

Regional Response Facility

City of Mentor

August 2020



180327

CITY OF MENTOR OFFICIALS

ADMINISTRATION

Kenneth J. Filipiak, City Manager

David W. Malinowski, Finance Director

Joseph P. Szeman, Law Director

David A. Swiger, P.E., City Engineer

Matthew Schweikert, Director of Public Works

Kenn Kaminski, Director of Parks, Recreation and Public Facilities

Kevin Malecek, Economic Development Director

Kathleen Mitchell, Planning Director

Kenneth K. Gunsch, Chief of Police

Robert Searles, Fire Chief

MEMBERS OF COUNCIL

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Matthew E. Donovan, Vice President, Ward 2 Councilman

Sean P. Blake, Ward 1 Councilman

John A. Krueger, President, Ward 4 Councilman

Janet A. Dowling, Councilwoman-at-Large

Ray Kirchner, Councilman-at-Large

Scott J. Marn, Councilman-at-Large

Julie Schiavoni, Clerk of Council

ADVERTISEMENT FOR BIDS/PUBLIC NOTICE TO BIDDERS

Sealed bids will be received at the office of the Purchasing Department, City of Mentor, 8500 Civic Center Boulevard, Mentor, Ohio 44060 until 12:00 p.m. on September 4, 2020 and will be opened and read immediately thereafter for the

**REGIONAL RESPONSE FACILITY
OPINION OF PROBABLE CONSTRUCTION COST: \$3,400,000.00
COMPLETION DATE: APRIL 30, 2021**

The bid specifications, drawings, plan holders list, addenda, and other bid information (**but not the bid forms**) may be viewed and/or downloaded for free via the internet at <https://bids.ctconsultants.com> . The bidder shall be responsible to check for Addenda and obtain same from the web site.

Bids must be in accordance with drawings and specifications and on forms available from CT Consultants, Inc. at a non-refundable cost of One Hundred Fifty Dollars (\$150.00) mailed. Documents may be ordered by registering and paying for the documents online at <https://bids.ctconsultants.com> . Please contact is@ctconsultants.com or call 440.530.2350 or 440-530-2268 if you encounter any problems viewing, registering or paying for the documents.

There will be a Pre-bid Conference on August 27, 2020 at 10:00 a.m. at Mentor City Hall, 8500 Civic Center Boulevard, Mentor, Ohio 44060.

Publish: *The News Herald*
August 21, 2020
August 28, 2020

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SECTION 1
BID DOCUMENTS

INSTRUCTIONS TO BIDDERS

PART 1 GENERAL

- 1.1 Sealed bids shall be received by the Owner at the location specified and until the time and date specified in the Advertisement for Bids/Public Notice to Bidders.
- 1.2 Each bid shall contain the full name and address of each person or company interested in said bid. If no other person be so interested, the Bidder shall distinctly so state the fact.
- 1.3 Bid forms must be completed in ink or by typewriter. Any corrections to the bid forms prior to submission must be initialed by the person signing the bid. Failure to submit any bid form(s) or other required document(s) may be cause for rejection of the bidder's bid at the sole discretion of the Owner.
- 1.4 Bids by Corporations must be executed in the corporate name by the President, Vice President, or other officer accompanied by evidence of authority to sign and the corporate seal must be affixed and attested by the Secretary on the Corporate Resolution form.
- 1.5 Bids by partnerships must be executed in the partnership name and signed by a partner, whose title must appear under the signature.
- 1.6 All names must be typed or printed below the signature.
- 1.7 The bid shall contain an acknowledgment of receipt of all Addenda.
- 1.8 If a Bidder wishes to withdraw their bid prior to the opening of bids, they shall state their purpose in writing to the Owner before the time fixed for the opening, and when reached it shall be handed to them unread.
- 1.9 After the opening of bids, no Bidder may withdraw their bid for a period of 60 days.

PART 2 EXAMINATION OF CONTRACT DOCUMENTS AND SITE

- 2.1 Before submitting a bid, each Bidder must
 - A. Examine the Contract Documents thoroughly.
 - B. Visit the site to familiarize themselves with local conditions that may in any manner affect cost, progress, or performance of the work.
 - C. Familiarize themselves with Federal, State, and local laws, ordinances, rules, and regulations that may in any manner affect cost, progress, or performance of the work.
 - D. Study and carefully correlate Bidder's observations with the Contract Documents.

