

BID PROPOSAL

To: Township of Somers Highway Department

DATE: _____

FIRM NAME: _____

In compliance with your NOTICE TO BIDDERS, dated _____ the
Undersigned proposes and agrees as follows:

(1) That having a principal place of business at _____
and being experienced and responsible for the performance of the same, agrees to furnish
equipment with operators for work in conjunction with the Township of **SOMERS** Highway
Department work forces and equipment in the Reclamation of Various Roads at unit prices as per
the specifications hereto annexed.

EQUIPMENT WITH OPERATORS:

The price bid per square yard for this item shall include the initial reclamation of roads with a
Reclaimer only or a Total Reclaiming Project:



Reclamation/Recycling		Reclamation/Recycling Shaping Grading and Compacting
DEPTH OF CUT	UNIT PRICE/SQUARE YARD	UNIT PRICE/SQUARE YARD
0" TO 4"	\$ _____	\$ _____
5" TO 8"	\$ _____	\$ _____
9: TO 12"	\$ _____	\$ _____
13" TO 15"	\$ _____	\$ _____
16" TO 18"	\$ _____	\$ _____

BID PROPOSAL (CONTINUED)

EQUIPMENT WITH OPERATORS:

After a reclaiming project has been completed, liquid calcium chloride meeting the requirements of the annexed bid shall be delivered to the job site as directed by the Municipality. The Municipality will purchase liquid calcium chloride under terms of this Contract. The cost of corrosion inhibited liquid calcium chloride and the processing of the corrosion inhibited calcium chloride through the recycling machine shall be considered in the price per gallon.

	Reclamation/Recycling	Reclamation/Recycling Shaping, Grading and Comp.
	UNIT PRICE/PER GALLON	UNIT PRICE/PER GALLON
Calcium Chloride	\$_____	\$_____

EQUIPMENT WITH OPERATOR:

After a reclaiming project has been completed, emulsified liquid asphalt CSS-IRA, meeting the requirements of New Jersey Item 904.03 with noted exceptions in the annexed specifications, shall be delivered to the job site in quantities as directed by the Municipality. The Municipality will purchase emulsified liquid asphalt under terms of this contract. The cost of emulsified liquid asphalt and the processing of the asphalt emulsion through the recycling machine shall be considered in the price per gallon.

	Reclamation/Recycling	Reclamation/Recycling Shaping, Grading and Comp.
	UNIT PRICE/PER GALLON	UNIT PRICE/PER GALLON
Emulsified Asphalt	\$_____	\$_____

BID PROPOSAL (CONTINUED)

EQUIPMENT WITH OPERATORS:

After a reclaiming project has been completed, foamed asphalt meeting the requirements for New Jersey Item 904.01 shall be delivered to the job site in insulated tankers in quantities as required by the mix design. The recycling machine shall be equipped with a Foamstab Mixer (or equal) unit meeting the requirements of the annexed specification and capable of injecting metered quantities of water to the liquid asphalt to maximize the coating of the pulverized material. The Municipality will purchase foamed asphalt under the terms of this contract. The cost of foamed asphalt and the processing of foamed asphalt through the recycling machine with a Foamstab Mixer (or equal) and all requirements of the annexed specification shall be considered in the price per gallon.

	Reclamation/Recycling	Reclamation/Recycling Shaping, Grading and Comp.
	UNIT PRICE/PER GALLON	UNIT PRICE/PER GALLON
Foamed Asphalt	\$ _____	\$ _____

EQUIPMENT WITH OPERATORS:

The price bid per hour for this Item will be utilized when downtime is due to Municipal work forces, when intersections and/or bridge approachments are being reclaimed, and/or when a reclaiming project is less than 3/500 square yards in an eight (8) hour day.

