

Request for Quote – DBE Subcontractors and Suppliers

Project: TH 169 and 101st Ave Interchange
CIP No. 4042 / SP 110-12-006,189-113-005, 2750-92
City of Brooklyn Park

Bid Date: Friday, January 31, 2020
Bid Time: 11:00 am

DBE Goal: 10.7%

C.S. McCrossan Construction, Inc. is soliciting quotations from qualified bidders to develop pricing for the above referenced project. Please see the attached sheet for a list of potential work types that are available on this project.

C.S. McCrossan Construction, Inc. is an Equal Opportunity Employer and encourages participation from all certified DBE subcontractors and suppliers. If you can provide us with pricing in any of the areas listed above please return the attached form to our office. Plans are available for free in our online plan room; please contact us for more information.

If you need any assistance in the following areas, please contact our office:

1. Locating plans
2. Bonding, insurance, lines of credit
3. Technical assistance in preparing your quote
4. Breaking down work types into more economically feasible units
5. Locating equipment & supplies to prepare your quote

Thank you,

CSM Estimating Department
estimating@mccrossan.com

763-425-4167 (p) | 763-488-1649 (f)

We have identified the following work types for this project:

Project: TH 169 and 101st Ave Interchange
CIP No. 4042 / SP 110-12-006,189-113-005, 2750-92
City of Brooklyn Park

Aggregates	Guardrail
Asphalt Paving	Portable Restrooms
Borrow	Rebar / Structural Steel
Bridge / Structures	Removals
Building Demolition	Rip Rap / Geotextiles
Clearing & Grubbing	Sawcutting
Concrete Curb & Gutter / Sidewalk	Seed, Sod & Turf Establishment
Concrete Median Barrier	Signing
Concrete Paving	Striping
Dumpsters	Surveying (As-Builts)
Electrical	Sweeping
Erosion Control	Traffic Control
Excavation / Grading	Trucking
Fencing	Underground Pipe / Structures
Field Office	

This list is of the work types we have determined as of this time. Additional work types may be determined as we continue to review the plans and specifications. We have also attached a copy of the bid items present on this job. If you are interested in bidding on this project but do not see your type of work listed, please contact our office to see if additional opportunities may be available.

REQUEST FOR QUOTE

RESPONSE FORM

C.S. McCrossan Construction, Inc. is bidding the following upcoming project. Potential Bidders are requested to check the appropriate box below and let us know of their intentions by email (estimating@mccrossan.com) or fax (763-488-1649).

Project**Interest**

Yes

No

TH 169/101st Ave Interchange ☐
Brooklyn Park

☐**Name of Firm:**

Contact Person:

Phone / Fax Number:

Email:

Type of Work:

(Please list work types you are
interested in quoting.)

Assistance Needed:

(Please list any assistance we
can provide you in preparing
your quote.)

C.S. McCrossan Construction, Inc. is an Equal Opportunity Employer and encourages participation from all certified DBE subcontractors and suppliers. If you are interested in providing us a quote please return this form to our office via email (estimating@mccrossan.com) or by fax (763-488-1649).

If you need assistance or any additional information (plans / specifications), please contact our office.

**CITY OF BROOKLYN PARK, MINNESOTA
LEGAL NOTICE – BIDS WANTED
BIDS DUE: JANUARY 31, 2020 at 11:00 A.M.**

Bids received electronically through QuestCDN vBid Online Bidding ONLY. The online bid portal will be open for vBid on January 10, 2020. No paper bids will be accepted. Project CIP No. 4042. The project plans are SP 110-129-006, 189-113-005, 2750-92, TH 169 and 101st Avenue Interchange, which includes grading, concrete and bituminous paving, signals, lighting, public utilities, TMS, and Bridge No. 27W46.

The City Council will consider the bids at 7:00 p.m. on Monday, March 16, 2020, in the Council Chambers at City Hall.

Unless otherwise specifically indicated under the item description of the legal advertisement, all bids shall be subject to the following:

No bids shall be withdrawn for a period of thirty-five (35) days after opening of bids. The City reserves the right to reject any or all bids and to waive informalities.

Bidding information can be downloaded at www.questcdn.com under "Log In" using Quest CDN #6625645 for a non-refundable charge of \$35.00. Contact QuestCDN.com at 952-233-1632 or info@questcdn.com for assistance in membership registration, downloading this digital project information and vBid online bid submittal. To submit a vBid online bid (which is required for this project) you must download the project bid document file from QuestCDN which will add you to the plan holders list and provide access to vBid online bidding.

No paper bids will be considered. A bid bond for five (5%) percent of the amount of the bid, (to be forfeited as liquidated damages in the event that the bid be accepted, and the bidder shall fail to enter promptly into a written contract and furnish the required bond) is required to submit a vBid online through the QuestCDN portal.

Minimum wage rates to be paid by the Contractors have been predetermined and are subject to the Work Hours Act of 1962, P.L. 87-581 and implementing regulations.

