STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION 2800 BERLIN TURNPIKE NEWINGTON, CONNECTICUT 06111

INVITATION TO BID

Date Advertised: October 2, 2019

Sealed bids for the construction of the following project(s) will be received by the Commissioner of Transportation, by <u>submitting the bid electronically (only) through the Bid Express Website (bidx.com)</u>. <u>PAPER BIDS WILL NOT BE ACCEPTED</u>.

Bid Opening (Letting) Date and Time: October 30, 2019 at 2:00 p.m. Bids will <u>NOT</u> be accepted after 2:00 pm. <u>NO EXCEPTIONS</u>. The official time is the Bid Express Letting time indicator. The bids will be publicly opened and read in the <u>CONFERENCE ROOM</u> on the main floor. Apparent bid totals are available at <u>https://www.bidx.com/ct/main</u>, by accessing the "Lettings" tab.

Proposal ID Number: 0123-0066

Project Scope Code: E

State Project Number(s) & Description: Project No. 123-066; Replacement of Bridge No. 00681 Huntington Road Route 14 over Merrick Brook in the town of Scotland.

Required Prequalification Work Classification(s): 9 – Intermediate Bridges

Federal-aid Project Number(s) & Funding Source: State

Pre-Bid Conference and/or Site Visit Information: N/A

District Number(s): 2 Norwich

Contract DBE % Goal or SBE % Set-Aside: 12% SBE

The apparent low bidder's DBE or SBE Commitment Approval Request form(s) meeting the established DBE contract goal percentage or SBE set-aside percentage, including Good Faith Effort (GFE) documentation for DBE goals, if applicable, are due to the Department no later than five (5) calendar days after the bid opening. It is highly recommended that all bidders complete the required documentation during their bid preparation process in order to meet the DBE or SBE submittal requirement as the apparent low bidder. If not received on time, your bid may be rejected as provided by Section XI of the Construction Contract Bidding and Award Manual.

A list of bid items and quantities is attached. This list is **NOT** the official bid proposal form.

<u>OFFICIAL BID PROPOSAL FORMS MUST BE REQUESTED</u> – Please complete the Bid Proposal Request Form (Part C) located on the DOT website at the following LINK -<u>http://www.ct.gov/dot/cwp/view.asp?a=2288&q=259262</u>, and submit it by email to <u>DOTContracts@ct.gov.</u> Please read the instructions on the Part C Form.

PLANS, SPECIFICATIONS & ADDENDA ARE AVAILABLE ON THE CONTRACTING PORTAL FREE OF CHARGE

Secure Electronic Bidding with Bid Express (www.bidx.com): Please refer to the attached document entitled

"Electronic Bidding Instructions / Requirements for Bidders".

Prequalification Requirements: Prospective bidders must be prequalified with the Department of Transportation and have on file a sworn Statement (CON 16) by the time of the bid. In order to help ensure that prospective bidders may become prequalified in time for the bid opening for a given contract, contractors should be certain to return the Prequalification Application (CON 16) with all necessary information, signatures and notarized documents, to the DOT Contracts Unit at least thirty (30) calendar days before requesting a bid proposal form for that contract.

Bid Proposal Forms: All prospective bidders requesting to obtain the "official" Bid Proposal Form must submit a completed Bid Proposal Request Form (Part "C") to the DOT Contracts Unit per the above instructions.

If the Bid Proposal Request Form (Part C) and the Contractor's Prequalification Application are found to be satisfactory, the bidder will receive an email response from the Department approving the request to bid and instructing the bidder to download the electronic Bid Proposal Form (aka EBSX file) from the Bid Express Website (bidx.com).

Approved bidders will be required to download the official Bid Proposal Form (aka EBSX file) and associated amendment files (.00#), if applicable, from the Bid Express website (bidx.com), <u>only after they have received</u> the email response from the Department approving them to bid.

It is the bidder's responsibility to ensure that they download the complete official Bid Proposal Form (EBSX file) and any amendment files (.00#) associated with that specific Bid Proposal Form, from the latest letting date. Amendment files (.00#) are posted to the Bid Express website when there is a change to the bid proposal form, including a letting date change. The Department is not liable for the bidder's failure to ensure that they download the official Bid Proposal Form (EBSX file) and amendment files (.00#) from the Bid Express website.