RELCLAIMER	\$	PER HOUR
GRADER (CAT 12 OR EQUAL)	\$	PER HOUR
VIBRATORY ROLLER (10-12 TON)	\$	PER HOUR
PNEUMATIC-TIRED ROLLER (25 TON)	\$	PER HOUR
WATER TRUCK –PRESSURE SYSTEM	\$	PER HOUR
MOBILIZATION OF EQUIPMENT (includes move in/move out)	\$	PER HOUR

BID PROPOSAL (CONTINUED)

- (2) The Municipality shall pay for the various stabilizing agents used in conjunction with this work under the terms and conditions of this contract. Bidders shall, therefore, include the cost of these stabilizing agents in their bids as stated in the annexed bid specifications.
- (3) That the successful bidder must produce the equipment and operators within three (3) calendar days after notification from the Township of SOMERS Highway Department to commence work.
- (4) To submit with the bid proposal, the Certificate of Insurance as per listed insurance requirements in the annexed specifications.
- (5) To submit with the bid proposal, the letter of supply as per stated in the annexed specifications.
- (6) To comply with all applicable New Jersey State wage guidelines – Prevailing Wage Schedule.

The acceptance of this bid will constitute a binding written contract with Township of SOMERS Highway Department for the sale and purchase of said items and services.

(PROPOSAL TO BE SIGNED AND DATED ON NEXT PAGE)

BID PROPOSAL (CONTINUED)

NON-COLLUSIVE BIDDING CERTIFICATION

By submission of this bid, each Bidder and each person signing on behalf of any Bidder certifies, and in the case of a joint bid, each party thereto certifies as to its own organization, under penalty of perjury, that to the best of knowledge and belief:

1. The prices in this bid have been arrived at independent without collusion, consultation or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other Bidder or with any competitor and;
2. Unless otherwise required by law, the prices which have been quoted on this bid have not been knowingly disclosed by the Bidder and will not knowingly be disclosed by the Bidder prior to the opening, directly or indirectly, to any other Bidder or to any competitor, and;
3. No attempt has been made or will be made by the Bidder to induce any other person, partner, or corporation to submit or not submit a bid for the purpose of restricting competition.

DATE

Company Name

Name and Title

Signature

Address

Accepted:

City and State

Telephone Number

Date

Name and Title

Federal ID Number

VENDOR NAME _____

REFERENCE SHEET

All bidders will be required to complete this form providing four (4) references of past performance. References should involve projects of similar scope to this bid as stated below. References must have had dealings with the Bidder within the last thirty-six months. The township of SOMERS reserves the right to contact any or all of the references supplied for an evaluation of past performance in order to establish the responsibility of the Bidder before the actual award of the bid and/or contract. Completion of the reference form is required.

The bidder shall demonstrate their ability to perform Reclaiming of roadbed:

Reference's Name: _____

Address: _____

Telephone: _____ Contact Person _____

The bidder shall demonstrate their ability to perform Reclaiming project with liquid calcium chloride used as stabilizing agent:

Reference's Name: _____

Address: _____

Telephone: _____ Contact Person _____

The bidder shall demonstrate their ability to perform Reclaiming project with emulsified asphalt used as a stabilizing agent:

Reference's Name: _____

Address: _____

Telephone: _____ Contact Person _____

The bidder shall demonstrate their ability to perform Reclaiming project with foam asphalt used as a stabilizing agent:

Reference's Name: _____

Address: _____

Telephone: _____ Contact Person _____

NON-COLLUSIVE BIDDING CERTIFICATION

Made pursuant to Section 103-d of the General Municipal Law of the State of New York as amended by the laws of 1966

(a) By submission of this bid, each bidder and each person signing on behalf of any bidder certified, and in the case of a joint bid, each party thereto certifies as to its own organization, under penalty of perjury, that to the best of his knowledge and belief:

(1) The prices in this bid have been arrived at independently without collusion, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;

(2) Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to the opening, directly or indirectly, to any other bidder or to any competitor; and

(3) No attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

(b) A bid shall not be considered for award nor shall any award be made where (a) (1), (2) and (3), above have not been complied with; provided, however, that if in any case the bidder cannot make the foregoing certification, the bidder shall so state and shall furnish with the bid a signed statement which sets forth in detail the reasons therefore. Where (a) (1) (2) and (3), above, have not been complied with, the bid shall not be considered for award nor of the political subdivision, public department, agency or official thereof to which the bid is made, or his designee, determines that such disclosure was not made for the purpose of restricting competition.