- 2.2 Reference is made to the Specific Project Requirements for the identification of any reports of investigations and tests of subsurface and latent physical conditions at the site or otherwise affecting cost, progress or performance of the work which have been relied upon by the Engineer in preparing the drawings and specifications. Owner will make copies of such reports available to any Bidder requesting them if not made available with the bid documents. These reports are not guaranteed as to accuracy or completeness; nor are they part of the Contract Documents. Before submitting their bid each Bidder will, at their own expense, make such additional investigations and tests as the Bidder may deem necessary to determine their bid for performance of the work in accordance with the time, price and other terms and conditions of the Contract Documents.
- 2.3 Upon request, the Owner will provide each Bidder access to the site to conduct such reasonable investigations and tests as each Bidder deems necessary for submission for their bid.
- 2.4 The lands upon which the work is to be performed, rights-of-way for access thereto, and other lands designated for use by Bidder in performing the work are identified on the Drawings.
- 2.5 The submission of a bid will constitute an incontrovertible representation by the Bidder that they have complied with every requirement of this section and that the Contract Documents are sufficient in scope and detail to indicate and convey understanding of all terms and conditions for performance of the work.

PART 3 ESTIMATED QUANTITIES

- 3.1 In Unit Price Contracts, the quantities of the work itemized in the bid are approximate only and the bidders are hereby notified that the estimated quantities made by the Engineer are merely for the guidance of the Owner in comparing on a uniform basis all bids received for the work.
- 3.2 The contract quantities, where itemized, are based on plan horizontal and vertical dimensions unless otherwise specified. It is the Contractor's responsibility to verify and determine actual quantities of materials such as pipe, pavement, subgrade, etc. in their ordering materials.
- 3.3 Payments, except for lump sum contracts and except for lump sum items in unit price contracts, will be made to the Contractor only for the actual quantities of work performed or materials furnished in accordance with the plans and specifications.
- 3.4 The successful Bidder will be required to furnish the Owner with a complete breakdown of the lump sum bid items, to the satisfaction of the Engineer/Architect, before signing the Contract documents.

PART 4 CONTRACTOR'S QUALIFICATION

- 4.1 Bidder shall provide detailed information relating to similar projects completed within the past 5 years which demonstrates the bidder's capability, responsibility, experience, skill, and financial standing to undertake this type of project and shall include a list of all projects currently under construction including status and contact person.
- 4.2 Bidder shall own, have rental or lease agreements for, or otherwise have readily available any and all equipment and tools necessary for proper execution of the work. The Owner reserves the right to request lists of equipment or tools available for the project including sources.
- 4.3 Bidder shall provide pertinent information to the Owner relative to any pending suits or outstanding liens. If no information is provided by the Bidder, the Owner shall assume that any such suits or liens do not exist.
- 4.4 The Owner may require similar information on any or all subcontractors proposed by the Bidder.
- 4.5 Bids of corporations not chartered in the state in which the work will take place must be accompanied by proper certification that the corporation is authorized to do business in that state.

PART 5 SUBCONTRACTORS

- 5.1 The Bidder shall state on the appropriate bid form the names of all Subcontractors proposed and the items of work they are to be assigned. All work not assigned to a Subcontractor shall be assumed by the Owner to be performed by the Bidder.
- 5.2 The Owner reserves the right to approve all subcontractors proposed by the Bidder. If the Owner, after due investigation, rejects the use of a proposed subcontractor, the apparent successful Bidder may either submit an acceptable substitution without increase in bid price or decline substitution and withdraw their bid without sacrificing their bid security. Any listed subcontractor to whom the Owner does not make written objection prior to award of contract, shall be deemed acceptable to the Owner.
- 5.3 Requests for changes of Subcontractor by the Bidder after the award shall be subject to the Owner's approval and shall not change the contract bid prices.
- 5.4 No contractor shall be required to employ any Subcontractor, person or organization against whom they have reasonable objection.

PART 6 BID REVIEW BY OWNER

- 6.1 The Owner reserves the right to reject any and all bids, to waive as an informality any and all irregularities, and to disregard all nonconforming, nonresponsive or conditional bids.

