



**Illinois Department
of Transportation**

**Local Public Agency
Material Proposal or
Deliver & Install Proposal**

PROPOSAL SUBMITTED BY		
Contractor's Name		
Street		P.O. Box
City	State	Zip Code

STATE OF ILLINOIS

COUNTY OF DeKalb
All 19 Road Districts
 (Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF
 STREET NAME OR ROUTE NO. Various
 SECTION NO. 2014 General County Letting
 TYPES OF FUNDS MFT & Local

- MATERIAL PROPOSAL DELIVER & INSTALL PROPOSAL
 SPECIFICATIONS (required) PLANS (if applicable)

For Municipal Projects
 Submitted/Approved/Passed

Mayor President of Board of Trustees Municipal Official

Date

Department of Transportation

Released for bid based on limited review

Regional Engineer

Date

For County and Road District Projects
 Submitted/Approved

Highway Commissioner

Date

Submitted/Approved

County Engineer/Superintendent of Highways

Date

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

RETURN WITH BID

NOTICE TO BIDDERS

County DeKalb
Local Public Agency Various
Section Number 2014 General County Letting
Route Various

Sealed proposals for the furnishing or delivering & installing materials required in the construction/maintenance of the above Section will be received and at that time publicly opened and read at the office of the DeKalb County Engineer,

1826 Barber Greene Road, DeKalb, IL 60115 until 10:00 AM on February 6, 2014
Address Time Date

- 1. Plans and proposal forms will be available in the office of the DeKalb County Engineer 1826 Barber Greene Road, DeKalb, IL 60115
2. Prequalification. If checked, the 2 low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57), in duplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work.
3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Material Proposals.
4. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Material Proposals, will be required. Bid Bonds will not be allowed as a proposal guaranty.
5. The successful bidder at the time of execution of the contract will not be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. Failure on the part of the contractor to deliver the material within the time specified or to do the work specified herein will be considered just cause to forfeit his surety as provided in Article 108.10 of the Standard Specifications.
6. Proposals shall be submitted on forms furnished by the Awarding Authority and shall be enclosed in an envelope endorsed "Material Proposal, Section 2014 General County Letting".

By Order of DeKalb County Board 01/13/2014 Nathan F. Schwartz, P.E.
(Awarding Authority) Date (County Engineer/Superintendent of Highways/Municipal Clerk)

Material Proposal or Deliver & Install Proposal

To DeKalb County Board
(Awarding Authority)

If this bid is accepted within 45 days from date of opening, the undersigned agrees to furnish or to deliver & install any or all of the materials, at the quoted unit prices, subject to the following:

- 1. It is understood and agreed that the "Standard Specifications for Road and Bridge Construction", adopted January 1, 2012, and the "Supplemental Specifications and Recurring Special Provisions", adopted January 1, 2014, prepared by the Department of Transportation, shall govern insofar as they may be applied and insofar as they do not conflict with the special provisions and supplemental specifications attached hereto.
2. It is understood that quantities listed are approximate only and that they may be increased or decreased as may be needed to properly complete the improvement within its present limits or extensions thereto, at the unit price stated and that bids will be compared on the basis of the total price bid for each group.
3. Delivery in total or partial shipments as ordered shall be made within the time specified in the special provisions or by the acceptance at the point and in the manner specified in the "Schedule of Prices". If delivery on the job site is specified, it shall mean any place or places on the road designated by the awarding authority or its authorized representative.
4. The contractor and/or local agency performing the actual material placement operations shall be responsible for providing work zone traffic control, unless otherwise specified in this proposal. Such devices shall meet the requirements of and be installed in accordance with applicable provisions of the "Illinois Manual on Uniform Traffic Control Devices" and any referenced Illinois Highway Standards.
5. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price. A bid will be declared unacceptable if neither a unit price nor a total price is shown.

Discounts will be allowed for payment as follows: 0 % 0 calendar days: 0 % 0 calendar days.

Discounts will not be considered in determining the low bidder.

Bidder

By (Signature)

Address

Title

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction", Adopted January 1, 2012 _____, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Manual of Test Procedures of Materials" in effect on the date of invitation of bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included here in which apply to and govern the construction of Section 2014 General County Letting _____, and in case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.

DESCRIPTION OF WORK The purpose of this proposal is to accept all quotes F.O.B. at plant or quarry for general maintenance materials and to accept the low quote for liquid calcium chloride to be used by DeKalb County or the Townships in 2014.