**READ CAREFULLY THE WAGE SCALES AND DIVISION A OF THE SPECIAL
PROVISIONS AS THEY AFFECT THIS PROJECT**

The Minnesota Department of Transportation hereby notifies all bidders:

in accordance with Title VI of the Civil Rights Act of 1964 (Act), as amended and Title 49, Code of Federal Regulations, Subtitle A Part 21, Non-discrimination in Federally-assisted programs of the Department of Transportation, it will affirmatively assure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded maximum opportunity to participate and/or to submit bids in response to this invitation, and will not be discriminated against on the grounds of race, color, disability, age, religion, sex or national origin in consideration for an award;

in accordance with Title VI of the Civil Rights Act of 1964 as amended, and Title 23, Code of Federal Regulations, Part 230 Subpart A-Equal Employment Opportunity on Federal and Federal-Aid Construction Contracts (including supportive services), it will affirmatively assure increased participation of minority groups and disadvantaged persons and women in all phases of the highway construction industry, and that on any project constructed pursuant to this advertisement equal employment opportunity will be provided to all persons without regard to their race, color, disability, age, religion, sex or national origin;

in accordance with the Minnesota Human Rights Act, Minnesota Statute 363A.08 Unfair

discriminatory Practices, it will affirmatively assure that on any project constructed pursuant to this advertisement equal employment opportunity will be offered to all persons without regard to race, color, creed, religion, national origin, sex, marital status, status with regard to public assistance, membership or activity in a local commission, disability, sexual orientation, or age;

in accordance with the Minnesota Human Rights Act, Minnesota Statute 363A.36 Certificates of Compliance for Public Contracts, and 363A.37 Rules for Certificates of Compliance, it will assure that appropriate parties to any contract entered into pursuant to this advertisement possess valid Certificates of Compliance.

If you are not a current holder of a compliance certificate issued by the Minnesota Department of Human Rights and intend to bid on any job in this advertisement you must contact the Department of Human Rights immediately for assistance in obtaining a certificate.

The following notice from the Minnesota Department of Human Rights applies to all contractors:

"It is hereby agreed between the parties that Minnesota Statute, section 363A.36 and Minnesota Rules, parts 5000.3400 to 5000.3600 are incorporated into any contract between these parties based on this specification or any modification of it. A copy of Minnesota Statute 363A.36 and Minnesota Rules, parts 5000.3400 to 5000.3600 is available upon request from the contracting agency."

"It is hereby agreed between the parties that this agency will require affirmative action requirements be met by contractors in relation to Minnesota Statute 363A.36 and Minnesota Rules 5000.3600. Failure by a contractor to implement an affirmative action plan or make a good faith effort shall result in revocation of its certificate or revocation of the contract (Minnesota Statute 363A.36, Subd. 2 and 3)."

A minimum goal of 10.7% Good Faith Effort to be subcontracted to Disadvantaged Business Enterprises.

NOTICE OF BIDS WANTED BY THE CITY CLERK:

Furnish and install the following estimated quantities:

One full-access folded diamond grade-separated interchange at the Highway 169 / 101st Avenue Junction with auxiliary lanes along Highway 169 and reconstruct 101st Avenue North between Jefferson Highway and Xylon Avenue to a multi-lane urban roadway.

Devin Montero, City Clerk

Published in the Brooklyn Park Sun Post
January 9, 2020.
Published in Finance and Commerce
January 9, 16 and 23, 2020.

MINNESOTA DEPARTMENT OF TRANSPORTATION
CITY OF BROOKLYN PARK PUBLIC WORKS
HENNEPIN COUNTY, MINNESOTA

TH 169 AND 101ST AVE INTERCHANGE

CONSTRUCTION PLAN FOR GRADING, CONCRETE AND BITUMINOUS PAVING, SIGNALS, LIGHTING, PUBLIC UTILITIES, TMS, BRIDGE NO. 27W46

LOCATED ON 101ST AVE N FROM LANCASTER LN N TO 1860' EAST OF E NB TH 169
LOCATED ON TH 169 FROM 1100' SOUTH OF 101ST AVE N TO 2770' NORTH OF 101ST AVE N

STATE PROJ. NO. 110-129-006

GROSS LENGTH 4403.93 FEET 0.834 MILES
BRIDGES-LENGTH 177.67 FEET 0.034 MILES
EXCEPTIONS-LENGTH FEET MILES
NET LENGTH 4403.93 FEET 0.834 MILES

LENGTH AND DESCRIPTION BASED UPON E EB 101ST AVE

STATE PROJ. NO. 110-129-006
STATE PROJ. NO. 2750-92

GROSS LENGTH 3865.99 FEET 0.732 MILES
BRIDGES-LENGTH FEET MILES
EXCEPTIONS-LENGTH FEET MILES
NET LENGTH 3865.99 FEET 0.732 MILES

REF. POINT 141+00.580 TO REF. POINT 142+00.340
LENGTH AND DESCRIPTION BASED UPON E NB TH 169

STATE PROJ. NO. 189-113-005

GROSS LENGTH 476.40 FEET 0.090 MILES
BRIDGES-LENGTH FEET MILES
EXCEPTIONS-LENGTH FEET MILES
NET LENGTH 476.40 FEET 0.090 MILES