<u>NOTE:</u> Prequalification status is confirmed every time a contractor submits a Request for Bid Proposal Form (Part C). All bid proposals must be on the electronic bid form/file furnished by the Department of Transportation. Official bid proposals are not included in the Plans and Specifications and are non-transferable.

DBE Participation: The contract goal for DBE participation equaling the percent (indicated above) of the total Contract value has been established for this Contract. Compliance with this provision may be fulfilled when a DBE or any combination of DBEs perform work under the contract in accordance with 49 CFR Part 26 Subpart C Section 26.55, as revised.

The Department of Transportation hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, qualified Disadvantaged Business Enterprises, Small Contractor or Small Contractor Minority Business Enterprises will be afforded full opportunity to submit bids in response to this invitation and that they will not be discriminated against on the grounds of race, color, national origin, sex, sexual orientation, mental retardation or physical disability including but not limited to blindness, in consideration for an award.

FTA - Buy America Certificates and Certification Regarding Lobbying: These certifications are required with all Federal Transit Administration funded projects. Please refer to funding source above to determine the requirement.

Bid Security: Except when otherwise specified in the bid documents, no proposal will be considered unless; (a) it is accompanied by a proposal guaranty in the form of a bid bond from a surety company, satisfactory to the Commissioner, on the form furnished by the Department, in an amount equal to at least 30% of the amount of the bid; or (b) the bidder has on file in the Contract Section a current annual bid bond, satisfactory to the Commissioner, on the form provided by the Department for an amount equal to at least 30% of the aggregate

amount of all current bids by the bidder for the Department's construction contracts.

When submitting the bid electronically through Bid Express (Bidx.com), bidders must scan and submit the bid bond in PDF format, properly completed and signed, prior to the date and time of the bid opening, via a single email to <u>dotbid@ct.gov</u>. In the subject matter of the email please enter "Bid Bond – Project Number(s) xxxx-xxxx". The original signed bid bond will be required of the low bidder within 7 days after the bid opening.

DOT encourages bidders to file an "Annual" Bid Bond with the Department so that the bidder does not have to submit a bid bond each time they bid on a specific project/proposal.

At the time of the bid opening, the surety must be a corporate surety licensed by the Insurance Commissioner of the State of Connecticut and must hold a Certificate of Authority as an acceptable Surety and/or Reinsuring Company acceptable to the Federal Department of Treasury. The surety's underwriting limitation must not be less than the full amount required by the bond itself.

Pre-Bid Questions and Answers: Questions pertaining to DOT advertised construction projects must be presented through the CTDOT Pre-Bid Q and A Website. The Department cannot guarantee that all questions will be answered prior to the bid date. **PLEASE NOTE - at 9:00 am Monday (i.e. typical Wednesday Bid Opening) the project(s) being bid will be closed for questions, at which time questions can no longer be submitted through the Q and A Website.**

Answers may be provided by the Department up to 12:00 noon, the day before the bid. At this time, the Q and A for those projects will be considered final, unless otherwise stated and/or the bid is postponed to a future date and time to allow for further questions and answers to be posted.

If a question needs to be asked the day before the bid date, please contact the Contracts Unit staff and email your question to <u>dotcontracts@ct.gov</u> immediately.

Contractors must identify their company name, contact person, contact email address and phone number when asking a question. The email address and phone number will not be made public.

The questions and answers (if any) located on the Q and A Website are hereby made part of the bid/contract solicitation documents (located on the State Contracting Portal), and resulting contract for the subject project(s). It is the bidder's responsibility to monitor, review, and become familiar with the questions and answers, as with all bid requirements and contract documents, prior to bidding. By signing the bid proposal and resulting contract, the bidder acknowledges receipt of, and agrees to the incorporation of the final list of Q and A, into the contract document.

Contractors will not be permitted to file a future claim based on lack of receipt, or knowledge of the questions and answers associated with a project. All bidding requirements and project information, including but not limited to contract plans, specifications, addenda, Q and A, Notice to Contractors, etc., are made public on the State Contracting Portal and/or the CTDOT website.