DATED _____

Legal Name of Person, Firm or Corp

Business address of Person, Firm or Corp

By _____
Signature Title

BID PROPOSAL

DATED _____

LEGAL NAME OF FIRM, CORPORATION OF PERSON

BUSINESS ADDRESS OF FIRM, CORP. OR PERSON

(SEAL OF CORPORATION)

SIGNED BY _____
Signature Title

*****NON-COLLUSION STATEMENT MUST ALSO BE SIGNED

SPECIFICATIONS FOR THE RECLAMATION OF VARIOUS ROADS

It is the intent of these specifications to solicit bids for the furnishing of equipment with operators to work in conjunction with the Township of SOMERS under the direction of the Township of SOMERS Highway Department work forces and equipment in the reclamation of various roads. It is the purpose of this bid to provide for in-place reclamation/recycling of existing pavements, either with or without an asphalt emulsion or other stabilizing agent on Town Highways within the Township of SOMERS. Injection of the asphalt emulsion or other stabilizing agents may be required agent will be purchased under this contract.

For the Reclamation of roads it is the responsibility of each Contractor submitting proposals to assure himself that the equipment/construction methods he intends to use shall have the capability of changing the depth of cut and forward speed to allow for adjustments in the gradation. The cutting rotor shall have a minimum width of 96" and the Reclaimer must be capable of stabilizing to a depth of 18". The gross weight of the Reclaimer shall be in excess of 56,000 lbs to hold the rotor in place for stable high deep cutting operations.

For shoulder work, drainage ditches and installation of water and/or sewer lines, the contractor shall have available a cutting rotor capable of a 24" to 96" wide cut to a depth of 18". Equipment must be hydrostatically driven with pneumatic tires and must also be equipped with an automatic hydraulic driven liquid proportioning system (LPS) through a computerized meter mounted on the machine to insure proper application of any additives. The LPS shall be designed to handle a complete range of petroleum based additives and function to precisely add the selected quantity of additives to the in place recycled, pulverized material within the limits of the specification.

For injecting metered quantities of cold atomized water into hot penetration grade asphalt cement to produce foamed asphalt, to maximize coating of the pulverized material, the Reclaimer shall be equipped with a Foamstab Mixer or approved equal. The Foamstab Mixer shall introduce controlled quantities of water and air through a stream of hot bitumen in specially designed individual expansion chambers and nozzles to produce a consistent foam.

The Reclaimer shall also be equipped with a computerized meter mounted on the machine to insure accurate control of all flows, and application of the foamed asphalt. The Foamstab Mixer or equal shall be capable of a full circulating system with an input and output line to the asphalt supply for maintaining the same level of heat temperature throughout the foam asphalt project.

The road material shall be ground up to a depth of 18” and shall conform to the following gradation:

SIEVE SIZE	PERCENT PASSING
2”	98-100
1½”	95

Material gradation may vary due to local aggregates and conditions. When the largest aggregate in the road material being ground is smaller than a 2” stone, the maximum number of passes allowed to achieve the gradation shall be two (2). For depths over 8” and up to and including 18”, the maximum number of passes shall be four (4). In this instance the Township of SOMERS Highway Department will wind row the top 8” aside to allow the contractor/Bidder to have accessibility to the remaining material.

The township of SOMERS shall require the successful Bidder to provide a second Reclaimer to perform two (2) separate projects simultaneously: if the first Reclaimer supplied breaks down for an extended period of time or the first Reclaimer is not of good enough repair to sustain a smooth road building operation, a second Reclaimer shall be supplied; if the first Reclaimer’s production is less than 3,500 square yards per eight (8) hour day, a second Reclaimer shall conform to said specifications stated herein.

The bid price shall be per square yard 0” to 4”; per square yard 5” to 8”; per square yard 9” to 12”; per square yard 13” to 15”; per square yard 16” to 18” and the Bidder shall also state a price per hour. Hourly rates will be utilized when downtime is due to municipal work forces, when intersections and/or bridge approachments are being reclaimed, and when a reclaiming project is less than 3,500 square yards in an eight (8) hour day.

The specifications as set forth in the Reclamation of Various Roads will apply to a Total Reclaiming Project and are to include the following additions:

The Bidder will be responsible for all grading of the reclaimed material to the line and grade furnished by the Municipality. This will include, but not be limited to, placing reclaimed material up to 250’ from reclaiming location to assure proper cross slope as directed by the Municipality’s representative. The Bidder will also be responsible for compaction, including optimum moisture for the reclaimed material. The Bidder will be responsible for dust control but not flag people.