LENGTH AND DESCRIPTION BASED UPON E EX 101ST AVE

END SP 110-129-006
END SP 2750-92
E NB TH 169
STA 176+23.21

BEGIN SP 110-129-006
E EB 101ST AVE
STA 104+39.40

BEGIN SP 189-113-005
E EX 101ST AVE
STA 99+60.00

END SP 189-113-005
E EX 101ST AVE
STA 104+39.40

BEGIN SP 110-129-006
BEGIN SP 2750-92
E NB TH 169
STA 137+57.22

SCALE

INDEX MAP	2000'
GENERAL LAYOUT	400'
PLANS	100'
PROFILES	100'
	HORIZ
	10'
	VERT
	20'
CROSS SECTIONS	20'
	HORIZ
	20'
	VERT

FOR PLANS AND UTILITIES SYMBOLS SEE SHEET 2

DESIGN DESIGNATION FOR:	101ST AVE N	DESIGN DESIGNATION FOR:	TH 169
R-VALUE	70	ADT (Current Year) 2020 =	42,500
ADT (Current Year) 2020 =	6,500	ADT (Future Year) 2040 =	58,000
ADT (Future Year) 2040 =	16,200	PAVEMENT DESIGN	10 TON
PAVEMENT DESIGN	10 TON	FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL
FUNCTIONAL CLASSIFICATION	A MINOR ARTERIAL	NO. OF TRAFFIC LANES	4
NO. OF TRAFFIC LANES	3/4	NO. OF PARKING LANES	0
NO. OF PARKING LANES	0	ESALS (20 YRS.)	N/A
ESALS (20 YRS.)	863,000 (20 YRS.)	Design Speed	70 MPH
Design Speed	40 MPH	Based on Sight Distance	STOPPING
Based on Sight Distance	STOPPING	Height of eye / Height of Object	3.5' / 2.0'
Height of eye / Height of Object	3.5' / 2.0'	Design Speed not achieved at:	N/A
Design Speed not achieved at:	N/A		

DESIGN DESIGNATION FOR:	XYLON AVE N
R-VALUE	70
ADT (Current Year) 2020 =	1,000
ADT (Future Year) 2040 =	2,000
PAVEMENT DESIGN	10 TON
FUNCTIONAL CLASSIFICATION	MAJOR COLLECTOR
NO. OF TRAFFIC LANES	2
NO. OF PARKING LANES	0
ESALS (20 YRS.)	250,000 (20 YRS.)
Design Speed	30 MPH
Based on Sight Distance	STOPPING
Height of eye / Height of Object	3.5' / 2.0'
Design Speed not achieved at:	N/A

DESIGN DESIGNATION FOR: SHARED USE PATH

Design Speed 20 MPH
Based on Sight Distance STOPPING
Height of eye / Height of Object 4.5' / 0.0'
Design Speed not achieved at: N/A

I HEREBY CERTIFY THAT THE FINAL FIELD CHANGES, IF ANY, OF THIS PLAN WERE MADE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

SIGNATURE _____
DATE _____ LIC. NO. _____ PRINT NAME _____

AGREEMENT NO. 1034529
CITY OF BROOKLYN PARK
SP 2750-92 (TH 169=003)
STATE FUNDS
METRO DISTRICT

FED. PROJ. NO. STPF 2720(012)

GOVERNING SPECIFICATIONS

THE 2018 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

ALL TRAFFIC CONTROL DEVICES SHALL CONFORM AND BE PLACED IN ACCORDANCE TO THE MOST RECENT EDITION OF THE "MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) AND PART VI, "FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS".

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314-425	CROSS SECTIONS

SHEET 63 HAS BEEN DELETED.

THIS PLAN CONTAINS 428 SHEETS



I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

SIGNATURE Christopher M. Trbojevich
DATE 6-26-2019 LIC. NO. 41635 PRINT NAME CHRIS TRBOJEVICH

APPROVED	<u>Tom Staw</u>	CITY ENGINEER, CITY OF BROOKLYN PARK	11/20/2019
APPROVED	<u>Kan Anderson</u>	CITY ENGINEER, CITY OF MAPLE GROVE	11/20/2019
RECOMMENDED FOR APPROVAL	<u>Muhle Bann</u>	DISTRICT TRANSPORTATION ENGINEER	12/3/2019
RECOMMENDED FOR APPROVAL	<u>Elan Serna</u>	DISTRICT MATERIALS ENGINEER	11/20/2019
RECOMMENDED FOR APPROVAL	<u>Debra Haddad</u>	DISTRICT WATER RESOURCES/HYDRAULICS ENGINEER	12/2/2019
RECOMMENDED FOR APPROVAL	<u>Kevin Hagg</u>	DISTRICT TRAFFIC ENGINEER	12/2/2019
RECOMMENDED FOR APPROVAL	<u>Ruth Haddad</u>	STATE BRIDGE ENGINEER	12/3/2019
RECOMMENDED FOR APPROVAL	<u>T. R. Serna</u>	STATE PRE-LETTING ENGINEER	12/9/2019
RECOMMENDED FOR APPROVAL	<u>Julie Hunter</u>	DIRECTOR, OFFICE OF LAND MANAGEMENT	12/10/2019
APPROVED	<u>Tom Staw</u>	STATE DESIGN ENGINEER	12/10/2019
	<u>D. S. Haddad</u>	DISTRICT STATE AID ENGINEER; REVIEWED FOR COMPLIANCE WITH STATE AND/OR FEDERAL AID RULES/POLICY	12/2/2019
	<u>D. S. Haddad</u>	APPROVED FOR STATE AND/OR FEDERAL AID FUNDING; STATE AID ENGINEER	12/2/2019