Any bidder that discovers an error in the bid proposal or contract documents, including but not limited to the plans, must report that error in a letter to the Manager within two (2) business days of discovering the error. A failure to do so may result in the Commissioner's finding the contractor to be nonresponsible as the low bidder for one or more Department contracts, and may be subject to other adverse action by the Department

Affidavits / Certifications / Affirmations (OPM Forms): As a result of Public Act 11-229, the process in which the Department will receive Affidavits/Certifications/Ethics Affirmation Forms (OPM Forms), for the purpose of contract bidding and contract award, has been revised. The new law greatly simplifies the requirements and allows for the use of electronic Forms (PDFs). The following link will guide you to the revised OPM Forms:

http://www.ct.gov/opm/cwp/view.asp?a=3006&Q=386312&opmNav_GID=1386

Under the new law, the Affirmation of Receipt of State Ethics Laws Summary (OPM Form 6) and the Consulting Agreement Affidavit (OPM Form 5) will <u>only have to be filed once</u> and will be updated only if any information on the form changes. The Gift and Campaign Contribution Certification (OPM Form 1) and Nondiscrimination Certifications will be filed <u>once per year</u>, with any updates required upon changes to information. Updates are required within 30 days of any change. The Forms are no longer contract specific, but are required to be filed (uploaded) with the Department of Administrative Services (DAS) online system (Biznet), prior to award and/or execution of any contract.

All bidders <u>must</u> upload the applicable/required "Forms" to the DAS online system (Biznet). Please access the LINK to subscribe to Biznet and download the "Vendor Guide to Uploading Affidavits and Nondiscrimination Forms Online (PDF)". <u>http://das.ct.gov/cr1.aspx?page=371</u>

Once the "Forms" are on file with the DAS online system (Biznet), the contractor's obligation is complete, until the need for revisions/updates and/or new annual submission as required by the specific Form.

Prevailing Wage Rates: The minimum rates to be paid labor of the various classifications shall be in accordance with current schedule of wages established by the State Labor Commissioner as provided in the Connecticut General Statutes, as revised. The Contract Wage Certification Form is to be submitted to the Labor Commissioner before the award of the contract.

Other Information: All bidders are required to inform themselves fully of the conditions relating to the construction and labor under which the work will be or is now being performed and the contractor shall employ, as far as possible, such methods and means in the carrying out of this work as will not cause interruption or interference with any other contractor.

The Department, prior to the awarding of any contract, may require further financial and other information from any applicant who becomes the low bidder for that contract. The Commissioner of Transportation reserves the right to reject any and all bids.

Form Revised April 24, 2019

STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT SCOPE CODE

CODE	<u>FROM</u>	<u>TO</u>
"A"	LESS THAN	\$ 100,000
"B"	\$ 100,000	\$ 199,999
"C"	\$ 200,000	\$ 499,999
"D"	\$ 500,000	\$ 999,999
"E"	\$ 1,000,000	\$ 2,499,999
"F"	\$ 2,500,000	\$ 4,999,999
"G"	\$ 5,000,000	\$ 7,499,999
"H"	\$ 7,500,000	\$ 9,999,999
"I"	\$ 10,000,000	\$ 14,999,999
"J"	\$ 15,000,000	\$ 19,999,999
"K"	\$ 20,000,000	\$ 29,999,999
"L"	\$ 30,000,000	\$ 39,999,999
"M"	\$ 40,000,000	\$ 59,999,999
"N"	\$ 60,000,000	\$ 89,999,999
"O"	\$ 90,000,000	\$ 119,999,999
"P"	\$ 120,000,000	\$ 159,999,999
"Q"	\$ 160,000,000	\$ 199,999,999
"R"	\$ 200,000,000	\$ 249,999,999
"S"	\$ 250,000,000	\$ 299,999,999
"T"	\$ 300,000,000	\$ 399,999,999
"U"	\$ 400,000,000	\$ 499,999,999
"V"	\$ 500,000,000	\$ 599,999,999
"W"	\$ 600,000,000	AND OVER