Payment shall be by the square yard. This payment will include all equipment – reclaimers, grader(s), roller(s) with operators necessary to achieve a Total Reclaiming Project.

After the reclaiming project has been completed, the Municipality may require the mixing of a stabilizing agent (i.e., liquid calcium chloride, emulsified asphalt, foamed asphalt) to be blended with the newly reclaimed base meeting the following:

Liquid calcium chloride or emulsified asphalt shall be applied by the Contractor. The contractor shall then apply the stabilizing agent through a computerized metering system to insure the proper rate of application of the stabilizing agent. It shall be the responsibility of the Municipality to determine the amount of liquid calcium chloride or emulsified asphalt to be incorporated into the recycled base, it shall be mixed to the depth of the material as determined by the Municipality by full width asses of the recycling equipment.

Liquid calcium chloride used as a stabilizing agent shall be 35% (+/-1%) when tested with a hydrometer. The solution shall be true and shall not be manufactured by reconstituting calcium chloride flake. In addition, the calcium solution shall be corrosion inhibited (Corguard or equal). The corrosion rate as tested under NACE Standard TMO 169-95 shall be 70% lower than reagent grade sodium chloride tested under similar conditions.

Emulsified liquid asphalt used as a stabilizing agent shall meet the requirements of New Jersey Item 904.03 and shall be delivered to the job site in insulated tankers in quantities directed by the Municipality. The liquid asphalt CSS-IRA shall conform to AASHTOM 208 material designation 904.03 with the following exceptions: The emulsion shall have a viscosity of 20-150. The residue by distillation shall be 58.5 minimum. Tests on residue from distillation test, penetration 125-200.

In addition, the contractor shall perform mixing tests using the design level of asphalt emulsion. The Contractor will report to the municipality, the level of coating and compatibility of emulsion and reclaimed base.

The bid price shall be by the gallon. The purchase of the stabilizing agent (i.e., liquid calcium chloride, emulsified asphalt) shall be made under the terms of this contract on a per gallon basis which shall constitute full compensation for material application and the mixing of the stabilizing agent into the newly reclaimed base through the recycling machine. All delivery charges must be included in the price per gallon for the stabilizing agents.

If foamed asphalt is selected as the stabilizing agent, the Contractor shall meet the following additional requirements:

The Contractor shall determine the optimum foamed asphalt content required to be blended with the newly reclaimed base based upon laboratory mix design testing.

The laboratory must be equipped with a foam lab. This foam lab shall be capable of producing a foamed asphalt for use in the mix design testing that is the equivalent of that produced by the Foamstab Mixer in the Relaimer.

The Contractor shall obtain a minimum of one sample per one thousand seven hundred (1700) linear feet, or one sample per 4,000 square yards from the existing roadway to be used for mix design testing.

The mix design procedure shall be based upon modifications of AEMA's "Marshall Method for Emulsified Asphalt – Aggregate Cold Mix Design," to meet the requirements of foamed asphalt

Preliminary testing of the material shall be performed as follows:

- Gradation of un-extracted material
- Optimum Moisture Content (ASTM D-1557)
- Asphalt Content (ASTM D-2172)

Based upon the results of the preliminary testing, samples shall be prepared and tested in accordance with the design procedure. The selection of the optimum foamed asphalt content shall be based upon the following values:

- The wet stability shall not be less than 2,000 lbs.
- The flow shall not be less than 6 nor more than 18.
- The percent retained stability (dry v wet) shall be a minimum of 60%.

The moisture content of the reclaimed material at the time of the addition of the foamed asphalt shall be uniformly distributed through the reclaimed material and shall be at a level such that proper coating of the aggregated can be achieved.

The Contractor must have equipment on hand to determine the moisture content and monitor such during the mixing operation.

The Contractor shall provide a water truck when it is necessary to add water to meet the coating requirements.

Compaction of the stabilized mixture shall be the responsibility of the Contractor. The Contractor shall supply as a minimum a 25 ton pneumatic-tired roller and a vibratory soil compactor to be used in compacting the mixture.

