



Cherokee County Board of Commissioners
Purchasing Department
1130 Bluffs Parkway, Canton, GA 30114
Phone: (678) 493-6000
Fax: (678) 493-6035

REQUEST FOR BIDS

RFB No. 2019-036 Earney Road Improvements Project No. 63003 - Cherokee County

THE PROJECT: The Cherokee County Board of Commissioners Purchasing Department (County) is requesting competitive sealed Bids or Proposals in support for the construction of the **Earney Road Improvements, Project No. 63003 - Cherokee County**, as per current Georgia DOT Standards and Specifications as described herein.

There will be will not be a mandatory meeting to review the requirements.

The term of Agreement(s) resulting from this solicitation can be found in the Statement of Work.

All times in the solicitation are local times to Cherokee County Board of Commissioners, 1130 Bluffs Parkway, Canton, Georgia 30114.

The Bidder shall be responsible for performing at least 60 percent of the work in this contract. The Bidder shall not sub-contract, transfer, assign or otherwise dispose of the contract or any portion thereof, without the written consent of the County. The County reserves the right to reject any or all bids/proposals, to waive technicalities and to make a selection and final award as deemed to be in the best interest of the County, including using any form of contract it deems most advantageous to the County. The County further reserves the right to reject the bid of any vendor who has previously failed to perform properly or complete on time contracts of a similar nature, or who upon investigation shows is not in a position to perform the contract. Incorporated herein by this reference are Cherokee County's Standard Solicitation Terms and Condition.

SCHEDULE:

Issued	April 15, 2019
Questions Due	April 30, 2019 by 4:00 PM
Answers Due	May 3, 2019 by 4:00 PM
Bids/Proposals Due	May 16, 2019 at 10:00 AM
Anticipated Award Date	June 4, 2019

THE EXPECTED PERIOD OF PERFORMANCE IS:

The base period of performance is broken down into two areas; Physical Delivery of Product(s) and Service Delivery. This is a function of the Statement of Work (SOW) and/or specification and reflects if there is physical item or items to be delivered and / or delivery of services. An X in the box corresponding to item 1 below, Physical Delivery indicates a physical item or items are to be delivered and an X in the 2. Delivery of Services indicates that Services are to be performed. Either or both may apply to the work contemplated by this solicitation.

Additionally, should there be and X in the box corresponding item 3. Option Grant, then the County requests the right to extend the period of performance beyond the Base Rate as specified.

1. NO PHYSICAL ITEMS PHYSICAL DELIVERY REQUIRED:

For Physical Delivery solicitations, the period of performance for an award shall begin with either the placement of Purchase Order or the date indicated on the Agreement. All items to be delivered are to be FOB Cherokee County at the address indicated in the solicitation. Performance shall be complete upon final acceptance by the County. Time is of the essence for the delivery of each item specified. Warranty requested as below:

Warranty Term Requested: _____

2. No SERVICES REQUIRED PERFORMANCE OF SERVICES:

For Performance of Services solicitations, the period of performance shall begin with the placement of either a Purchase Order or the date of the Agreement unless the Agreement, the SOW or the Solicitation Terms indicate that performance shall begin upon the issuance of an Authorization to Proceed (ATP), in which case the ATP would represent the beginning of performance. Term of services requested are as below:

Services Term:

- One Year
 Two Years
 Three Years
 Other: 365 calendar days from NTP or issuance of Purchase Order

3. OPTION GRANT:

This solicitation contains requested options; please see pricing sheet for details.