For any questions regarding this project scope code, please contact the Transportation Manager of Contracts at (860) 594-3390. Rev. 1/13/09



Date Of Opening: October 30, 2019

- Proposal ID: 0123-0066
 - Projects : 0123-0066
 - **Districts :** Norwich
 - Towns : SCOTLAND



Page: 2

Proposal ID : 0123-0066

REPLACEMENT OF BR NO. 00681 ON RTE 14 OVER MERRICK BROOK

Time ID	Completion Date or Number of Units	Unit Type	Time Type	Liquidated Damages Rate	Contract Time Flag
00	214	Days	CD	1,500.00 Days	

Bidders must enter all unit prices, make all extensions, and total the bid.



9/6/2019

	Proposal Schedule of Items	Page 1 of 8
Proposal ID: 0123-0066	Project(s): 0123-0066	
SECTION: 1		

Proposal Line Item ID		Approximate	Unit Price	Bid Amount
Number	Description	Quantity and Units	Dollars Cent	s Dollars Cents
0010	0201001 CLEARING AND GRUBBING	1.000 LUMP SUM	·	
0020	0202000 EARTH EXCAVATION	444.000 c.y.		
0030	0202216 EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL ** See Special Provisions **	20.000 c.y.		
0040	0202217 SUPPLEMENTAL STREAMBED CHANNEL MATERIAL ** See Special Provisions **	6,000.000 est.	1	.00 6,000.00
0050	0202529 CUT BITUMINOUS CONCRETE PAVEMENT	278.000 I.f.	·	
0060	0203202 STRUCTURE EXCAVATION-EARTH (EXCLUDING COFFERDAM AND DEWATERING)	400.000 c.y.		
0070	0204001 COFFERDAM AND DEWATERING	278.000 I.f.	·	
0080	0204139 COFFERDAM MATERIAL LEFT IN PLACE	178.000 I.f.	·	
0090	0204151 HANDLING WATER ** See Special Provisions **	1.000 LUMP SUM	·	
0100	0205003 TRENCH EXCAVATION 0'-10' DEEP	8.000 c.y.	·	



9/6/2019

	Proposal Schedule of Items	Page 2 of 8
Proposal ID: 0123-0066	Project(s): 0123-0066	
SECTION: 1		

Cat Alt Set ID:

Proposal Line	Item ID	m ID Approximate	Unit Price	Bid Amo	Bid Amount	
Number	Description	Quantity and Units	Dollars Ce	ents Dollars	Cents	
0110	0209001 FORMATION OF SUBGRADE	849.000 s.y.		·		
0120	0212000 SUBBASE	283.000 c.y.				
0130	0213100 GRANULAR FILL	303.000 c.y.		·		
0140	0216000 PERVIOUS STRUCTURE BACKFILL	74.000 c.y.				
0150	0219001 SEDIMENTATION CONTROL SYSTEM	690.000 I.f.				
0160	0286001.10 ROCK IN DRAINAGE TRENCH EXCAVATION 0'-10' DEEP	6.000 c.y.		·		
0170	0406170 HMA S1	146.000 ton		·		
0180	0406171 HMA S0.5	269.000 ton		·	·	
0190	0406173 HMA S0.25	21.000 ton		·		
0200	0406236 MATERIAL FOR TACK COAT	113.000 gal		·		
0210	0406275 FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4") ** See Special Provisions **	277.000 s.y.		·		
0220	0503001 REMOVAL OF SUPERSTRUCTURE	1.000 LUMP SUM		·		



9/6/2019

Proposal Schedule of Items

.