STATE PROJ. NO. 110-129-006, 189-113-005, 2750-92 (TH169=003)
CITY PROJ. NO. 4042 SHEET NO. 1 OF 425 SHEETS

THIS PLAN AND/OR SPECIFICATION WAS PREPARED SPECIFICALLY FOR THIS PROJECT, AND ANY RE-USE OF DETAILS OR SPECIFICATIONS ON OTHER PROJECTS IS NOT INTENDED OR AUTHORIZED BY THE DESIGNER. LIABILITY FOR ANY RE-USE ON OTHER PROJECTS IS THE RESPONSIBILITY OF THE PERSON, AGENCY, OR CORPORATION USING PLAN OR SPECIFICATION DATA FROM THIS PROJECT.

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO GUIDELINES OF C1/ASCE 38-02. ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA".

BID PROPOSAL

CAPITAL IMPROVEMENT 4042
TH 169/101ST AVE. INTERCHANGE
SP 110-129-006,189-113-005,2750-92

SCHEDULE OF PRICES

Bids Due Friday, January 31, 2020 - 11:00 am

Addendum No. _____

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
GRADING					
2011.601	AS BUILT	LUMP SUM	1		
2021.501	MOBILIZATION	LUMP SUM	1		
2031.502	FIELD OFFICE TYPE D	EACH	1		
2031.502	FIELD LABORATORY TYPE D	EACH	1		
2041.610	TRAINEES	HOURS	1600	\$1.00	\$1,600.00
2051.501	MAINT & RESTORATION OF HAUL ROADS	LUMP SUM	1		
2101.505	CLEARING	ACRE	8.3		
2101.505	GRUBBING	ACRE	8.3		
2102.503	PAVEMENT MARKING REMOVAL	LIN FT	26420		
2103.501	BUILDING REMOVAL	LUMP SUM	1		
2103.502	DISCONNECT SEWER SERVICE	EACH	2		
2103.502	DISCONNECT WATER SERVICE	EACH	2		
2104.502	REMOVE PIPE APRON	EACH	10		
2104.502	REMOVE LIGHTING UNIT	EACH	4		
2104.502	REMOVE DRAINAGE STRUCTURE	EACH	1		
2104.502	REMOVE WOOD POLE	EACH	1		
2104.502	REMOVE MARKER	EACH	50		
2104.502	REMOVE SIGN TYPE C	EACH	24		
2104.502	REMOVE SIGN TYPE D	EACH	3		
2104.502	REMOVE LIGHT FOUNDATION	EACH	4		
2104.502	REMOVE POLE MOUNTED CABINET	EACH	1		
2104.502	REMOVE SIGN PANEL TYPE OH	EACH	2		
2104.502	SALVAGE CASTING	EACH	2		
2104.502	REMOVE ENERGY ABSORBING TERMINAL	EACH	1		
2104.502	SALVAGE SIGN TYPE C	EACH	6		
2104.502	SALVAGE SIGN TYPE D	EACH	1		
2104.502	SALVAGE SIGN PANEL TYPE OH	EACH	1		
2104.502	SALVAGE REFERENCE LOCATION SIGN	EACH	2		
2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	6570		
2104.503	SAWING BIT PAVEMENT (FULL DEPTH)	LIN FT	780		
2104.503	REMOVE SEWER PIPE (STORM)	LIN FT	473		
2104.503	REMOVE CURB & GUTTER	LIN FT	1135		