The maintenance materials will be ordered for each location, as needed, from the responsible bidder whose plant/quarry quote, plus the haul rate, represents the lowest "on road" cost to the County and various road districts. In unusual circumstances, such as when the plant/quarry with the lowest "on road" cost is closed, the material will be ordered from the plant/quarry with the next lowest "on road" cost.

PREQUALIFICATION OF BIDDERS The provisions for prequalification of bidders as stated in LRS#7 shall not apply to this proposal.

QUANTITIES The County and Townships reserve the right to determine the exact amount of each material to be purchased during the current year; however, estimated quantities for each item are given in the proposals.

PROPOSAL GUARANTY No proposal guaranty will be required for any of the items in this proposal.

AGGREGATE, BITUMINOUS PATCHING MIXTURE, & HOT MIX ASPHALT SURFACE COURSE: The low bidder shall be determined by the adding \$1.40 per ton for the first mile and \$0.30 per ton for each additional mile to the unit price bid.

LIQUID CALCIUM CHLORIDE This material will be ordered from the lowest responsible bidder delivered and sprayed on the road (Townships) or delivered and sprayed on road shoulders (County).

The material and methods of application shall meet the requirements of Section 663 of the Standard Specifications for Road and Bridge Construction and LR663 included in this proposal.

The Calcium Chloride solution shall be prepared by adding calcium chloride Grade 1 (77%) conforming to the requirements of AASHTO M 144, to water. The solution shall have a minimum specific gravity of 1.392 (38%) at 77 degrees F when checked with a hygrometer.

During spreading, the minimum temperature of the solution shall be maintained no lower than:

Solution	Minimum Temperature
38%	53°F
39%	60°F
40%	66°F
41%	70°F
42%	74°F

The method of measurement of Calcium Chloride applied in solution shall be gallons and the work shall be paid for at the contract unit price per gallon for Liquid Calcium Chloride.

The material shall be applied on aggregate roads between May 1 and August 31, 2014.

INSURANCE The successful bidder shall furnish a Certificate of Insurance, with the minimum requirements listed below, within 30 days of the award or the bid will be considered null and void.

1. Bodily Injury Liability - \$1,000,000
2. Property Damage Liability
 - A. Each Occurrence - \$500,000
 - B. Aggregate - \$1,000,000
3. Workmen's Compensation Coverage