SUBMITTAL INSTRUCTIONS:

Interested Bidders/Proposers should carefully review the requirements defined herein and provide complete and accurate submissions that should include the following items (if indicated by an X in the box:

- Information and Addenda Acknowledgement Form (Appendix A),
- Non-Influence and Non-Collusion Affidavit (Appendix B),
- E-Verify Affidavit (Appendix C),
- References* (Appendix D),
- Acceptance of County' Standard Agreement**, as below: (Appendix E),
 - Professional Services Agreement
 - Construction Services Agreement
 - Other: _____
- Suspension, Debarment and Litigation Affidavit (Appendix F),
- Contractor's License Certification (Appendix G)
- Bonds Requirements if the price bid > \$100K
 - Ability to Provide Performance, Labor & Matl. Payment Bond (Appendix H)
 - Bid Bond (See Appendix I)
- Evidence of/ability to provide Insurance at the limits identified herein,***
- Certifications, Licenses or Registrations as required by law and/or as requested.
- Pricing on the Pricing Form provided (Bid Form)
- Contractor's Qualifications Statement (Appendix J)
- Added Terms to Construction Service Agreement (Attachment)
- Substitutions Proposed: See Instructions Standard Solicitation Terms****, Item 9
- _____
- _____

Notes:

*The County reserves the right to contact not only those references provided, but may also use previous performance for the County, other contacts it identifies and other sources of information believed to be viable to evaluate capability, viability and performance.

**If Acceptance of County's Standard Agreement is checked, all work/items defined herein are to be quoted according to these requirements. Copies of these agreements can be located at the County's Procurement web page.

***Insurance levels requested are those identified in the County's Standard Agreement, section "I."

****Standard Solicitation Terms Refer to Cherokee County Standard Solicitation Terms and Conditions

EVALUATION CRITERIA:

Bids/Proposals that contain options or additive work above and beyond the base bid will be evaluated financially according to the criteria described in the solicitation. However, should the use of options or additive work proposed exceed the County budget, the County retains its rights to address such situations as described in its Standard Terms For Bid and Proposal Solicitation as well as the right to award based on the base bid only or the base bid plus quoted additive work that is within its budget.

Bids determined to be Responsive and Responsible will be ranked based Bid Form Criteria.

OR

Proposals determined to be Responsive and Responsible will be evaluated on the following criteria:

100%	Price
100%	TOTAL

HOW AND WHERE TO SUBMIT BIDS AND PROPOSALS:

The County has two methods for receiving bids and proposals that are mutually exclusive; either electronically or by physical receipt. The box with the “X” below indicates how and where bids or proposals are to be submitted. The County will NOT accept proposals by fax, or e-mail unless authorized, in writing, by the Procurement Director. The solicitation submission deadline will be strictly enforced; no late bids/proposals will be accepted for any reason, please plan accordingly.

A. Electronic Submissions Only:

Bids and Proposals are to be submitted electronically ONLY to the County’s designated Web site or location. Physical copies are not to be submitted unless approved in advance by the Purchasing Director.

Proposals and all requested documentation to be provided electronically should in the Adobe Portable Document Format (PDF) unless otherwise indicated in these solicitation instructions. Documents provided in response to this solicitation are to be named according to the following naming convention:

- a. [Solicitation Number]_[Vendor Name]_[Document Type]
Example: “2017-111_ABC Company_Proposal”

AND/OR

B. Physical Submissions Only:

Bids and/or Proposals are to be submitted on-time and ONLY in physical (paper) form and delivered to Cherokee County Procurement Department, Solicitation # 2019-036, 1130 Bluffs Parkway, Canton GA 30114. On-line submissions are not to be tendered without the advanced approval of the Purchasing Director.

Number of Submittals: 1 Original and 1 Copy

QUESTIONS/ADDENDA: Only written inquiries will be permitted during the solicitation period. Questions are to be submitted via Vendor Registry for this solicitation no later than the date and time indicated in the Schedule, as may be amended. Answers will be posted via formal Addendum and only released as part of the solicitation documents on the County’s designated website. All interested parties are instructed to monitor the County’s website on a regular basis throughout the solicitation period. The final date for posting of Addenda is per the Schedule, as may be amended.

STATEMENT OF WORK:

The Cherokee County Roadway Capital Program Management Division is requesting bids for the following project:

Earney Road Improvements, Project No. 63003 - Cherokee County, as per current Georgia DOT Standards and Specifications.