- 6.2 All extensions and totals of unit prices and quantities submitted as part of the bid shall be considered informal until verified by the Owner. All bids must be made on the forms contained herein and the bid prices must be written therein, in figures only. Unit prices shall be separately written for "Unit Price Labor," "Unit Price Material," and "Total Unit Price" for each item listed. Should an error in addition and/or multiplication be determined while checking the Contractor's math and verifying their total bid, the "Unit Price Labor" and the "Unit Price Material" figures shall govern in determining the correct "Total Unit Price" and the correct "Item Total."
- 6.3 Each bidder must bid on all Items, Alternates, Deductions, and Additions contained in the Bidding Forms. All bids not in conformity with this notice may be considered non-responsive and may be rejected.
- 6.4 More than one bid for the same work from an individual or entity under the same of different names will not be considered. Reasonable grounds for believing that that any bidder has an interest in more than one bid for the work may be cause for disqualification of that bidder and the rejection of all bids in which the bidder has an interest. A subcontractor or supplier is not a bidder, and may submit prices to multiple bidders.
- 6.5 In evaluating bids, the Owner may consider:
- A. The qualifications and experience of the Bidder, proposed subcontractors, and principal material suppliers as outlined in the plans and specifications.
 - B. Financial ability and soundness of the Bidder and proposed subcontractors.
 - C. Completeness of all bid forms and bid requirements.
 - D. Alternates and unit prices requested in the Bid Forms.
 - E. Unit prices or schedules of values that are or appear to be unbalanced.
 - F. Previous contractual experience with the Owner.
 - G. Whether or not the bid package complies with the prescribed requirements.
 - H. The proposed completion date, if applicable.
 - I. Any other matter allowed by law or local ordinance or resolution.
- 6.5 Owner may conduct further investigations as they deem necessary to assist in the evaluation of any bid and to establish the responsibility, qualifications, and financial ability of the Bidders, proposed Subcontractors, and other persons and organizations to do the work in accordance with the Contract Documents to Owner's satisfaction within the prescribed time.
- 6.6 Owner reserves the right to reject the bid of any Bidder who does not pass any such evaluation to Owner's satisfaction.

- 6.7 The Contract award shall be based on the lowest and best bid or lowest responsive and responsible bid (as applicable for the public contracting agency receiving bids) for the base bid and selected alternate items (if any) for this project.

PART 7 BID SECURITY

- 7.1 Each bid must be accompanied by a certified or cashier's check in the amount of 10% of the amount bid, an irrevocable letter of credit in the amount of 10% of the amount bid or an original bond in the amount of 100% of the amount bid per ORC 153.54 and 153.571. The certified or cashier's check, or irrevocable letter of credit shall be from a financial institution authorized to transact business in the State of Ohio and acceptable to the Owner. The bond shall be underwritten by a Surety Company authorized to transact business in the State of Ohio having an Ohio agent and listed on the most current Department of the Treasury Circular 570, "Surety Companies Acceptable on Federal Bonds." The bond shall be a "Bid Guarantee and Contract Bond" ("rollover bond") per O.R.C. sections 153.54 and 153.571 submitted for the full amount of the bid **including all alternates**, if any.

If bid security is made by bond, the Bidder and their Surety shall sign the Supplemental Bond Acknowledgement form and submit with their bid.

- 7.2 The certified or cashier's check, irrevocable letter of credit, or bond shall be made payable to the Owner and shall serve as a guarantee that in the event the bid is accepted and a contract is awarded to the successful Bidder, the contract will be executed by the bidder including any certifications, certificates or additional bonds required by the contract.
- 7.3 Failure on the part of the successful Bidder to execute the contract documents will cause the certified or cashier's check, irrevocable letter of credit, or bond to be forfeited to the Owner as damages.
- A. If the Owner awards the contract without rebidding, the Bidder (and the Surety on their bond if a bond was submitted) shall be liable to the Owner for a penal sum not to exceed the difference between the low bid and the next lowest bidder or 10% of the amount of the bid, whichever is less.
- B. If the Owner does not award the Contract to the next lowest Bidder, but resubmits the project for bidding; the Bidder (and the Surety on their bond if a bond was submitted) shall be liable to the Owner for a penal sum not to exceed the costs in connection with the resubmission of bids or 10% of the amount of the bid, whichever is less.
- 7.4 Checks or letters of credit for bid security of all bidders will be returned in the manner and timeframe stipulated in the Ohio Revised Code.

