOT	254.000				
60608582	COMB CC&G TM4.24	FOOT	316.500				
60608600	COMB CC&G TM6.06	FOOT	371.500				
60610400	COMB CC&G TM6.24	FOOT	107.000				
60610900	COMB CC&G TM6.24 VWGF	FOOT	28.500				
60618300	CONC MEDIAN SURF 4	SQ FT	3,132.000				
60622320	CONC MED TSM4.24	SQ FT	8,588.000				
60622400	CONC MED TSM6.06	SQ FT	691.000				
60625900	PCC RAMP MED TERM	EACH	14.000				

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67000400	ENGR FIELD OFFICE A	CAL MO	9.300				
67100100	MOBILIZATION	L SUM	1.000				
70100310	TRAF CONT-PROT 701421	L SUM	1.000				
70100320	TRAF CONT-PROT 701422	L SUM	1.000				
70100450	TRAF CONT-PROT 701201	L SUM	1.000				
70100460	TRAF CONT-PROT 701306	L SUM	1.000				
70100500	TRAF CONT-PROT 701326	L SUM	1.000				
70102620	TR CONT & PROT 701501	L SUM	1.000				
70102635	TR CONT & PROT 701701	L SUM	1.000				
70103815	TR CONT SURVEILLANCE	CAL DA	14.000				
70300100	SHORT TERM PAVT MKING	FOOT	3,475.000				
70300210	TEMP PVT MK LTR & SYM	SQ FT	677.000				
70300230	TEMP PVT MK LINE 5	FOOT	38,131.000				
70300240	TEMP PVT MK LINE 6	FOOT	1,150.000				
70300250	TEMP PVT MK LINE 8	FOOT	2,497.000				

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70300260	TEMP PVT MK LINE 12	FOOT	1,538.000				
70300280	TEMP PVT MK LINE 24	FOOT	187.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	445.000				
78004200	PREF PL PM TB INL L&S	SQ FT	677.000				
78004220	PREF PL PM TB INL L5	FOOT	2,515.000				
78004230	PREF PL PM TB INL L6	FOOT	1,150.000				
78004280	PREF PL PM TB INL L24	FOOT	187.000				
78009005	MOD URETH PM LINE 5	FOOT	35,617.000				
78009008	MOD URETH PM LINE 8	FOOT	2,497.000				
78009012	MOD URETH PM LINE 12	FOOT	1,538.000				
78100100	RAISED REFL PAVT MKR	EACH	348.000				
78200300	PRISMATIC CURB REFL	EACH	153.000				
78300200	RAISED REF PVT MK REM	EACH	183.000				
80500100	SERV INSTALL TY A	EACH	1.000				
81028340	UNDRGRD C PVC 1 1/2	FOOT	120.000				

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81028350	UNDRGRD C PVC 2	FOOT	190.000				
81028360	UNDRGRD C PVC 2 1/2	FOOT	180.000				
81028370	UNDRGRD C PVC 3	FOOT	55.000				
81028390	UNDRGRD C PVC 4	FOOT	12.000				
81400100	HANDHOLE	EACH	7.000				
81400300	DBL HANDHOLE	EACH	1.000				
81702441	EC C XLP 2-12C 1-12CG	FOOT	459.000				
*ADD 82103250	LUM SV HOR MT PC 250W	EACH	4.000				
*DELETE 82104350	LUM SV MM PC 400W	EACH	4.000				
*ADD 84200600	REM LT U NO SALV	EACH	2.000				
85700300	FAC T5 CAB	EACH	1.000				
85706000	INTERSEC MONITOR UNIT	EACH	1.000				
86200200	UNINTER POWER SUP STD	EACH	1.000				
86400100	TRANSCEIVER - FIB OPT	EACH	1.000				
87301245	ELCBL C SIGNAL 14 5C	FOOT	1,696.000				