Contract Time: 365 Calendar days, Proposal Guarantee: 5%

Bidders must be unconditionally qualified prospective bidders in accordance with Chapter 672-5 of the Rules of the Georgia Department of Transportation.

The work to be done consists of the furnishing of all material, labor and equipment for this project. All work performed for this project will be in accordance with Georgia Department of Transportation Standard Specifications For Construction of Roads and Bridges, latest edition. Liquidated Damages assessed as per section 108.08 of the Georgia Department of Transportation Standard Specifications.

PROJECT SPECIFICS:

1. The Contractor shall not perform work or move equipment or materials on the traveled way that visibly interferes with traffic flow on the mainline or local streets between the hours of 7:00 AM to 8:30 AM and 4:00 PM to 6:00 PM, Monday through Friday unless approved by the Engineer. Equipment or materials moved on or across the traveled way at other times shall be done in a manner as not to unduly interfere with traffic.
2. If night work is necessary to perform project work, a written request shall be submitted to Cherokee County and approved at least three days in advance. Working hours for night work are between 8:00 PM and 6:00 AM, Monday through Friday, unless approved by the Engineer.
3. It is the contractor's responsibility for coordination of utilities.
4. Construction signs need to be mounted.
5. Contractor shall use a shuttle buggy on this project.
6. Contractor shall use reduced speed limit signs per GDOT 150 to be included in cost for traffic control.

EARNEY ROAD PROJECT STIPULATIONS:

1. Parcel 26 –
 - All stumps from cut trees shall be removed.
 - Ensure no back up of water around well.
 - Well will not be disturbed during construction.
2. Parcel 28 –
 - Owner wants to retain the 2 tree trunks to be removed during construction for firewood.
3. Parcel 29 –
 - At station 49+83 40'RT owner wants to save oak tree.
4. Parcel 32 –
 - Convert 2:1 slopes to 4:1 slopes. Owner hereby grants sufficient easement to accomplish this task.

- Maple tree closet to road will be maintained.
5. Parcel 33 –
 - If the project causes any flooding to property, County will address it.
 - County will repair any water leaks between the meter and the house for 12 months after end of construction.
 - Owner wants 4:1 back slopes for cutting lawn.
 - County will coordinate the pouring of driveway with owner.
 6. Parcel 34 -
 - The contractor will try not to disturb the rose-of-sharon plant at the end of eastern driveway replacement.
 - Rocks in the center of property surrounding the planted landscape garden will be maintained just beyond the TCE.
 - Westernmost driveway will be replaced with asphalt.
 7. Parcel 35 –
 - Stumps and visible roots will be removed of the two large maple trees in the TCE.
 8. Parcel 36 –
 - Contractor will remove and pour entirety of owner’s driveway and sidewalk. Owner hereby grants sufficient TCE to accomplish this provision.
 - Contractor shall maintain mailbox
 - Contractor will coordinate pouring of driveway and sidewalk with owner.
 - Disturbed areas will be redressed with owner’s choice of sod.
 - All construction debris will be removed from property.
 - Construction on owners property shall terminate 12 months from the start of construction on owners property, except for utility relocations, weather permitting.
 - Westernmost driveway will be eliminated as shown on the plans.
 9. Parcel 37-
 - The dogwood tree near the road will not be disturbed.
 10. Parcel 38 –
 - Do not disturb shed when installing 18” storm pipe along the side property line.
 - Grade swale on top of 18” storm pipe and direct flow to proposed drop inlets.
 - Reconstruct entire concrete driveway and portion of sidewalk. Pitch driveway pad away from house. County will coordinate the pouring of driveway with owner
 - Reset chain link fence, posts, and gate as necessary. Replace wood fence and gate(s) in like and kind.
 - Owner will mark trees in backyard that will be left for firewood, all other parts will be hauled off by County.
 - County will remove tree approximately 20’ NE of the NE end of shed. Labeled 30” SYC on plans.
 - Maintain boulder at corner of house.
 - Do not disturb fencing at end of driveway.
 11. Parcel 39 –
 - If the project causes any flooding to property, County will address it
 - Owner wants curb and gutter across front of property
 12. Parcel 40 –
 - Contractor will set aside windmills for owner’s future use
 - Reset chain link fence, posts, and gate
 13. Parcel 41–