SCHEDULE OF PRICES

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
2104.503	REMOVE GUARDRAIL	LIN FT	113		
2104.503	REMOVE RIGID STEEL CONDUIT	LIN FT	50		
2104.503	REMOVE DIRECT BURIED LIGHTING CABLE	LIN FT	639		
2104.504	REMOVE CONCRETE PAVEMENT	SQ YD	3750		
2104.504	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SQ YD	1800		
2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	24985		
2104.518	REMOVE BITUMINOUS WALK	SQ FT	630		
2104.518	REMOVE CONCRETE WALK	SQ FT	1560		
2104.601	REMOVE CABLES	LUMP SUM	1		
2105.602	SETTLEMENT PLATES	EACH	4		
2105.607	COMMON BORROW SPECIAL (CV) (P)	CU YD	2387		
2106.507	EXCAVATION - COMMON (P)	CU YD	119301		
2106.507	EXCAVATION - MUCK	CU YD	1493		
2106.507	EXCAVATION - SUBGRADE (P)	CU YD	23651		
2106.507	SELECT GRANULAR EMBANKMENT (CV) (P)	CU YD	41337		
2106.507	SELECT GRANULAR EMBANKMENT MOD (CV)	CU YD	2515		
2106.507	COMMON EMBANKMENT (CV) (P)	CU YD	179062		
2118.507	AGGREGATE SURFACING (LV), CLASS 1 (P)	CU YD	350		
2211.507	AGGREGATE BASE (CV) CLASS 5 (P)	CU YD	730		
2211.507	AGGREGATE BASE (CV) CLASS 6 (P)	CU YD	13248		
2212.507	DRAINABLE AGGREGATE BASE, TYPE OGAB (CV)	CU YD	930		
2301.502	DOWEL BAR	EACH	4125		
2301.504	CONCRETE PAVEMENT 9.0"	SQ YD	7390		
2301.602	DRILL & GROUT REINF BAR (EPOXY COATED)	EACH	120		
2357.606	BITUMINOUS MATERIAL FOR SHOULDER TACK	GALLON	600		
2360.509	TYPE SP 9.5 WEARING COURSE MIX (4,C)	TON	9615		
2360.509	TYPE SP 12.5 WEARING COURSE MIX (3,B)	TON	1710		
2360.509	TYPE SP 12.5 NON WEAR COURSE MIX (4,B)	TON	3979		
2406.503	EXPANSION JOINTS, DESIGN E8H	LIN FT	178		
2406.504	BRIDGE APPROACH PANELS	SQ YD	731		
2451.507	FINE AGGREGATE BEDDING (CV) (P)	CU YD	764		
2451.607	STRUCTURAL BACKFILL (P)	CU YD	5905		
2501.502	15" RC PIPE APRON	EACH	6		

SCHEDULE OF PRICES

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
2501.502	18" RC PIPE APRON	EACH	4		
2501.502	21" RC PIPE APRON	EACH	3		
2501.502	24" RC PIPE APRON	EACH	2		
2501.502	30" RC PIPE APRON	EACH	8		
2501.502	48" RC PIPE APRON	EACH	1		
2501.502	36" SPAN RC PIPE-ARCH APRON	EACH	1		
2501.502	18" CS SAFETY APR & GRATE DES 3128	EACH	1		
2501.502	30" CS SAFETY APR & GRATE DES 3128	EACH	2		
2501.502	15" RC SAFETY APRON	EACH	1		
2501.502	18" RC SAFETY APRON	EACH	2		
2501.502	24" RC SAFETY APRON	EACH	2		
2501.602	TRASH GUARD FOR 15" PIPE APRON	EACH	4		
2501.602	TRASH GUARD FOR 18" PIPE APRON	EACH	1		
2501.602	TRASH GUARD FOR 21" PIPE APRON	EACH	1		
2501.602	TRASH GUARD FOR 48" PIPE APRON	EACH	1		
2501.602	TRASH GUARD FOR 36" SPAN PIPE APRON	EACH	1		
2502.502	4" PRECAST CONCRETE HEADWALL	EACH	11		
2502.503	4" TP PIPE DRAIN	LIN FT	320		
2503.503	10" PVC PIPE SEWER	LIN FT	389		
2503.503	12" PVC PIPE SEWER	LIN FT	182		
2503.503	10" DUCTILE IRON PIPE SEWER	LIN FT	25		
2503.503	12" DUCTILE IRON PIPE SEWER	LIN FT	40		
2503.503	36" SPAN RC PIPE-ARCH SEWER CL IIA	LIN FT	355		
2503.503	15" RC PIPE SEWER DES 3006 CL V	LIN FT	2515		
2503.503	18" RC PIPE SEWER DES 3006	LIN FT	969		
2503.503	21" RC PIPE SEWER DES 3006	LIN FT	74		
2503.503	21" RC PIPE SEWER DES 3006 CL V	LIN FT	243		
2503.503	24" RC PIPE SEWER DES 3006	LIN FT	97		
2503.503	30" RC PIPE SEWER DES 3006	LIN FT	152		
2503.503	30" RC PIPE SEWER DES 3006 CL V	LIN FT	519		
2503.503	48" RC PIPE SEWER DES 3006 CL III	LIN FT	105		
2503.602	CONNECT TO EXISTING SANITARY SEWER	EACH	1		
2503.602	CONNECT TO EXISTING STORM SEWER	EACH	4		