The Contractor shall provide a Nuclear-Density meter and a certified operator to control the final in-place density of the stabilized material. The meter shall be used to determine the optimum number of roller passes required to achieve an acceptable density.

Liquid Asphalt Cement to be used for foaming shall meet the requirements of New Jersey Item 904.01, shall conform to AASHTOM226 and shall be delivered to the job site in

insulated tankers @380 degrees equipped with suction and return circulating lines and push bar hitches, in quantities as required by the mix design.

The bid price shall be by the gallon. The purchase of the stabilizing agent (i.e. foamed asphalt) shall be made under the terms of this Contract on a per gallon basis which shall constitute full compensation for material, sample collection, testing, mix designs, moisture content determinations, application, and the mixing of the stabilizing agent into the newly reclaimed base through the recycling machine, compaction and in-place density control. All delivery charges must be included in the price per gallon for the stabilizing agent.

The Bidder shall **include with the bid** a letter of supply certifying to the Township of SOMERS that the Bidder will be guaranteed supply and the stabilizing agents (i.e., liquid calcium chloride, emulsified asphalt, foamed asphalt) will be available in sufficient quantity to meet big requirements for the term of the Contract as specified. Stabilizing agents shall be delivered on twenty-four (24) hour notice to locations on Township roads in such amounts as called for by the Township of SOMERS, Superintendent of Highways or ordering agency.

Each Contractor submitting a proposal is required to demonstrate to the Township of SOMERS Superintendent of Highways the ability of his crew(s) and equipment to comply with the specifications and to do so at a rate of production consistent with the time allowed by the Township of SOMERS Highway Department. In submitting proposals for this work, Contractors are required to specify equipment now owned to be used for this bid proposal, showing make, model, year, and serial number of all machinery. This list of equipment must accompany bid, to include all equipment for total reclamation project-reclaimers, grader(s), roller(s), and pressurized water truck.

This information shall be construed to be completely in accord with the specifications outlined in the bid proposal unless the bidder explains all deviations and qualifications in writing at time of bid. Failure of any Bidder to present such evidence may be cause for rejection of the bid submitted.

The successful Bidder must produce the equipment and operators within three (3) calendar days after notification from the Township of SOMERS Highway Department to commence work.

Contractor/Bidder shall have minimum of three (3) years experience in the reclamation of roads, including at least three (3) years experience for the operators to be employed in the performance of this contract in operation of said machines supplied with at least two (2) years experience in the Foam Asphalt Process of a reclaimed road including at least two (2) years experience for the certified operators; operators for the Foam Asphalt Process must be certified for a nuclear density meter to control the final in-place density of the stabilized material.

Contract period shall be one (1) year from the date of issuance of contract and may be extended by mutual consent between the Township of SOMERS and the successful Bidder at the sole discretion of the Township of SOMERS for a second one-year period at identical prices and conditions.

Contractors/Bidders bidding the Reclamation of Various Roads, including total reclaiming project and foamed asphalt process, must submit with bid proposal previous references listing name, address, contact person and telephone number. A minimum of four (4) references must accompany bid listing at least one reference for each reclamation process ie: reclaiming project ie: reclaiming project with emulsion injection ie: reclaiming project foam asphalt process. To qualify bids for acceptance, Bidders must present evidence to being skilled in work of similar nature to that described in these specifications. Failure of any Bidder to present such evidence may be cause for rejection of the bid submitted.

The successful Bidder shall be responsible for the repair, maintenance and parts of all equipment offered; the Township of SOMERS Highway Department will provide all necessary fuel. Any underground utilities, manholes and catch basins shall be located prior to reclamation. Lowering all manholes and catch basins prior to reclaiming and raising to grade after reclaiming will be the responsibility of the Municipality.

Whenever a material or piece of equipment is identified in a bid specifications by reference to a manufacturers' or vendors' name, trade names, etc., it is intended merely to establish a standard quality and any material or equipment of other manufacturers and vendors which will perform adequately will be considered equally acceptable provided the material or equipment so proposed is in the opinion of the Township of SOMERS Superintendent of Highways to be equal substance and function.