- Contractor will slightly pitch replacement driveway to the right(west)
 - Should storm water enter the owners' basement due to this project, the County will redress the design
14. Parcel 42 –
- 2:1 slopes will be converted to 4:1, owner grants sufficient TCE to accomplish this task
 - Contractor will not disturb the landscaping in the northeast corner of property
15. Parcel 44 –
- Temporary and permanent fencing will be installed to contain livestock at all times
 - Owners gate will not be disturb
 - Two trees east of driveway at sta 60+16 will not be disturbed
 - Pouring of both driveways will be coordinated with owner.
16. Parcel 46-
- Contractor will coordinate pouring of driveway with owner.
 - Contractor will maintain mailbox during construction
17. Parcel 47 –
- Mailbox will be maintained
18. Parcel 48–
- Contractor will preserve the two cherry trees in the TCE
 - Pouring of the driveway will be coordinated with the owner.
 - Owner wants 4:1 back slopes and grants easement to do so.
19. Parcel 50 –
- Contractor will coordinate with owner before disturbing any water lines
20. Parcel 51 –
- Dogwood tree on east side of TCE will not be disturbed
21. Parcel 52 –
- Contractor will deliver at least 20 truckloads of asphalt millings from Earney road project if possible
22. Parcel 53 –
- Contactor will coordinate pouring of driveway with owner.
 - Japanese Maples will be preserved.
 - Dogwood tree closest to road will be removed.
 - Contractor will use 4:1 tie-in slopes and owner grants easement to do so.
23. Parcel 54 –
- Contractor will use 4:1 tie-in slopes and owner grants easement to do so.
24. Parcel 55 –
- If vehicles bottom out on replacement driveway, contractor will redress
 - Large oak tree on left side of top of driveway will be preserved if possible
 - Any trees in the TCE that are preserved will be removed at County's expense.
25. Parcel 57 –
- County will extend driveway replacement to next joint. Additional easement is hereby granted to accomplish this task.
 - County will coordinate pouring of driveway with owner.
26. Parcel 58 –
- Oak tree at Sta 72+70 40'LT will be saved
 - Contractor will leave logs for the 4 hickory trees to be removed

- Contractor will extend driveway replacement to seam seven feet back, owner hereby grants sufficient DWE to accomplish this task.
 - Contractor will maintain large hardwood in back of TCE near STA 72+85
 - If practical the contractor will maintain Bradford pear trees on east side of driveway.
27. Parcel 59-
- Mail box will be maintained
 - Contractor will remove and dispose of landscape timbers along driveway
 - Boulders in TCE will be maintained and pushed back ten feet if necessary
28. Parcel 60-
- 2:1 back slopes will be converted to 4:1 and owner hereby grants any necessary TCE to accomplish this task.
 - Mailbox will be maintained
 - Replaced driveway will be carried back to closet seam
 - Replacement of driveway to include right pull over portion
29. Parcel 63 –
- Large maple tree at approximately STA 76+00RT will be removed with stump. Owner grants sufficient TCE to accomplish this task
30. Parcel 64 –
- Coordinate pouring of driveway with owner.
 - Use 4:1 tie-in slopes and owner grants easement to do so.
 - Replace driveway back to nearest construction joint.
31. Parcel 65 –
- Convert 2:1 slopes to 4:1 slopes. Owner hereby grants sufficient easement to accomplish this task.
 - County will re-establish disturbed property pins.
32. Parcel 66 –
- The proposed ditch will be replaced with a swale.
 - Pouring of the driveway will be coordinated with the owner
 - The opening of the driveway apron will be 28 feet wide
 - The 2:1 slopes will be converted to 4:1 slopes; any additional easement needed is hereby granted.
33. Parcel 67-
- Mailbox will be maintained
 - Driveway at Sta 78+51LT will be asphalt
 - Driveway paving will be coordinated with owner
34. Parcel 68 -
- Driveway to be replaced with concrete
 - Livestock to remain fenced in at all times
 - 2 driveways required to be constructed. One at 95' from west pin and second from 121' of west pin(standard 16' wide)
 - Water to be piped under both driveways
35. Parcel 69 –
- Contractor to clean ditch from proposed pond to lowest point before and after project
 - Contractor to remove the two large pine trees east of proposed pond
 - Well next to driveway not to be disturbed
 - Chained link fence to be replaced along right of way
 - Ditch to pond runaround to be piped so that fence can be installed level to ground