Page 3 of 8

Proposal ID: 0123-0066

Project(s): 0123-0066

SECTION: 1 Cat Alt Set ID:

Proposal Line	Item ID	Approximate	Unit Price		Approximate	Bid Am	id Amount	
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents		
0230	0506001 CONCRETE FOR STEPS AND COPINGS	3.000 c.y.						
0240	0507224 TYPE "C-L" CATCH BASIN TOP	1.000 ea.				·		
0250	0514226 PRESTRESSED DECK UNITS (3'-0'' X 2'-0'') ** See Special Provisions **	696.000 I.f.		·				
0260	0521001 ELASTOMERIC BEARING PADS	28,512.000 c.i.		·				
0270	0586001.10 TYPE 'C' CATCH BASIN - 0' - 10' DEEP	3.000 ea.						
0280	0586003.10 TYPE 'C' CATCH BASIN DOUBLE GRATE TYPE 1 - 0' - 10' DEEP	1.000 ea.		<u> </u>		<u>-</u>		
0290	0586500.10 MANHOLE - 0' - 10' DEEP	1.000 ea.				·		
0300	0586600 RESET CATCH BASIN	1.000 ea.		·				
0310	0601064 ABUTMENT AND WALL CONCRETE	8.000 c.y.				<u>.</u>		
0320	0601091 SIMULATED STONE MASONRY ** See Special Provisions **	61.000 s.y.		·				
0330	0601118 BRIDGE DECK CONCRETE	70.000 c.y.				••		
0340	0601121 PARAPET CONCRETE	157.000 I.f.		·		·		



9/6/2019

Proposal Schedule of Items

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Page 4 of 8

Proposal ID: 0123-0066

Project(s): 0123-0066

SECTION: 1 Cat Alt Set ID:

Proposal Line	Item ID	Approximate	Unit Price		roximate	Bid Am	Amount	
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents		
0350	0601123 APPROACH SLAB CONCRETE	51.000 c.y.		·				
0360	0601276 PRECAST SUBSTRUCTURE ELEMENTS ** See Special Provisions **	75.000 c.y.						
0370	0601502 1/2" PREFORMED EXPANSION JOINT FILLER FOR BRIDGES	108.000 s.f.						
0380	0602030 DEFORMED STEEL BARS - GALVANIZED	30,000.000 lb.						
0390	0686000.15 15'' R.C. PIPE - 0' - 10' DEEP	102.000 I.f.				·		
0400	0686000.24 24" R.C. PIPE - 0' - 10' DEEP	62.000 I.f.						
0410	0703011 INTERMEDIATE RIPRAP	180.000 c.y.						
0420	0703012 MODIFIED RIPRAP	2.000 c.y.						
0430	0703014 ROUNDED RIPRAP ** See Special Provisions **	8.000 c.y.						
0440	0703040 PLACEMENT OF TOE BOULDERS ** See Special Provisions **	24.000 I.f.		. <u></u>				
0450	0706001 MICROPILES	22.000 ea.						
0460	0706002 VERIFICATION TEST FOR MICROPILES	1.000 ea.						



9/6/2019

Proposal Schedule of Items

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Page 5 of 8

Proposal ID: 0123-0066

Project(s): 0123-0066

SECTION: 1 Cat Alt Set ID:

Cat Alt	Mbr ID:
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Proposal Line	Item ID	Approximate	Unit Price		Bid Amount	
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0470	0706003 PROOF TEST FOR MICROPILES	2.000 ea.				
0480	0706004 MICROPILE LENGTH ADJUSTMENT	45.000 I.f.				
0490	0707009 MEMBRANE WATERPROOFING (COLD LIQUID ELASTOMERIC) ** See Special Provisions **	346.000 s.y.		·		
0500	0708001 DAMPPROOFING	71.000 s.y.		·		
0510	0755014 GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)	276.000 s.y.				
0520	0815001 BITUMINOUS CONCRETE LIP CURBING	464.000 I.f.				
0530	0822001 TEMPORARY PRECAST CONCRETE BARRIER CURB	160.000 I.f.				
0540	0910173 R-B 350 BRIDGE ATTACHMENT - VERTICAL SHAPED PARAPET	3.000 ea.				
0550	0910300 METAL BEAM RAIL (R-B MASH)	219.000 l.f.		·		
0560	0911924 R-B END ANCHORAGE-TYPE II	3.000 ea.		·		
0570	0912502 REMOVE METAL BEAM RAIL (BRIDGE) ** See Special Provisions **	80.000 I.f.		<u>-</u>		



9/6/2019

Proposal Schedule of Items

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Page 6 of 8

Proposal ID: 0123-0066

Project(s): 0123-0066

SECTION: 1 Cat Alt Set ID:

Proposal Line Number	Qua	Approximate	Unit Price		Bid Amount	
		Quantity and Units	Dollars	Cents	Dollars	Cents
0580	0912503 REMOVE METAL BEAM RAIL	267.000 I.f.				
0590	0917010 REPAIR GUIDERAIL (ESTIMATED COST) ** See Special Provisions **	500.000 est.		1.00		500.00
0600	0922501 BITUMINOUS CONCRETE DRIVEWAY	83.000 s.y.		·		
0610	0944000 FURNISHING AND PLACING TOPSOIL	892.000 s.y.				
0620	0949004 ALNUS INCANA, SPECKLED ALDER 4' - 5' HT. B.B.	15.000 ea.		·		
0630	0949023 CORNUS SERICEA, RED OSIER DOGWOOD 24" - 36" HT. CONT.	23.000 ea.				
0640	0949695 SALIX NIGRA, BLACK WILLOW, 5' - 6' HT., B.B.	2.000 ea.				
0650	0950019 TURF ESTABLISHMENT - LAWN ** See Special Provisions **	892.000 s.y.				
0660	0950040 CONSERVATION SEEDING FOR SLOPES ** See Special Provisions **	260.000 s.y.		<u>.</u>		
0670	0950043 WETLAND GRASS ESTABLISHMENT ** See Special Provisions **	2,500.000 s.f.		<u> </u>		. <u></u> .



9/6/2019

Proposal Schedule of Items

.

Page 7 of 8

Proposal ID: 0123-0066

Project(s): 0123-0066

SECTION: 1 Cat Alt Set ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0680	0952051 CONTROL AND REMOVAL OF INVASIVE VEGETATION ** See Special Provisions **	640.000 s.y.		·		
0690	0969062 CONSTRUCTION FIELD OFFICE, MEDIUM ** See Special Provisions **	9.000 mo.				
0700	0970007 TRAFFICPERSON (UNIFORMED FLAGGER)	320.000 hr				
0710	0971001 MAINTENANCE AND PROTECTION OF TRAFFIC ** See Special Provisions **	1.000 LUMP SUM				·
0720	0974001 REMOVAL OF EXISTING MASONRY	70.000 c.y.				
0730	0975004 MOBILIZATION AND PROJECT CLOSEOUT	1.000 LUMP SUM				
0740	0976002 BARRICADE WARNING LIGHTS - HIGH INTENSITY	600.000 day		·		
0750	0978002 TRAFFIC DRUM	30.000 ea.				
0760	0979003 CONSTRUCTION BARRICADE TYPE III	4.000 ea.				
0770	0980001 CONSTRUCTION STAKING	1.000 LUMP SUM				
0780	0981100 42" TRAFFIC CONE	30.000 ea.				



9/6/2019

Proposal Schedule of Items

Page 8 of 8

Proposal ID: 0123-0066

Project(s): 0123-0066

SECTION: 1 Cat Alt Set ID:

Proposal Line Number	Item ID Description	Approximate	Unit Price		Bid Amount	
		Quantity and Units	Dollars	Cents	Dollars	Cents
0790	1131002 REMOTE CONTROL CHANGEABLE MESSAGE SIGN	224.000 day				
0800	1206023 REMOVAL AND RELOCATION OF EXISTING SIGNS ** See Special Provisions **	1.000 LUMP SUM				
0810	1208931 SIGN FACE - SHEET ALUMINU (TYPE IX RETROREFLECTIVE SHEETING) ** See Special Provisions **	15.000 M s.f.		. <u></u>		
0820	1209114 HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" YELLOW	800.000 I.f.				
0830	1209124 HOT-APPLIED PAINTED PAVEMENT MARKINGS 4'' WHITE	800.000 I.f.				
0840	1210101 4" WHITE EPOXY RESIN PAVEMENT MARKINGS	800.000 I.f.				
0850	1210102 4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	800.000 I.f.				
0860	1211001 REMOVAL OF PAVEMENT MARKINGS	100.000 s.f.				
0870	1220027 CONSTRUCTION SIGNS	600.000 s.f.				
	Section: 1		Total:			·
			Tota	al Bid:		