CHECK SHEET
FOR
RECURRING SPECIAL PROVISIONS

Adopted January 1, 2014

The following RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

<u>CHECK SHEET #</u>	<u>RECURRING SPECIAL PROVISIONS</u>	<u>PAGE NO.</u>
1	<input type="checkbox"/> Additional State Requirements for Federal-Aid Construction Contracts (Eff. 2-1-69)(Rev. 1-1-10)	149
2	<input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts) (Eff. 1-1-88) (Rev. 5-1-93)	152
3	<input type="checkbox"/> EEO (Eff. 7-21-78) (Rev. 11-18-80)	153
4	<input type="checkbox"/> Specific Equal Employment Opportunity Responsibilities Non Federal-Aid Contracts (Eff. 3-20-69) (Rev. 1-1-94)	163
5	<input type="checkbox"/> Required Provisions - State Contracts (Eff. 4-1-65) (Rev. 1-1-13)	168
6	<input type="checkbox"/> Asbestos Bearing Pad Removal (Eff. 11-1-03)	173
7	<input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos Hot-Mix Asphalt Surface Removal (Eff. 6-1-89) (Rev. 1-1-09)	174
8	<input type="checkbox"/> Haul Road Stream Crossings, Other Temporary Stream Crossings, and In-Stream Work Pads (Eff. 1-2-92) (Rev. 1-1-98)	175
9	<input type="checkbox"/> Construction Layout Stakes Except for Bridges (Eff. 1-1-99) (Rev. 1-1-07)	176
10	<input type="checkbox"/> Construction Layout Stakes (Eff. 5-1-93) (Rev. 1-1-07)	179
11	<input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing (Eff. 1-1-95) (Rev. 1-1-07)	182
12	<input type="checkbox"/> Subsealing of Concrete Pavements (Eff. 11-1-84) (Rev. 1-1-07)	184
13	<input type="checkbox"/> Hot-Mix Asphalt Surface Correction (Eff. 11-1-87) (Rev. 1-1-09)	188
14	<input type="checkbox"/> Pavement and Shoulder Resurfacing (Eff. 2-1-00) (Rev. 1-1-09)	190
15	<input type="checkbox"/> PCC Partial Depth Hot-Mix Asphalt Patching (Eff. 1-1-98) (Rev. 1-1-07)	191
16	<input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal (Eff. 10-1-95) (Rev. 1-1-07)	193
17	<input type="checkbox"/> Polymer Concrete (Eff. 8-1-95) (Rev. 1-1-08)	194
18	<input type="checkbox"/> PVC Pipeliner (Eff. 4-1-04) (Rev. 1-1-07)	196
19	<input type="checkbox"/> Pipe Underdrains (Eff. 9-9-87) (Rev. 1-1-07)	197
20	<input type="checkbox"/> Guardrail and Barrier Wall Delineation (Eff. 12-15-93) (Rev. 1-1-12)	198
21	<input type="checkbox"/> Bicycle Racks (Eff. 4-1-94) (Rev. 1-1-12)	202
22	<input type="checkbox"/> Temporary Modular Glare Screen System (Eff. 1-1-00) (Rev. 1-1-07)	204
23	<input type="checkbox"/> Temporary Portable Bridge Traffic Signals (Eff. 8-1-03) (Rev. 1-1-07)	206
24	<input type="checkbox"/> Work Zone Public Information Signs (Eff. 9-1-02) (Rev. 1-1-07)	208
25	<input type="checkbox"/> Night Time Inspection of Roadway Lighting (Eff. 5-1-96)	209
26	<input type="checkbox"/> English Substitution of Metric Bolts (Eff. 7-1-96)	210
27	<input type="checkbox"/> English Substitution of Metric Reinforcement Bars (Eff. 4-1-96) (Rev. 1-1-03)	211
28	<input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete (Eff. 1-1-01) (Rev. 1-1-13)	212
29	<input type="checkbox"/> Portland Cement Concrete Inlay or Overlay for Pavements (Eff. 11-1-08) (Rev. 1-1-13)	213
30	<input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant (Eff. 8-1-00) (Rev. 1-1-14)	216
31	<input type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures (Eff. 4-1-92) (Rev. 1-1-14)	224
32	<input type="checkbox"/> Digital Terrain Modeling for Earthwork Calculations (Eff. 4-1-07)	240
33	<input type="checkbox"/> Pavement Marking Removal (Eff. 4-1-09)	242
34	<input type="checkbox"/> Preventive Maintenance – Bituminous Surface Treatment (Eff. 1-1-09) (Rev. 1-1-12)	243
35	<input type="checkbox"/> Preventive Maintenance – Cape Seal (Eff. 1-1-09) (Rev. 1-1-12)	249
36	<input type="checkbox"/> Preventive Maintenance – Micro-Surfacing (Eff. 1-1-09) (Rev. 1-1-12)	264
37	<input type="checkbox"/> Preventive Maintenance – Slurry Seal (Eff. 1-1-09) (Rev. 1-1-12)	275
38	<input type="checkbox"/> Temporary Raised Pavement Markers (Eff. 1-1-09) (Rev. 1-1-14)	285
39	<input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam (Eff. 1-1-09) (Rev. 1-1-12)	286

CHECK SHEET
FOR
LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS

Adopted January 1, 2014

The following LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS

<u>CHECK SHEET #</u>	<u>PAGE NO.</u>
LRS 1	290
LRS 2	291
LRS 3	292
LRS 4	293
LRS 5	294
LRS 6	295
LRS 7	301
LRS 8	307
LRS 9	308
LRS 10	309
LRS 11	310
LRS 12	312
LRS 13	314
LRS 14	315
LRS 15	318
LRS 16	319
LRS 17	320
LRS 18	321

INDEX
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2014

This index contains a listing of SUPPLEMENTAL SPECIFICATIONS, frequently used RECURRING SPECIAL PROVISIONS, and LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS.

ERRATA Standard Specifications for Road and Bridge Construction (Adopted 1-1-12) (Revised 1-1-14)