36. Parcel 70-

- Owners driveway will not be shifted
- Driveway repaving will be coordinated with owners
- Mailbox will be maintained

37. Parcel 71 –

- Contractor to remove large oak tree and stump at approximately STA 84+25RT, owner grants sufficient TCE to accomplish this task
- Fire hydrant to be kept on property
- (Property owner will take down with prior notice of construction and save old fence)

38. Parcel 73 –

- (Owner will remove and retain old fence with prior notice on construction)
- Apple trees will not be disturbed

39. Parcel 75 –

- Contractor to tie-in with 4:1 slopes, sufficient TCE is granted to accomplish this task

40. Parcel 76 –

- Contractor to tie-in with 4:1 slopes, sufficient TCE is granted to accomplish this task

END OF STATEMENT OF WORK

RFB 2019-036 – Earney Road Improvements

BID PROPOSAL

Proposal of _____ (Hereinafter called “Bidder”) a contractor organized and existing under the laws of the State of _____ and doing business as _____.

TO: Cherokee County
(Hereinafter called "County")

Gentlemen:

The Bidder in compliance with your Notice to Contractors and all Bidding Documents for the **Earney Road Improvements, Project No. 63003 - Cherokee County**, project, having examined the plans and specifications with related documents and the site of other proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project, including the availability of materials and supplies to construct the project in accordance with the contract documents, within the time set forth herein, and at the prices stated below, proposes to enter into a Contract, on the form provided by Cherokee County, with Cherokee County to provide the necessary machinery, tools, apparatus, all materials and labor, and other means of construction necessary to complete the Work. The undersigned proposes to furnish and construct the items listed in the attached Schedule of Items for the unit prices stated.

Bidder agrees that the cost of any work performed, materials furnished, services provided or expenses incurred, which are not specifically delineated in the Contract Documents, but which are incidental to the scope, the intent, and completion of the Contract, shall be deemed to have been included in the price bid for the various items scheduled.

Bidder agrees to provide payment and performance bonds on the forms provided by Cherokee County and in conformance with applicable Georgia law. Any such bonds shall be subject to review and approval of the County Attorney.

Bidder, if successful, prior to commencement of the work shall execute a written oath as required by O.C.G.A. §§ 32-4-122 and 36-91-21(e).

Bidder further proposes and agrees hereby to promptly commence the Work with adequate force and equipment with seven (7) calendar days from receipt of Notice to Proceed, or as may be specified by Special Provision, and to complete the Work as specified by the schedule in Special Provision Section 108-08 of the Georgia Department of Transportation Standard Specifications, latest edition.

The undersigned Bidder further agrees that in case of failure on his part to execute said contract and bonds, or provide satisfactory proof of carriage of the insurance required, within fourteen (14) calendar days after notification of award thereof, the Bid Bond or certified check accompanying his bid and the money payable hereon shall be forfeited to the County not as a penalty, but as liquidated damages because actual damages would be difficult or impossible to determine; otherwise, the check or Bond accompanying this proposal shall be returned to the Bidder.