PART 8 CONTRACT BOND

- 8.1 As security for faithful performance and payment of all obligations under the Contract, the Owner shall require and the successful Bidder shall furnish either:
- A. *If submitted as Bid Security at time of bid:* "Bid Guarantee and Contract Bond" (AKA "rollover bond") per O.R.C. sections 153.54 and 153.571.
 - B. *If a cashier's check or irrevocable letter of credit is submitted as Bid Security at time of bid:* Contract Bond per Ohio Revised Code Sections 153.54 and 153.57, in the amount of 100% of the Contract Price. The Contractor and their Surety shall sign the Supplemental Bond Acknowledgement form and submit with the Contract forms
- 8.2 The bond shall be underwritten by a Surety Company authorized to transact business in the State of Ohio having an Ohio agent and listed on the most current Department of the Treasury Circular 570, "Surety Companies Acceptable on Federal Bonds."
- 8.3 The contract bond shall cover correction of the work for the period stated in the specifications and the correction period shall start upon Final Acceptance of the entire project and final payment by the Owner.
- 8.4 Nothing in the performance of the Engineer's service to the Owner in connection with this project shall in any way imply any undertaking for the benefit of the successful Bidder, its subcontractor(s), or the surety of any of them.

PART 9 AWARD AND EXECUTION OF CONTRACT

- 9.1 After the Owner's legislative body awards the project, the successful bidder will receive the unsigned contract documents. Within 10 days after their receipt, the successful Bidder shall sign and deliver to the Owner said contract documents including any certifications, certificates, or additional bonds required by the contract.
- 9.2 The Owner shall execute the Contract within 60 days after the day of the bid opening. When necessary and by mutual consent between the Owner and the Successful Bidder, this 60-day period may be extended.
- 9.3 The date of the Owner's signature on the Contract Agreement shall be the effective contract date.
- 9.4 The Owner shall execute and deliver to the successful Bidder one set of fully executed contract documents.

PART 10 INSURANCE

- 10.1 Verification of limits for public liability, property damage, automobile, Worker's Compensation, or any other insurance required by the provisions of this Contract must be submitted to the Owner prior to execution of the Contract.

- 10.2 All insurance shall be endorsed so that it cannot be cancelled for non-payment of premium for 10 days or cancelled or non-renewed for any other reason in less than 30 days after a written notice of such proposed action by the insurer is given to the Owner. The cancellation clause on the Certificate(s) of Insurance shall read as specified in the Supplementary Conditions and failure to submit an insurance certificate and/or policy endorsement verifying same shall be reason for the Owner to consider the Contractor non-responsive in complying with the requirements for contract execution and may be cause for forfeiture of the Bid Security to Owner.
- 10.3 The Contractor's Liability Insurance policy(s) shall be endorsed such that limits are on a Per Project basis.
- 10.4 The Contractor shall also provide an Owner's and Contractor's Protective Policy.

PART 11 NON-COLLUSION AFFIDAVIT

- 11.1 Collusion between bidders will be cause for rejection of affected bids and may be cause for rejection of all bids. Multiple bids submitted by one bidder under the same name or different names, whether as an individual, firm, partnership, corporation, profit or non-profit, affiliate, or association will be cause for rejection of bids. A subcontractor is not a bidder, and may submit prices to multiple bidders.
- 11.2 All bidders shall submit an affidavit that their bid is genuine and not collusive or sham; that such bidder has not colluded, conspired, connived, or agreed, directly or indirectly, with any bidder or person, to put in a sham bid, or that such other bidder or person shall refrain from bidding; that such bidder has not in any manner, directly or indirectly sought by agreement or collusion, or communication or conference, with any person, to fix the bid price of affiant or any other bidder, or to fix any overhead, profit or cost element of said bid price, or of that of any other bidder, or to secure any advantage against the Owner or any person or persons interested in the proposed contract; that such bidder is the only party (or parties) who has an interest with the bidder in the profits of any contract which may result from the herein contained proposal; that no individual affiliated with the Owner, including but not limited to the head of any department, any employee, or any other official or officer of the Owner, is or will be directly or indirectly interested in this bid, and/or the profits from this bid if successful; that no individual affiliated with the Owner, including but not limited to the head of any department, any employee, or any other official or officer of the Owner, has or will receive anything of value as a result of the submission of this bid or its award; that no individual affiliated with the Owner, including but not limited to the head of any department, any employee, or any other official or officer of the Owner, has been solicited to provide assistance and/or provided assistance to the bidder which might give the bidder a competitive advantage or circumvent the competitive bidding process; and that all statements contained in said proposal are true; and further, that such bidder has not, directly or indirectly submitted this bid, or the contents thereof, or divulged information or data relative thereto to any association or to any member or agent thereof.
- 11.3 Each bid must be accompanied by a completed Noncollusion Affidavit provided within the contract documents.