SUPPLEMENTAL SPECIFICATIONS

<u>Std. Spec. Sec.</u>	<u>Page No.</u>
101 Definition of Terms	1
102 Advertisement, Bidding, Award, and Contract Execution	2
105 Control of Work	3
106 Control of Materials	5
107 Legal Regulations and Responsibility to Public	6
108 Prosecution and Progress	14
109 Measurement and Payment	15
202 Earth and Rock Excavation	17
211 Topsoil and Compost	18
253 Planting Woody Plants	19
280 Temporary Erosion and Sediment Control	21
312 Stabilized Subbase	22
406 Hot-Mix Asphalt Binder and Surface Course	23
407 Hot-Mix Asphalt Pavement (Full-Depth)	26
420 Portland Cement Concrete Pavement	30
424 Portland Cement Concrete Sidewalk	32
440 Removal of Existing Pavement and Appurtenances	33
503 Concrete Structures	34
504 Precast Concrete Structures	37
506 Cleaning and Painting New Steel Structures	38
512 Piling	39
516 Drilled Shafts	40
521 Bearings	41
540 Box Culverts	42
588 Bridge Relief Joint System	43
589 Elastic Joint Sealer	45
602 Catch Basin, Manhole, Inlet, Drainage Structure, and Valve Vault Construction, Adjustment, and Reconstruction	46
603 Adjusting Frames and Grates of Drainage and Utility Structures	47
606 Concrete Gutter, Curb, Median, and Paved Ditch	49
610 Shoulder Inlets with Curb	50
639 Precast Prestressed Concrete Sight Screen	51
642 Shoulder Rumble Strips	52
643 Impact Attenuators	53
644 High Tension Cable Median Barrier	55
701 Work Zone Traffic Control and Protection	57
706 Impact Attenuators, Temporary	60
707 Movable Traffic Barrier	63
708 Temporary Water Filled Barrier	65
730 Wood Sign Support	67
780 Pavement Striping	68
860 Master Controller	73
1001 Cement	74
1003 Fine Aggregates	75
1004 Coarse Aggregates	77
1006 Metals	81
1011 Mineral Filler	83

1017	Packaged, Dry, Combined Materials for Mortar	84
1018	Packaged Rapid Hardening Mortar or Concrete	85
1019	Controlled Low-Strength Material	86
1020	Portland Cement Concrete	87
1024	Grout and Nonshrink Grout	126
1030	Hot-Mix Asphalt	127
1040	Drain Pipe, Tile, Drainage Mat, and Wall Drain	132
1042	Precast Concrete Products	133
1070	Foundation and Breakaway Devices	134
1073	Controller	135
1081	Materials for Planting	136
1082	Prefomed Bearing Pads	137
1083	Elastomeric Bearings	138
1095	Pavement Markings	139
1101	General Equipment	142
1102	Hot-Mix Asphalt Equipment	144
1105	Pavement Marking Equipment	146
1106	Work Zone Traffic Control Devices	147

**STATE OF ILLINOIS
DEPARTEMENT OF TRANSPORTION
DIVISION OF HIGHWAYS
LOCAL ROADS AND STREETS**

**BITUMINOUS PATCHING MIXTURES
FOR MAINTENANCE USE**

Effective: January 1, 2004
Revised: June 1, 2007

This special provision covers course graded and fine graded bituminous mixtures for use in maintaining small areas on flexible and rigid type pavement.

Materials. The materials, control, quality, sampling, testing, inspection and storage of material shall conform to the specific requirements of the Standard Specifications for Road and Bridge Construction adopted by the Department of Transportation.

Bituminous Patching Mixtures. The material supplier or contractor may furnish any of the following Bituminous Patching Mixtures listed in the individual Group for which the award was made.

Group I – Bituminous Patching Mixtures

Serial No. M-17-07: Bituminous Mixture for Maintenance Use, Emulsified Asphalt Type

Serial No. M-19-07: Bituminous Mixture for Maintenance Use, Liquid Asphalt Type

Serial No. M-20-07: Bituminous-Sand Mixture for Maintenance Use

Serial No. M-48-02: Bituminous Premix for Maintenance Use, Inverted Emulsified Asphalt CBAE-2

Serial No. M-126-07: Bituminous Mixes for Maintenance Use, Reinforced Fiber Mixture

Bituminous Patching Mixture (HMA): This mixture shall conform to the material requirements of Section 1030. The mixture shall be a High ESAL IL-12.5 N50, High ESAL IL-9.5 N50, or Low ESAL IL-9.5 N30 mix. The bituminous material shall be limited to asphalt PG 58-28 or PG 52-28.

Group II – Bituminous Patching Mixture (Proprietary)

Serial No. M-120-07: Bituminous Premix for Maintenance Use - Optimix, Sylcrete, UPM, QPR-2000, EZ Street, SMP - Proprietary Sources

Serial No. M-133-96: Bituminous Premix for Maintenance Use, Instant Road Repair - Proprietary

Placing of Bituminous Patching Mixture. All holes and depressions in the existing surface which exceed $\frac{3}{4}$ " in depth shall be repaired by removal of all loose and defective material and replaced with the specified Bituminous Patching Mixture. The material shall be compacted to produce a tight surface conforming to the adjacent area.