The Bidder declares that he understands that the quantities shown on the proposal are subject to

adjustment by either increase or decrease, and that should the quantities of any of the items of work be increased, the undersigned proposes to do the additional work at the unit prices stated herein; and should the quantities be decreased, he also understands that payment will be made on actual quantities at the unit price bid and will make no claim for anticipated profits for any decrease in the quantities, and that actual quantities will be determined upon completion of work, at which time adjustment will be made to the Contract amount by the direct increase or decrease.

Bidder: _____
(Company Name)

By: _____

Title: _____

Mailing Address: _____

BID FORM ON FOLLOWING PAGE

RFB 2019-036
Earney Road Improvements
Bid Form

Section Roadway Items					
ITEM NUMBER	DESCRIPTION	UNIT	QTY	UNIT PRICE	COST
150-1000	TRAFFIC CONTROL	LS	1		
207-0203	FOUNDATION BACKFILL MATERIAL, TYPE II	CY	400		
210-0100	GRADING COMPLETE	LS	1		
210-0250	UNDERCUT EXCAVATION	CY	400		
310-5060	GR AGGR BASE CRS, 6 INCH, INCL MATL	SY	1469		
310-5100	GR AGGR BASE CRS, 10 INCH, INCL MATL	SY	14300		
318-3000	AGGR SURF CRS	TN	200		
402-1802	RECYCLED ASPHALT CONCRETE PATCHING INCL BM & HL	TN	200		
402-1812	RECYCLED ASPHALT CONCRETE LEVELING INCL BM & HL	TN	200		
402-3121	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INC BITUM & H LIME	TN	3177		
402-3130	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2, INCL BITUM MATL & H LIME	TN	1329		
402-3190	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	TN	1617		
413-0750	TACK COAT	GL	2195		
432-5010	MILL ASPHALT CONC PVMT, VARIABLE DEPTH	SY	347		
441-0016	DRIVEWAY CONCRETE. 6 IN TK	SY	3528		
441-0104	CONCRETE SIDEWALK, 4 IN.	SY	49		
441-0303	CONC. SPILLWAY, TP 3	EA	2		
441-4020	CONC VALLEY GUTTER, 6 IN	SY	529		
441-4030	CONC VALLEY GUTTER, 8 IN	SY	51		
441-6216	CONC CURB & GUTTER, 8 IN X 24 IN, TP 2	LF	7156		
500-3800	CLASS A CONCRETE, INCL REINF STEEL	CY	2.32		
550-1180	STORM DRAIN PIPE, 18 IN, H 1-10	LF	2649		
550-1240	STORM DRAIN PIPE, 24 IN, H 1-10	LF	504		
550-1300	STORM DRAIN PIPE, 30 IN, H 1-10	LF	103		
550-2180	SIDE DRAIN PIPE, 18 IN, H 1-10	LF	268		
550-2240	SIDE DRAIN PIPE, 24 IN, H 1-10	LF	52		
550-4118	FLARED END SECTION, 18 IN, SIDE DRAIN	EA	14		
550-4124	FLARED END SECTION, 24 IN, SIDE DRAIN	EA	4		
550-4218	FLARED END SECTION, 18 IN, STORM DRAIN	EA	10		
550-4224	FLARED END SECTION, 24 IN, STORM DRAIN	EA	1		
600-0001	CONCRETE - FLOWABLE FILL	CY	15		
603-2180	STN DUMPED RIP RAP, TP 3, 12 IN	SY	310		