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87301255	ELCBL C SIGNAL 14 7C	FOOT	1,165.000				
87301265	ELCBL C SIGNAL 14 9C	FOOT	95.000				
87301290	ELCBL C SIGNAL 18 3C	FOOT	970.000				
87301805	ELCBL C SERV 6 2C	FOOT	13.000				
87301900	ELCBL C EGRDC 6 1C	FOOT	645.000				
87502680	TS POST A 14	EACH	2.000				
87502690	TS POST A 15	EACH	1.000				
87502700	TS POST A 16	EACH	2.000				
87700230	S MAA & P 38	EACH	1.000				
87700240	S MAA & P 40	EACH	1.000				
87702930	STL COMB MAA&P 40	EACH	1.000				
87702960	STL COMB MAA&P 46	EACH	1.000				
87800100	CONC FDN TY A	FOOT	15.000				
87800150	CONC FDN TY C	FOOT	3.000				
87800415	CONC FDN TY E 36D	FOOT	50.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
88040070	SH P LED 1F 3S BM	EACH	2.000				
88040090	SH P LED 1F 3S MAM	EACH	4.000				
88040110	SH P LED 1F 4S BM	EACH	1.000				
88040120	SH P LED 1F 4S MAM	EACH	2.000				
88040150	SH P LED 1F 5S BM	EACH	2.000				
88040230	SH P LED 2F 3S BM	EACH	2.000				
88040250	SH P LED 2F 1-3 1-4BM	EACH	1.000				
88040330	SH P LED 3F 2-3 1-5BM	EACH	1.000				
88200100	TS BACKPLATE	EACH	20.000				

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The surge suppression for the controller cabinet shall be an EDCO SHA 1250, base mounted. The normally open contacts of the suppressor shall be wired to the alarm 2 input of the controller for system monitoring.

Basis of Payment: This item will be paid for at the contract unit price each for FULL-ACTUATED CONTROLLER AND TYPE V CABINET, of the sequence, phasing, and cabinet shown on the plans, which price shall be payment in full for furnishing the controller, cabinet, and all associated equipment required, installing the unit complete in place and placing the unit into operation to the satisfaction of the Engineer.

COMBINATION MAST ARM ASSEMBLY AND POLE

This work shall conform to the requirements of Sections 877 and 1077.03 of the Standard Specifications and the following additions or exceptions.

The combination mast arm assembly shall be supplied with twin 15 feet mast arms for mounting the luminaire, twin tenon or video camera as indicated on the plans.

Basis of Payment: This work will be paid for at the contract unit price each for STEEL COMBINATION MAST ARM ASSEMBLY AND POLE of the signal arm length specified.

INTERSECTION MONITOR UNIT

Effective: September 14, 1990

Revised: March 8, 2000

This specification describes the operational and technical design requirements for a system to be used to monitor the operation of individual intersections. The system unit shall consist of a central office facility together with monitoring devices located at isolated intersections to be monitored.

Remote Monitoring Equipment: The monitor should be compatible with remote monitoring equipment at the IDOT District 6 Operations Office, which is running Econolite Aries software, US Robotics 56K modem, and HP LaserJet printer. If the Contractor wishes to furnish a new brand of signal equipment, the following items will be incidental to the contract:

- a. A monitor software package in Windows format
- b. Installation of the equipment at the district office
- c. An equipment demonstration to the satisfaction of the District Traffic Signal Supervisor that the equipment will satisfactorily perform the specified functions.
- d. Technical training to use the equipment and software for up to six people of the Departments choosing.

If a new brand is utilized, the Contractor will furnish a personal computer that can operate and monitor the intersections on a full-time basis. The computer furnished shall be currently approved by the Central Management Services. At the present time Compaq and Dell personal computers are on the approved list. The actual cost of the computer will be paid for under Article 109.05 of the Standard Specifications for Road and Bridge Construction. The computer system minimum shall have one 3-1/2" 1.44 Mb floppy/ Super Disk drive, 10 Gb hard disk drive, 21" Super VGA monitor, 128 Mb RAM, Pentium III or AMD Athalon 600 MHz processor, US Robotics 56K modem, HP LaserJet 5 with infrared port printer, and all necessary cables.

Revised 2-20-2013

DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (BDE)

Effective: September 1, 2000

Revised: August 2, 2011

FEDERAL OBLIGATION. The Department of Transportation, as a recipient of federal financial assistance, is required to take all necessary and reasonable steps to ensure nondiscrimination in the award and administration of contracts. Consequently, the federal regulatory provisions of 49 CFR Part 26 apply to this contract concerning the utilization of disadvantaged business enterprises. For the purposes of this Special Provision, a disadvantaged business enterprise (DBE) means a business certified by the Department in accordance with the requirements of 49 CFR Part 26 and listed in the Illinois Unified Certification Program (IL UCP) DBE Directory.