Prior to award, the Township of SOMERS of Superintendent of Highways reserves the right to investigate to determine that the bid items and Bidder's qualifications or facilities meet requirements and are sufficient for proper performance in fulfilling bid requirements. The Bidder must be prepared to present evidence of experience, ability, financial standing and certification from the manufacturer relative to authorization, delivery, service and guarantee.

The award will be made based on the item price as stipulated in the specifications to the lower responsible Bidder, as will best promote the public interest, taking into consideration the reliability of the Bidder, the quality of the commodity to be supplied and its conformity with the specifications. The Township of SOMERS Superintendent of Highways reserves the right to reject any and all bids received and to waive any information discovered therein on behalf of the Township.

The successful Bidder agrees to obtain from an insurance company authorized to do business in the State of New Jersey, and keep in force during the term of this Contract, all insurance required under this bid specification. The Contractor/Bidder shall submit with bid proposal certificates of insurance as per listed insurance requirements set forth below:

The contractor must have and maintain during the life of the Contract proof of Workers Compensation and Disability Benefits, along with bodily liability insurance and property damage liability insurance as shall protect him and the Township from claims for damages for bodily injury, as well as from claims for property damage which may arise from operations under this contract. It shall be the responsibility of the Bidder/Contractor to maintain such insurance in amounts sufficient to in amounts sufficient to fully protect himself and the Township, but in no instance shall amounts be less than those set forth below. These amounts are specified only to establish the minimum coverage acceptable.

Bodily injury liability insurance in an amount no less than \$1,000,000.00 (one million dollars) for injuries; property damage liability insurance in an amount of not less than \$1,000,000.00 (one million dollars) for property damage; commercial general liability insurance in an amount not less than \$2,000,000.00 (two million dollars).

Automobile bodily injury liability and property damage liability insurance shall be provided by the Bidder/Contractor with a minimum combined single limit (CSL) of \$1,000,000.00 (one million dollars).

A certificate of Insurance attesting to the above insurance should accompany bid submitted. The Bidder/Contractor shall file with the bid a Certificate of Insurance which shall include name, address of insured, issue date of certificate, insurance company name, type of coverage, policy number, inception and expiration date of policies, and limit of liability for all policies included on the Certificate. Certificate holder shall be Township of SOMERS. If the Bidder/Contractor insurance policies should be non-renewed, canceled or expire during the life of the Contract, the Township shall be provided with a new Certificate of Insurance indicating the replacement policy information as requested above. If any of the Bidders/Contractors policies of insurance are canceled or non-renewed during the life of the Contract, immediate Notice of Cancellation or Non-Renewal shall be delivered to the Township no less than ten (10) days prior to the date and the time of cancellation of non-renewal.

No Contract awarded as a result of this bid may be assigned, transferred, sublet, or otherwise disposed of to any other person or corporation without the express consent of the Township of SOMERS Highway Department.

Bidders legal conformance with N.J.S.A. 52:34-15 IS REQUIRED. Non-Collusive Bidding Certification shall accompany bid submitted.

Prevailing Wage Rates required in Contracts over \$2,000.00 Chapter 150 N.J.S.A. 34:11-56-25-etsq]. As amended in Chapter 64, Laws 1974 and N.J.A.C. 12:60-2.1 AND 6.1 OF THE New Jersey Prevailing Wage Act. The successful bidder must adhere to all applicable New Jersey wage guidelines-prevailing wage schedules.

Bidders are required to comply with the requirements of P.I. 1975 c, 127", the law again Discrimination (Affirmative Action).

The Bidder must use the Proposal Blanks and Reference Sheet attached to the specifications for submitting bid. Any deviations in the specifications must be so noted in the Bidder's offer. **All items must be bid. No partial bids will be accepted.** Upon submission of bid, it is understood that the Bidder has read, fully understands, and will comply with the said bid specifications. Alternate bids are not acceptable to Township of SOMERS unless specifically called for in the bid proposal.

Delivery of the award items or services are stipulated in the bid specifications and the decision of the Township of SOMERS Highway Department as to reasonable compliance with the delivery terms shall be final.

Bid prices shall be exclusive of Federal and State taxes and must not include any tax for which the bidder may claim exception because of doing business with the Township. Political subdivisions within Township of SOMERS may participate in contracts resulting from this bid opening. All purchases made by Villages shall be ordered by and billed directly to them, and not to Township of SOMERS.