603-7000	PLASTIC FILTER FABRIC	SY	310		
610-0209	REM CH LK FENCE, 4 FT	LF	1142		
610-5788	REM CH LK FENCE GATE	EA	2		
611-3000	RECONSTR CATCH BASIN, GROUP 1	EA	2		
611-5004	RESET CH LK FENCE GATE	EA	1		
611-5010	RESET CH LK FENCE, 4 FT	LF	100		
611-5360	RESET HIGHWAY SIGN	EA	2		
634-1200	RIGHT OF WAY MARKERS	EA	99		
643-0050	TEMPORARY FIELD FENCE	LF	220		
643-1432	CH LK FENCE, PVC, 4 FT, 9 GAUGE	LF	1790		
643-8030	GATE, CHAIN LINK, PVC COAT	EA	2		
643-8200	BARRIER FENCE (ORANGE), 4 FT.	LF	100		
668-1100	CATCH BASIN, GP 1	EA	15		
668-1110	CATCH BASIN, GP 1, ADDL DEPTH	LF	1		
668-2100	DROP INLET, GP 1	EA	6		
668-4300	STORM SEWER MANHOLE, TP 1	EA	2		
668-4311	STORM SEWER MANHOLE, TP 1, ADDL DEPTH, CL 1	LF	2		
668-5000	JUNCTION BOX	EA	6		
668-7000	DIVEWAY GRATE INLET, SPECIAL DESIGN, PIPE SIZE 18 INCH	EA	1		
668-7018	DRAIN INLET, 18 IN	EA	1		

Sub Total

Section Signing & Marking Items

ITEM NUMBER	DESCRIPTION	UNIT	QTY	UNIT PRICE	COST
636-1033	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	SF	45.5		
636-1036	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 11	SF	142.31		
636-2070	GALV STEEL POSTS, TP 7	LF	129		
636-2080	GALV STEEL POSTS, TP 8	LF	90		
636-2090	GALV STEEL POSTS, TP 9	LF	120		
636-3010	GROUND-MOUNTED BREAKAWAY SIGN SUPPORT	EA	3		
652-0120	PAVEMENT MARKING, ARROW, TP 2	EA	2		
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	9250		
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	LF	8500		
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	80		
654-1001	RAISED PVMT MARKERS, TP 1	EA	120		
654-1003	RAISED PVMT MARKERS, TP 3	EA	7		

Sub Total

Section Erosion Control Items

ITEM NUMBER	DESCRIPTION	UNIT	QTY	UNIT PRICE	COST
163-0232	TEMPORARY GRASSING	AC	2.35		
163-0240	MULCH	TN	100		
163-0300	CONSTRUCTION EXIT	EA	2		
163-0527	CONSTRUCT AND REMOVE RIP RAP CKDM, STN P RIPRAP/SN BG	EA	65		
163-0541	CONSTRUCT AND REMOVE ROCK FILTER DAMS	EA	6		
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	EA	39		
165-0010	MAINT OF TEMP SILT FENCE, TP A	LF	2518		
165-0030	MIAINT OF TEMP SILT FENCE, TP C	LF	1205		
165-0041	MAINT OF CHECK DAMS - ALL TYPES	LF	1300		
165-0101	MAINTENANCE OF CONSTRUCTION EXIT	EA	2		
165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	EA	39		
165-0110	MAINT OF ROCK FILTER DAM	EA	6		
167-1000	WATER QUALITY MONITORING AND SAMPLING	EA	2		
167-1500	WATER QUALITY INSPECTIONS	MO	12		
171-0010	TEMPORARY SILT FENCE, TYPE A	LF	5035		
171-0030	TEMPORARY SILT FENCE, TYPE C	LF	2410		
700-6910	PERMANENT GRASSING	AC	4.65		
700-7000	AGRICULTURAL LIME	TN	9.3		
700-8000	FERTILIZER MIXED GRADE	TN	4.65		
700-8100	FERTILIZER NITROGEN CONTENT	LB	930		
700-9300	SOD	SY	500		
711-0100	TURF REINFORCING MATTING, TP 1	SY	900		
716-2000	EROSION CONTROL MATS, SLOPES	SY	4000		
Sub Total					
Total					

Company Name

Printed Name

Signature

Date