STATE OBLIGATION. This Special Provision will also be used by the Department to satisfy the requirements of the Business Enterprise for Minorities, Females, and Persons with Disabilities Act, 30 ILCS 575. When this Special Provision is used to satisfy state law requirements on 100 percent state-funded contracts, the federal government has no involvement in such contracts (not a federal-aid contract) and no responsibility to oversee the implementation of this Special Provision by the Department on those contracts. DBE participation on 100 percent state-funded contracts will not be credited toward fulfilling the Department's annual overall DBE goal required by the US Department of Transportation to comply with the federal DBE program requirements.

CONTRACTOR ASSURANCE. The Contractor makes the following assurance and agrees to include the assurance in each subcontract that the Contractor signs with a subcontractor.

The Contractor, subrecipient, or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of contracts funded in whole or in part with federal or state funds. Failure by the Contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate.

OVERALL GOAL SET FOR THE DEPARTMENT. As a requirement of compliance with 49 CFR Part 26, the Department has set an overall goal for DBE participation in its federally assisted contracts. That goal applies to all federal-aid funds the Department will expend in its federally assisted contracts for the subject reporting fiscal year. The Department is required to make a good faith effort to achieve the overall goal. The dollar amount paid to all approved DBE companies performing work called for in this contract is eligible to be credited toward fulfillment of the Department's overall goal.

Revised 2-20-2013

LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT

Description. This work shall consist of furnishing and installing a roadway luminaire according to the Standard Specifications and as modified herein.

Materials. Materials shall be according to Article 821.02 of the Standard Specifications except the ballast shall be the ROMlight SmartROM series electronic high intensity discharge, or approved equal.

The ballast shall have an ambient temperature range of -22 to 131 °F (-30 to 55 °C) and an input voltage range of 120 to 277 V without the use of a step down transformer. The ballast shall be microprocessor controlled with integral short circuit protection and active power factor correction. The ballast shall not be pre-programmed for dimming. The maximum case temperature shall be 185 °F (85 °C). The ballast shall include a “no lamp” feature to prevent lamp cycling.

Ballast losses shall not exceed 8 percent to a nominal 100 V, 250 W lamp. The input power factor shall be 0.94 minimum, the total harmonic distortion shall be 10 percent maximum, and the crest factor shall not exceed 1.45 at nominal power.

Basis of Payment. This work will be paid for at the contract unit price each for LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT, which price shall be payment in full for furnishing the equipment described above and installing it in satisfactory condition.

HOT MIX ASPHALT – MIXTURE DESIGN REQUIREMENTS (D6)

The Hamburg Wheel Test criteria and Tensile Strength criteria described in the Special Provision for Hot Mix Asphalt – Mixture Design Verification and Production shall apply to all High ESAL mixtures with an N design level of 70 or higher that are permanently incorporated into the work.

High ESAL mixtures with an N design level of 50 are not required to meet Hamburg Wheel Test criteria.

If a mix fails the Department’s Hamburg Wheel verification test, the Contractor shall propose a substantial mixture change in writing to the Engineer for review and approval. Upon approval, the Contractor shall provide the Department four gyratory specimens representing the adjusted mix meeting the preparation requirements of Illinois Modified AASHTO T 324. The Engineer shall witness the production of the specimens. The Department will perform the Hamburg Wheel test and provide results within 10 calendar days of receiving the gyratory specimens.

This work will not be paid for separately, but shall be included in the cost of the various HMA items.

Added 2-20-13

HOT MIX ASPHALT - MIXTURE DESIGN VERIFICATION AND PRODUCTION (BMPR)

Effective: January 1, 2012
Revised: January 1, 2013

Description. This special provision states the requirements for Hamburg Wheel and Tensile Strength testing for High ESAL, IL-4.75, and SMA hot mix asphalt (HMA) mixes during mix design verification and production. This special provision also states the plant requirements for hydrated lime addition systems used in the production of High ESAL, IL-4.75, and SMA mixes.