11.4 Where there is reason to believe collusion or combination among bidders exists, the Owner reserves the right to reject the bid of those concerned.

PART 12 DELINQUENT PERSONAL PROPERTY STATEMENT

12.1 Included with the contract documents is a Delinquent Personal Property Statement to be filled out by the successful Bidder.

12.2 The statement shall be sent to both the County Auditor and the County Treasurer. A signed copy shall remain in the contract documents as well.

PART 13 ORIGINAL DOCUMENTS

13.1 All bid forms, contract forms, bonds and any other bid documents or contract documents requiring signatures shall be submitted with original signatures. No photo copies or faxed copies of signed documents shall be accepted.

PART 14 ADDENDA

14.1 The bidder shall be responsible to obtain Addenda from the web at <https://bids.ctconsultants.com>.

END OF SECTION 08/2020

SITE/CIVIL - PRICES TO INCLUDE

PART 1 - GENERAL

Any work shown on the plans or required in the specifications but not paid for separately as a bid item shall be included in the cost of other bid items. The amount bid for each Bid Item shall include the following:

- 1.1 All labor, materials, tools, equipment, and transportation necessary for the proper execution of the work in accordance with the Contract Documents.
 - 1.2 All assistance required by the Engineer to verify compliance with the Contract Documents, including measuring for final pay quantities.
 - 1.3 Project coordination and scheduling.
 - 1.4 Contractor shall provide a detailed breakdown of total site civil package lump sum bid items.
 - 1.5 All provisions necessary to protect workmen, the general public, and property along the work in accordance with the Contract Documents.
 - 1.6 Protection and/or replacement of existing property corner monuments.
 - 1.7 Record drawings of the installed location of all underground electrical conduit, sewers, tees, wyes, laterals, etc.
 - 1.8 Materials testing.
 - 1.9 Water inspection fees to Aqua Ohio.
 - 1.10 Sanitary inspection fees to Lake County Department of Utilities.
 - 1.11 Reimbursement to Owner for costs of re-inspection or re-testing of any work not installed in compliance with the Contract Documents.
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1. All new Portland cement concrete pavement, drives and aprons, walks, curbs and curb ramps shall be cured immediately after placement with a self-degrading curing compound such as ChemMasters Safe-Cure Clear, Water Based Resin, or equal.
 2. Construction staking of the improvements performed by licensed Ohio Professional Surveyor.
 3. All erosion control measures in accordance with Contract Documents and any jurisdictional entity.
 4. All provisions included as described or implied in this Prices to Include Section for each Bid Item listed.
 5. Completion and execution of all work shown, specified, or implied regardless of specific mention of such work in this section herein. Costs for all work items not specifically mentioned herein shall be included in the related items bid.

6. There will be no additional charges for winter protection for work completed by the contractor during winter conditions.

PART 2 - ITEMS

All work proposed by this contract shall be quantified and paid for in accordance with the pertinent O.D.O.T. specification except as specifically altered by other provisions of this contract. THE BELOW SCHEDULE OF VALUE ITEMS SHALL BE INCLUDED, BUT NOT LIMITED TO, AND INCLUDED IN THE LUMP SUM PRICE FOR WORK TO BE COMPLETED :

REGIONAL RESPONSE CENTER (CIVIL)
 CIVIL SCHEDULE OF VALUES FOR REFERENCE ONLY
 CONTRACTOR SHALL PROVIDE A DETAIL SITE CIVIL BREAKDOWN OF LUMP SUM WORK AFTER AWARD
 OF THE CONTRACT