SCHEDULE OF PRICES

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
2503.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	2		
2503.602	12" PIPE PLUG	EACH	2		
2503.603	24" STEEL CASING PIPE	LIN FT	110		
2506.502	CASTING ASSEMBLY	EACH	56		
2506.502	INSTALL CASTING	EACH	2		
2506.503	CONST DRAINAGE STRUCTURE DESIGN F	LIN FT	71.7		
2506.503	CONST DRAINAGE STRUCTURE DESIGN G	LIN FT	12.1		
2506.503	CONST DRAINAGE STRUCTURE DESIGN H	LIN FT	43.7		
2506.503	CONST DRAINAGE STRUCTURE DESIGN SD-48	LIN FT	50.1		
2506.503	CONST DRAINAGE STRUCTURE DESIGN SD-60	LIN FT	9.2		
2506.503	CONST DRAINAGE STRUCTURE DESIGN SPECIAL	LIN FT	96.8		
2506.503	CONST DRAINAGE STRUCTURE DES 48-4020	LIN FT	44.8		
2506.503	CONST DRAINAGE STRUCTURE DES 60-4020	LIN FT	18.9		
2506.503	CONST DRAINAGE STRUCTURE DES 84-4020	LIN FT	18.1		
2506.503	RECONSTRUCT DRAINAGE STRUCTURE	LIN FT	29.8		
2506.603	CONSTRUCT 8" OUTSIDE DROP	LIN FT	5.1		
2511.504	GEOTEXTILE FILTER TYPE 4	SQ YD	219.1		
2511.507	RANDOM RIPRAP CLASS II	CU YD	30.7		
2511.507	RANDOM RIPRAP CLASS III	CU YD	22.2		
2521.518	4" CONCRETE WALK	SQ FT	21010		
2521.518	6" CONCRETE WALK	SQ FT	3267		
2521.518	3" BITUMINOUS WALK	SQ FT	36150		
2531.503	CONCRETE CURB & GUTTER DESIGN B612	LIN FT	3040		
2531.503	CONCRETE CURB & GUTTER DESIGN B618	LIN FT	7050		
2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	135		
2531.503	CONCRETE CURB & GUTTER DESIGN D424	LIN FT	1600		
2531.618	TRUNCATED DOMES	SQ FT	269		
2533.503	PORTABLE PRECAST CONC BARRIER DES 8337	LIN FT	6500		
2533.503	PORTABLE PREC CONC BAR DES 8337-ANCHORED	LIN FT	1000		
2533.503	RELOCATE PORT PRECAST CONC BAR DES 8337	LIN FT	5550		
2545.502	LIGHTING UNIT TYPE 9-40	EACH	19		
2545.502	UNDERPASS LUMINAIRES TYPE LED	EACH	2		
2545.502	LIGHT FOUNDATION DESIGN E	EACH	19		

SCHEDULE OF PRICES

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
2545.502	SERVICE CABINET -TYPE L1	EACH	1		
2545.502	UNDERGROUND CABLE SPLICE	EACH	2		
2545.502	EQUIPMENT PAD B	EACH	1		
2545.502	JUNCTION BOX	EACH	2		
2545.502	HANDHOLE	EACH	2		
2545.503	2" NON-METALLIC CONDUIT	LIN FT	22		
2545.503	2" NON-METALLIC COND (DIRECTIONAL BORE)	LIN FT	109		
2545.503	3" NON-METALLIC CONDUIT	LIN FT	382		
2545.503	UNDERGROUND WIRE 1/C 2 AWG	LIN FT	100		
2545.503	UNDERGROUND WIRE 1/C 10 AWG	LIN FT	520		
2545.503	DIRECT BURIED LIGHTING CABLE 4/C 4 AWG	LIN FT	6402		
2545.603	0.75" LIQUIDTIGHT FLEXIBLE CONDUIT	LIN FT	10		
2550.502	CABINET FOUNDATION	EACH	1		
2550.502	SERVICE FOUNDATION	EACH	1		
2550.502	CCTV FOUNDATION	EACH	1		
2550.502	FIBEROPTIC SPLICE VAULT	EACH	1		
2550.502	OUTDOOR FIBER SPLICE ENCLOSURE	EACH	1		
2550.502	BURIED CABLE SIGN	EACH	20		
2550.502	CCTV CABINET	EACH	1		
2550.502	INSTALL CABINET	EACH	1		
2550.502	SERVICE CABINET	EACH	1		
2550.503	1.5" NON-METALLIC CONDUIT	LIN FT	1730		
2550.503	2" NON-METALLIC CONDUIT	LIN FT	1860		
2550.503	3" NON-METALLIC CONDUIT	LIN FT	25		
2550.503	POWER CABLE 1 CONDUCTOR NO 6	LIN FT	2010		
2550.503	POWER CABLE 1 CONDUCTOR NO 10	LIN FT	60		
2550.503	POWER CABLE 3 CONDUCTOR NO 8	LIN FT	405		
2550.503	LEAD-IN CABLE 2 CONDUCTOR NO 14	LIN FT	3120		
2550.601	TEMPORARY COMMUNICATION SYSTEM	LUMP SUM	1		
2550.601	FIBER OPTIC CABLE TESTING	LUMP SUM	1		
2550.602	CCTV HARDWARE	EACH	1		
2550.602	FIBER OPTIC PIGTAIL TERMINATION	EACH	5		
2550.602	FIBER OPTIC CABLE SPLICING	EACH	2		