When the options of Warm Mix Asphalt, Reclaimed Asphalt Shingles, or Reclaimed Asphalt Pavement are used by the Contractor, the Hamburg Wheel and tensile strength requirements in this special provision will be superseded by the special provisions for Warm Mix Asphalt, Reclaimed Asphalt Shingles, or Reclaimed Asphalt Pavement as applicable.

Mix Design Testing. Add the following to Article 1030.04 of the Standard Specifications:

“(d) Verification Testing. High ESAL, IL-4.75, and SMA mix designs submitted for verification will be tested to ensure that the resulting mix designs will pass the required criteria for the Hamburg Wheel Test (IL mod AASHTO T-324) and the Tensile Strength Test (IL mod AASHTO T-283). The Department will perform a verification test on gyratory specimens compacted by the Contractor. If the mix fails the Department’s verification test, the Contractor shall make necessary changes to the mix and provide passing Hamburg Wheel and Tensile Strength test results from a private lab. The Department will verify the passing results.

All new and renewal mix designs shall meet the following requirements for verification testing.

(1) Hamburg Wheel Test criteria. The maximum allowable rut depth shall be 0.5 in. (12.5 mm). The minimum number of wheel passes at the 0.5 in. (12.5 mm) rut depth criteria shall be based on the high temperature binder grade of the mix as specified in the mix requirements table of the plans.

PG Grade	Number of Passes
PG 58-xx (or lower)	5,000
PG 64-xx	7,500
PG 70-xx	15,000
PG 76-xx (or higher)	20,000

(2) Tensile Strength Criteria. The minimum allowable conditioned tensile strength shall be 415 kPa (60 psi) for non-polymer modified performance graded (PG) asphalt binder and 550 kPa (80 psi) for polymer modified PG asphalt binder. The maximum allowable unconditioned tensile strength shall be 1380 kPa (200 psi).”

Start-up and Production Testing. Add the following to Article 1030.06 of the Standard Specifications:

Added 2-20-13

“(c) Hamburg Wheel Test. During start-up, for all asphalt mix designs verified with the Hamburg Wheel, the Contractor shall sample the mix, compact gyratory specimens, and the Department will conduct Hamburg Wheel testing (IL modified AASHTO T-324). The Contractor shall either stop production until the Department completes the testing with passing results or the Contractor may proceed with production at their own risk.

The Department may conduct additional Hamburg Wheel Tests on production material as determined by the Engineer. If the mixture fails to meet the Hamburg Wheel criteria, no further mixture will be accepted until the Contractor takes such action as is necessary to furnish a mixture meeting the criteria.”

System for Hydrated Lime Addition. Revise the last sentence of the third paragraph of Article 1030.04(c) of the Standard Specifications to read:

“The method of application shall be according to Article 1102.01(a)(10).”

Revise the first three sentences of the second paragraph of Article 1102.01(a)(10) of the Standard Specifications to read:

“When hydrated lime is used as the anti-strip additive, a separate bin or tank and feeder system shall be provided to store and accurately proportion the lime onto the aggregate either as a slurry, as dry lime applied to damp aggregates, or as dry lime injected onto the hot aggregates prior to adding the liquid asphalt cement. If the hydrated lime is added either as a slurry or as dry lime on damp aggregates, the lime and aggregates shall be mixed by a power driven pugmill to provide a uniform coating of the lime prior to entering the dryer. If dry hydrated lime is added to the hot dry aggregates in a drum plant, the lime will be added in such a manner that the lime will not become entrained into the air stream of the dryer and that thorough dry mixing will occur prior to the injection point of the liquid asphalt. When a batch plant is used, the hydrated lime shall be added to the mixture in the weigh hopper or as approved by the Engineer.”

Basis of Payment. Revise the seventh paragraph of Article 406.14 of the Standard Specifications to read:

“For mixes designed and verified under the Hamburg Wheel criteria, the cost of furnishing and introducing anti-stripping additives in the HMA will not be paid for separately, but shall be considered as included in the contract unit price of the HMA item involved.

If an anti-stripping additive is required for any other HMA mix, the cost of the additive will be paid for according to Article 109.04. The cost incurred in introducing the additive into the HMA will not be paid for separately, but shall be considered as included in the contract unit price of the HMA item involved.

No additional compensation will be awarded to the Contractor because of reduced production rates associated with the addition of the anti-stripping additive.”