8/17/2020

Item No.	Item	EST. QUANTITY	Unit
201	Clearing & Grubbing	1.0	LS
202	Pavement Removed	1903.6	SY
202	Pipe Removed, 24 Inch and Under	346.0	FT
202	MANHOLE/Catch Basin Removed	3.0	EA
202	Utility pole removed	2.0	EA
202	Fence Removed	740.0	LF
202	Siren Pole Removed & Replaced	1.0	EA
203	Strip topsoil	1.0	LS
203	Excavation (UG detention Area) used as embankment	1.0	LS
203	Import for Embankment	1.0	LS
203	Excavation including embankment	1.0	LS
204	Subgrade Compaction	1.0	LS
204	Fine grading	1.0	LS
304	Aggregate Base, 6 inches	1094.2	CY
448	Type C Pavement Replacement including curb	5.3	SY
452	8" Non-Reinforced Concrete Drives and Aprons, Class QC-1, Incl. Fiber Reinforcing, Incl. Removal, APP	4347.7	SY
605	4" Unclassified Pipe Underdrain With Fabric Wrap, APP	358.0	FT
606	4" Finger drain With Fabric Wrap, APP	311.0	FT
607	Board on Board Fence 6'	264.0	LF
SPC	6" Pipe Bollards	24.0	EA
SPC	Dumpster Enclosure	1.0	LS
608	4" Concrete Integral Curb & Walk Including Fibrous Reinforcing, including Curb Ramps	1574.0	SF
611	48 Inch San. Cut-in Manhole, APP	2.0	EA
611	6 Inch Sanitary Sewer , SDR 26	73.0	LF
611	6 Inch Sanitary Sewer , DIP CL 52	327.0	LF
611	Sanitary Sewer lateral Location, Heavy Cleaning & Televising	365.0	LF
611	8 Inch Stm. Sewer Cleanout	7.0	EA
SPC	OIL Separator	1.0	EA
611	Connect Existing Downspouts to storm	2.0	EA
611	6" Storm Sewer, APP	12.0	FT
611	8" Storm Sewer, APP	692.0	FT
611	12" Storm Sewer, APP	474.0	FT
611	24" Nyloplast Catch Basin	1.0	EA
611	2x2 Inlet	2.0	EA
611	48 Inch Storm Manhole, APP	5.0	EA
611	60" outlet control structure, APP	1.0	EA
611	ACO trench drain aco s200k w/ powerlok grate	33.0	LF
SPC	Underground Detention System (Materials delivered & Installed in trench), Aggregate Stone Base & Backfill, Geotextile Fabric	1.0	LS
638	Water Service, 2 " Copper	233.0	LF
638	2 " Corp Stop and Tap	1.0	EA
638	2" Gate Valve & Valve box	1.0	EA
638	Water Meter Setting	1.0	EA
638	8 inch Fire Line, Including Restoration	238.0	LF
637	Hydrant Assembly	1.0	EA
638	8" x 8" Cut In tee , Valve & Box	1.0	EA
638	8" DDCV Backflow Preventor, PRV and Vault 6x16	1.0	EA
638	4" FIRE DEPARTMENTY CONNECTION AND LINE	1.0	LS
SPC	Electric Conduit	150.0	LF
SPC	Gas service, 2"	150.0	LF
642	Pavement Markings & Signs	1.0	LS
623	Construction Layout Stakes and Surveying	1.0	LS
659	Seeding and Mulching, APP (includes 4 inches Topsoil)	1555.6	SY
832	Erosion Control	1.0	EA
SPC	LAKE COUNTY DEPARTMENT OF UTILITIES: NEW CAPCITY FEE PAID ON BEHALF OF THE CITY	\$ 27,000.00	\$
103	Bonds and Insurances	1.0	LS
624	Mobilization	1.0	LS
SPC	Contingency/Discretionary Allowance for Subgrade Undercutting Per Geotechnical Report (Contingency As Directed in the Field)	\$	TBD

NO BUILDING PAD PAVEMENT SECTIONS
 EXTERIOR UTILITIES TO BUILDING WALL (NO INTERIOR)

2.1 (SPC) PRECONSTRUCTION VIDEOTAPE DOCUMENTATION

Basis of Payment

The lump sum price shall include all costs associated with hiring a professional videographing firm to document in detail the existing conditions of the entire work area and potential disturbed areas and submitting a high quality DVD with audio commentary and video log.

2.2 (SPC) BONDS AND INSURANCES, AS PER PLAN

Basis of Payment

A "Bonds and Insurances" item (including "Owner/Contractor Protective Policy," "All Risk Builder's Risk Insurance," and/or "Installation Floater Insurance," as required) has been included in the bid proposal. On the first pay estimate, the Owner will pay the invoice amount of the bonds and project insurance policies or the amount bid for this item whichever is less. Any difference between the amount dispersed on the first pay estimate and the bid amount for this item will be released on the final pay estimate.