SCHEDULE OF PRICES

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
2550.602	PULL VAULT	EACH	9		
2550.602	SERVICE CABINET TYPE SPECIAL	EACH	1		
2550.602	LOOP DETECTOR DESIGN PREFORMED	EACH	4		
2550.603	ARMORED FIBER OPTIC PIGTAIL CABLE 6SM	LIN FT	1190		
2550.603	REROUTE CABLE	LIN FT	300		
2550.603	FIBER OPTIC TRUNK CABLE 72SM	LIN FT	3330		
2550.603	1.5" BORED CONDUIT	LIN FT	160		
2550.603	2" BORED CONDUIT	LIN FT	160		
2554.502	GUIDE POST TYPE B	EACH	33		
2554.502	ANCHORAGE ASSEMBLY - TYPE 31	EACH	3		
2554.502	END TREATMENT-TANGENT TERMINAL	EACH	4		
2554.503	TRAFFIC BARRIER DESIGN BULLNOSE	LIN FT	200		
2554.503	TRAFFIC BARRIER DESIGN TYPE 31	LIN FT	913		
2554.615	IMPACT ATTENUATOR	ASSEMBLY	4		
2554.615	RELOCATE IMPACT ATTENUATOR	ASSEMBLY	4		
2557.502	METAL BRACE ASSEMBLY-CHAIN LINK FENCE	EACH	30		
2557.502	ELECTRICAL GROUND	EACH	8		
2557.503	WIRE FENCE DESIGN 72V-9322	LIN FT	7240		
2563.601	TRAFFIC CONTROL	LUMP SUM	1		
2563.601	ALTERNATE PEDESTRIAN ROUTE	LUMP SUM	1		
2563.601	PORTABLE SIGNAL SYSTEM	LUMP SUM	1		
2563.602	PORTABLE CONCRETE BARRIER DELINEATOR	EACH	300		
2564.502	MODIFY POST	EACH	2		
2564.502	INSTALL REFERENCE LOCATION SIGN	EACH	2		
2564.502	INSTALL SIGN PANEL TYPE OH	EACH	1		
2564.502	INSTALL SIGN TYPE C	EACH	6		
2564.502	INSTALL SIGN TYPE D	EACH	1		
2564.502	DELINEATOR TYPE X4-6	EACH	15		
2564.502	OBJECT MARKER TYPE X4-2	EACH	6		
2564.502	OBJECT MARKER TYPE X4-4	EACH	2		
2564.502	OBJECT MARKER TYPE X4-11	EACH	10		
2564.507	CONCRETE FOOTINGS (TYPE OH SPREAD)	CU YD	42.5		
2564.508	STRUCT STEEL-POSTS FOR TYPE A SIGNS	POUND	1604		

SCHEDULE OF PRICES

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
2564.508	STRUCTURAL STEEL-POSTS FOR OH SIGNS (D)	POUND	12940		
2564.508	STRUCTURAL STEEL-TRUSSES FOR OH SIGNS (D)	POUND	14000		
2564.508	STR STEEL-TRUSSES FOR OH SIGNS BR MTD	POUND	1910		
2564.508	STR STEEL-PANEL MT PST FOR OH SIGNS (B)	POUND	586		
2564.508	STRUCTURAL STEEL-PANEL MOUNT POST FOR OH SIGNS	POUND	842		
2564.518	SIGN PANELS TYPE A	SQ FT	126.5		
2564.518	SIGN PANELS TYPE C	SQ FT	497.5		
2564.518	SIGN PANELS TYPE D	SQ FT	271.3		
2564.518	SIGN PANELS TYPE OH	SQ FT	927.5		
2564.518	SIGN PANELS TYPE SPECIAL	SQ FT	20.3		
2565.501	EMERGENCY VEHICLE PREEMPTION SYSTEM B	LUMP SUM	1		
2565.501	EMERGENCY VEHICLE PREEMPTION SYSTEM C	LUMP SUM	1		
2565.501	TRAFFIC CONTROL INTERCONNECT SYSTEM A	LUMP SUM	1		
2565.501	TRAFFIC CONTROL INTERCONNECT SYSTEM B	LUMP SUM	1		
2565.516	TRAFFIC CONTROL SIGNAL SYSTEM B	SYSTEM	1		
2565.516	TRAFFIC CONTROL SIGNAL SYSTEM C	SYSTEM	1		
2565.616	REVISE SIGNAL SYSTEM A	SYSTEM	1		
2573.501	STABILIZED CONSTRUCTION EXIT	LUMP SUM	1		
2573.502	STORM DRAIN INLET PROTECTION	EACH	49		
2573.502	CULVERT END CONTROLS	EACH	17		
2573.503	SILT FENCE, TYPE MS	LIN FT	22720		
2573.503	FILTER BERM TYPE 5	LIN FT	630		
2573.503	SEDIMENT CONTROL LOG TYPE COMPOST	LIN FT	7745		
2574.505	SUBSOILING	ACRE	5		
2574.505	SOIL BED PREPARATION	ACRE	25.9		
2574.507	FILTER TOPSOIL BORROW	CU YD	12268		
2574.508	FERTILIZER TYPE 3	POUND	7439		
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ YD	125482		
2575.505	SEEDING	ACRE	25.9		
2575.505	DISK ANCHORING	ACRE	25.9		
2575.505	MOWING	ACRE	25.9		
2575.505	WEED SPRAYING	ACRE	13		
2575.506	WEED SPRAY MIXTURE	GALLON	13		

