

JOB NO. 2.

PROPOSAL FOR CONSTRUCTION OF BITUMINOUS
MAT SURFACE ON FOUR (4) MILES OF LYNN-
LANE-BROKEN ARROW ROAD. BEING MILES 1-2
3-4 of SECTION "O".

APPROXIMATE QUANTITIES.

UNIT ITEMS:

33,792 Gallons Grade "B" Oil	@ \$0.032 Per Gal.	\$ 1,081.38
based on an estimate of 0.8 gal per Sq.Yd on Penetration. Includes cost of Oil and application.		
56,000 Gallons Grade "E" Oil	@ \$0.032 Per Gal.	1,792.00
based on an estimate of 14,000 gal. per mile on Mix. See Paragraph 5.0 "Method of Measurement" See Paragraph 6.0 "Basis of Payment"		
2,852 Tons Aggregate in Place	@ \$1.65 Per Ton	4,705.80
based on an estimate of 10 C Y per Station		
Station Manipulation 211.2 -100 Ft.Stations	@ \$10.25 Per Sta.	<u>\$ 2,164.80</u>
(52.8 Stations per Mile)		
GRAND TOTAL FOR CONSTRUCTION OF EIGHT (8) MILES BITUMINOUS MAT JOB NO.1.AND JOB NO.2.		19,488.00

ALTERNATE PROPOSAL FOR CONSTRUCTION OF
PENETRATION EMULSIFIED ASPHALT, IN LYNN
LANE TOWNSHIP.

PROPOSAL NO.4.
LETTING JUNE 12th.1933.

Honorable Board of County Commissioners,
Tulsa County,Oklahoma.

Gentlemen:

The undersigned, having examined the Specifications and being familiar with the location and character of the work to be done, hereby proposes to furnish all labor, materials and equipment and to complete in accordance with Specifications attached hereto and made a part of this Proposal, the SURFACING with Penetration Emulsified Asphalt and otherwise improving the hereinafter described highways in Tulsa County, Oklahoma, the quantities shown being approximate and subject to actual measurements of completed work in place, which quantities shall be paid for at the Unit Item Price as bid.

All work specified in this Proposal is an encumbrance against the COUNTY HIGHWAY FUND. It is hereby specifically understood by the undersigned Contractor that WORK ORDERS covering the following Jobs will be issued only when funds are available to pay for same. It is, therefore, understood and agreed that Work Order may be issued on all, or only a portion of the work specified herein, but if funds are not collected by the County Treasurer to pay for the cost of any part of said work, the entire contract will become void.

BE IT FURTHER UNDERSTOOD between the Contractor and the Board of County Commissioners that WORK ORDERS will be issued as soon after July 1, 1933 as final auditing of Funds is made by the County Treasurer and final income credited to the 1932-1933 County Highway Fund.

NOTE:- The Contractor may bid on either or both types of surfacing specified in Proposal No.4.

SPECIFICATIONS.

The asphalt emulsion shall be homogeneous in character, and of the Quick Breaking Type, suitable for surface treatment, penetration construction, or repair work by penetration methods,

It shall be of such fluidity that it may be applied by the types of pressure distributors ordinarily used. All pumps used shall have an internal and end clearance of at least .025 of an inch.

The penetration Emulsified Asphalt shall conform to the following specifications:

Specific Gravity 25°/25°C. (77°/ 77°.)	Not less than	1.00
Viscosity, Saybolt Furol - 60 cc. at 25°C (77°F)	Not more than	100 sec.
Residue at 163°C. (325°F.) 3 hrs - 200 grams	Not less than	58 %
Total combined amount of all saponifiable substances, including petroleum acids.	Not more than	1 %
Demulsibility	Not more than	40 %

The petroleum asphalt contained in the emulsion shall conform to the following requirements:

Penetration at 25° C (77°F)	100 to 200
Solubility in carbon tetrachloride	Not less than 98.5%