2.3 (201) CLEARING AND GRUBBING

The price shall include all necessary clearing, removal and disposal of all vegetation, trees and shrubs that are in conflict with proposed work.

2.4 (202) PAVEMENT REMOVED

The price shall include full depth pavement, sidewalk and curb removal, all necessary diamond blade saw cutting for pavement removals near existing building, at face of curb for removal of existing curbs. The price shall also include disposal of existing pavement, sidewalk and curb and any excess material.

2.5 (202) PIPE REMOVED

The price shall include all excavation, removal and disposal of all underground storm, sanitary and water lines within the project area.

2.6 (202) CATCH BASIN REMOVED

The work, method of construction and materials for removal of existing catch basins shall be in accordance with ODOT Item 202 with modifications shown on the improvement plans and detailed in the specifications. In location where structures are being removed and not replaced, the additional excavation area shall be backfilled according to the plan details and included in price.

2.7 (202) UTILITY POLE REMOVED

Method of Measurement

The price shall include all labor, materials, tools and appurtenances necessary to complete the work as specified or as shown. Unit price shall include disposal of all materials. The price shall also include transportation of existing light pole to City Service Department for storage. This includes removal and disposal of light pole foundation.

2.8 (202) FENCE REMOVED

The price shall also include all labor, materials, tools and appurtenances necessary to complete the work as specified or as shown. Unit price shall include disposal of all materials.

2.9 (202) SIREN POLE REMOVED AND REPLACED

The price for these items shall also include all labor, materials, tools and appurtenances necessary to complete the work as specified or as shown. The price shall include disposal of all unusable materials. The price shall also include transportation of existing light pole and existing hardware to City Service Department for storage. The price shall include removal, storage and replacement of light pole and foundation.

2.10 (203) EXCAVATION INCLUDING EMBANKMENT CONSTRUCTION, AS PER PLAN

The intent is for the proposed site to be cut and or filled to plan elevations. This item shall include striping, stockpiling and removal of topsoil, any necessary export and/or import needed to obtain plan elevations. All material shall be compacted in accordance with the geotechnical report requirements and technical specifications.

The price shall include the field location and survey, exploratory excavation, and verification of existing utilities prior to excavation; earth and/or rock excavation; sheeting, shoring; disposal of undesirable and excess material; all pumping required for adequate handling of flow bypassing, protection of existing trees or vegetation to be saved; protection and/or replacement of all existing utilities; removal and replacement of poles, posts, signs, mailboxes, paper boxes, fences, landscape timbers, guardrails, sign wiring, fixtures, or other appurtenances; surface grading, temporary pavement; and the furnishing of all labor, materials, tools and appurtenances necessary to compete the work as specified or as shown.

2.11 (204) SUBGRADE COMPACTION

The price shall include subgrade compaction of the proposed subbase for the building floor areas and pavement(s) envelope, as well as the area in the island median prior to placement of aggregate base.

2.12 (204) PROOF ROLLING

The price shall include proof rolling as required by contract specification and as directed by the owner.

2.14 (304) AGGREGATE BASE

The price shall be for crushed limestone. No slag or recycled products shall be allowed.

2.15 (452) 8-INCH NON REINFORCED CONCRETE PAVEMENT, AS PER PLAN

The work, method of construction and materials for reinforced concrete pavement of the thickness specified shall be in accordance with ODOT Item 452 with the following modifications:

1. Concrete used shall be Class QC 1.

The price shall be full compensation for furnishing and placing all materials, including reinforcing, dowels and joint materials, sleeper slab and materials for expansion joints, subbase compaction, concrete curb, joint saw cutting, curing compound placement and furnishing all labor, tools, appliances, equipment and all other appurtenances necessary to complete the work as specified or as shown. The contractor shall supply a construction joining and saw cutting plan prior to installing concrete for review by the owner. Box outs and joint types shall be called off.

2.16 (605) 4-INCH UNCLASSIFIED PIPE UNDERDRAIN, WITH FABRIC WRAP, AS PER PLAN

The work, method of construction and materials for underdrain of the size specified with filter fabric trench wrap shall be in accordance with ODOT Item 605 with the following modifications:

1. Pipe material shall meet the requirement of ASTM D3034 Polyvinyl Chloride sewer pipe and fittings, perforated.
2. Trench dimensions shall be as detailed on the plans.
3. Bedding and backfill material shall be No. 57 aggregate, 703.01.
4. The cost of connecting to existing or proposed drainage structure is to be included with this item of work.