SCHEDULE OF PRICES

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
2575.507	MULCH MATERIAL TYPE 9	CU YD	21		
2575.508	SEED MIXTURE 25-121	POUND	865		
2575.508	SEED MIXTURE 25-131	POUND	189		
2575.508	SEED MIXTURE 33-261	POUND	203		
2575.508	SEED MIXTURE 33-262	POUND	224		
2581.503	REMOVABLE PREFORM PAVEMENT MARKING TAPE	LIN FT	7470		
2581.603	REMOVABLE PREFORMED PLASTIC MASK (BLACK)	LIN FT	400		
2582.503	4" SOLID LINE PAINT	LIN FT	18450		
2582.503	4" BROKEN LINE PAINT	LIN FT	1180		
2582.503	4" DBLE SOLID LINE PAINT	LIN FT	2390		
2582.503	4" SOLID LINE MULTI COMP	LIN FT	4815		
2582.503	24" SOLID LINE MULTI COMP	LIN FT	55		
2582.503	4" BROKEN LINE MULTI COMP	LIN FT	870		
2582.503	4" DOTTED LINE MULTI COMP	LIN FT	20		
2582.503	4" DBLE SOLID LINE MULTI COMP	LIN FT	2390		
2582.503	4" SOLID LINE MULTI COMP GR IN (WR)	LIN FT	27465		
2582.503	4" BROKEN LINE MULTI COMP GR IN (WR)	LIN FT	390		
2582.503	8" SOLID LINE PREF TAPE GR IN (WR) CONT	LIN FT	2285		
2582.503	4" BROKEN LINE PREF TAPE GR IN (WR) CONT	LIN FT	1650		
2582.503	4" DOTTED LINE PREF TAPE GR IN (WR) CONT	LIN FT	250		
2582.503	8" DOTTED LINE PREF TAPE GR IN (WR) CONT	LIN FT	565		
2582.503	24" SOLID LINE PREF THERMO GR IN	LIN FT	270		
2582.503	4" DOTTED LINE PREF THERMO GR IN	LIN FT	25		
2582.518	PAVT MSSG MULTI COMP	SQ FT	270		
2582.518	PAVT MSSG PREF THERMO GR IN	SQ FT	180		
2582.518	CROSSWALK MULTI COMP	SQ FT	1500		

Subtotal of Grading Bid:

BRIDGE					
2401.503	TYPE P-1 BARRIER CONCRETE (3S52)	(P)	LIN FT	504	
2401.507	STRUCTURAL CONCRETE (1G52)	(P)	CU YD	610	
2401.507	STRUCTURAL CONCRETE (3B52)	(P)	CU YD	964	
2401.508	REINFORCEMENT BARS	(P)	POUND	52560	

SCHEDULE OF PRICES

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
2401.508	REINFORCEMENT BARS (EPOXY COATED) (P)	POUND	248260		
2401.508	REINFORCEMENT BARS (STAINLESS-75KSI) (P)	POUND	930		
2401.518	SIDEWALK CONCRETE (3S52) (P)	SQ FT	4782		
2401.518	RAISED MEDIAN CONCRETE (3S52) (P)	SQ FT	1510		
2401.601	STRUCTURE EXCAVATION	LUMP SUM	1		
2401.618	BRIDGE SLAB CONCRETE (3YHPC-M) (P)	SQ FT	15783		
2402.502	BEARING ASSEMBLY (P)	EACH	40		
2402.503	ORNAMENTAL METAL RAILING TYPE SPECIAL PC (P)	LIN FT	504		
2405.503	PRESTRESSED CONCRETE BEAMS 35MH (P)	LIN FT	1751		
2411.618	ARCH CONC TEXTURE (CUT STONE) (P)	SQ FT	3610		
2411.618	ARCH SURFACE FINISH (MULTI COLOR) (P)	SQ FT	3610		
2451.507	AGGREGATE BACKFILL (CV)	CU YD	534		
2502.501	DRAINAGE SYSTEM TYPE (B910)	LUMP SUM	1		
2514.504	CONCRETE SLOPE PAVING (P)	SQ YD	313		
2545.501	CONDUIT SYSTEM TYPE 1	LUMP SUM	1		
2545.501	CONDUIT SYSTEM TYPE 2	LUMP SUM	1		
Subtotal of Bridge Bid:					
Total of Bid:					