Method of Measurement. Bituminous patching mixture will be measured for payment in metric tons (tons).

Basis of Payment. This work will be paid for at the contract unit price per metric ton (ton) for BITUMINOUS PATCHING MIXTURE (GROUP I); BITUMINOUS PATCHING MIXTURE (GROUP II);

| When bids are taken F.O.B. trucks at the mixing plant a hauling differential of \$_____ per ton-mile haul from mixing plant to location designated in the proposal will be used to determine the low bid. Round trip distance shall be used to calculate the hauling differential to be used to compare bids. Bidders are required to fill in the location of the plant from where they propose to supply the patching mixture, on the material proposal form.

State of Illinois
DEPARTMENT OF TRANSPORTATION
Bureau of Local Roads and Streets

SPECIAL PROVISION
FOR
CALCIUM CHLORIDE APPLIED

Effective: June 1, 1958
Revised: January 1, 2007

All references to Sections or Articles in this specification shall be construed to mean a specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

Description. This work consists of furnishing and applying to aggregate base or surface courses, a solution of calcium chloride. The same type of solution shall be used throughout the work.

Materials. Materials shall meet the requirements of the following Articles of Section 1000 - Materials:

Item	Article/Section
(a) Water.....	1002
(b) Calcium Chloride - CaCl ₂ (Note 1)	1013.01

Note 1. The Engineer shall determine percent calcium chloride required. The Contractor shall provide the State with the appropriate mixing formula for Type S and water to achieve the required percentage. The Contractor shall supply the Type L at the percent calcium chloride specified.

Equipment. A tank truck or spreader unit assembly, equipped with spray bars and nozzles shall be used. A positive displacement pump driven from a power source or from the wheels of the spreader/unit assembly shall be used to develop sufficient pressure at the spray bar nozzles to insure uniform distribution of the solution at the specified application rate. Spray bars of various lengths shall be used so that the solution may be applied in widths varying from 1.2 to 7.2 meters (4 to 24 feet). The motor vehicle shall be capable of maintaining a constant speed during the time of application. The tank truck or spreader/unit assembly shall be equipped with a suitable device, visible to the driver, to accurately determine the rate at which the solution is applied. Suitable charts shall be furnished to enable correlation of the vehicle speed and rate of application.

When the tank truck is used to mix calcium chloride Type S with water, the pump and piping shall be so arranged that thorough mixing of the ingredients will be accomplished as rapidly as possible without excessive heating.

Certification. At the time of delivery, the supplier shall furnish the purchaser two copies of the delivery report that shall contain the following data:

- (a) The liters (gallons) at 25 °C (77 °F) and weight of solution delivered.
- (b) The specific gravity and temperature of the solution at the time of loading.
- (c) The percentage of calcium chloride in the solution.
- (d) The percentage of magnesium chloride and alkali chlorides contained in the solution

Sampling and Testing. The first truck load shipped of a contract will be sampled at its destination by the purchaser's personnel. Random check samples representing 10% of the contract quantity shall be taken of subsequent loads. The samples shall be packaged in an 1 quart plastic container and sent with the certification data sheet to the Bureau of Materials and Physical Research, 125 East Ash Street, Springfield, IL 62704, for testing.

CONSTRUCTION REQUIREMENTS

General. The rate of application per square meter (square yard) and the quantity shown in the contract is based on the amount of chloride to be applied. The actual application rate shall be the rate shown in the contract divided by the decimal equivalent of the percent chloride.

Application Rate. The rate of application shall be _____ kg per square meter (1 pounds per square yard)

Note 2. The normal application rate is 0.68 kg per square meter (1.2 pounds per square yard). The specified application rate shall be between 0.45 to 0.84 kg per square meter (0.8 to 1.5 pounds per square yard).

Application of Calcium Chloride Solution. The solution shall be applied to the base or surface course through the spray bars in not more than two applications. The entire surface shall be covered uniformly without excessive transverse or longitudinal overlap. The solution may be applied to irregular-shaped areas by means approved by the Engineer.

Method of Measurement. Calcium chloride applied will be measured for payment by mass (weight) in metric tons (tons).

The quantity of calcium chloride for which payment will be made will be the total mass (weight) multiplied by the decimal equivalent of the percent of anhydrous chloride.

Basis of Payment. This work will be paid for at the contract unit price bid per metric ton (ton) for CALCIUM CHLORIDE APPLIED.