The price shall include underdrains irrespective of the depth, class and size of pipe and shall include the furnishing and installing of the pipe, risers, specials, bends and fittings or cored stubs where shown on the drawings, backfill material as specified, bedding, jointing material, plugs, stoppers, bulkheads, sheeting and shoring; earth and/or rock excavation; testing of compaction; disposal of undesirable and excess material; connection to drainage structures; dewatering, including all pumping required for underground or surface water; and the furnishing of all labor, materials, tools and appliances necessary to complete the work as specified or as shown.

2.17 (605) 4-INCH FINGER DRAIN, WITH FABRIC WRAP, AS PER PLAN

The work, method of construction and materials for finger drain of the size specified with filter fabric trench wrap shall be in accordance with ODOT Item 605 with the following modifications:

1. Pipe material shall meet the requirement of ASTM D3034 Polyvinyl Chloride sewer pipe and fittings, perforated.
2. Trench dimensions shall be as detailed on the plans.
3. Bedding and backfill material shall be No. 57 aggregate, 703.01.
4. The cost of connecting to existing or proposed drainage structure is to be included with this item of work.

The price shall include finger drain irrespective of the depth, class and size of pipe and shall include the furnishing and installing of the pipe, risers, specials, bends and fittings or cored stubs where shown on the drawings, backfill material as specified, bedding, jointing material, plugs, stoppers, bulkheads, sheeting and shoring; earth and/or rock excavation; testing of compaction; disposal of undesirable and excess material; connection to drainage structures; dewatering, including all pumping required for underground or surface water; and the furnishing of all labor, materials, tools and appliances necessary to complete the work as specified or as shown.

2.18 (608) 4-INCH INTEGRAL CURB & CONCRETE WALK INCLUDING FIBROUS REINFORCING, INCLUDING REMOVAL, AS PER PLAN
(608) 6-INCH CURB RAMP, INCLUDING FIBROUS REINFORCING, AS PER PLAN

The work method of construction and materials for Integral concrete curb & concrete walk and curb ramps shall conform to ODOT Items 608, 452, 304, 203 and 202, except as modified herein or as shown on the contract drawings.

- A. ODOT Item 499 Concrete, QC 1 shall be used for walks and curb ramps.
- B. Each and every sidewalk joint shall be edge tooled after texturing surface.
- C. ODOT 304 Aggregate Base, utilizing crushed limestone, shall be provided with these items.
- D. Truncated domes shall be included in the cost for 6-inch curb ramp.

The price shall include the excavation, immediate removal and disposal of structures and obstructions, furnishing all materials, subgrade compaction, grading, forming, finishing of the walk, tooling of edge, and pavement including removal and disposal of existing grass, sod, topsoil, necessary pavement saw cutting, excavation and/or backfill to required line and grade; saw cutting, asphalt pavement removal and installation of concrete grout at road edge; concrete; self-degrading resin-based curing compound, and expansion joint material; work shall include installation of vertical curb backing to match existing walk; furnishing of all labor, tools, materials and equipment necessary to complete the work as specified or as shown.

2.19 (611) 6-INCH SANITARY SEWER LATERAL, AS PER PLAN

The price shall include work required for sanitary sewer laterals installed to the line and grade as defined on the plans in accordance with the Lake County Department of utilities requirements. The price shall be irrespective of the depth of pipe and shall include horizontal and vertical surveying and layout, main connection location and test tee location; field location, HEAVY CLEANING & TELEVISIONING OF EXISTING LATERAL, exploratory excavation, and verification of existing utilities prior to excavation; clearing and/or protection of existing trees or vegetation to be saved; protection and/or replacement of all existing utilities; earth and/or rock excavation; sheeting; shoring; disposal of undesirable and excess material; all pumping required for adequate handling of flow bypassing, underground water and/or surface water; bedding; the furnishing and laying of pipe; specials; bends; tees; fittings; o-rings; plugs; stoppers; bulkheads; caps, jointing material; compaction of backfill material; compaction testing & reporting, wye-pole markers, replacement of poles, posts, signs, mailboxes, paper boxes, fences, landscape timbers, guardrail, sign wiring, fixtures, or other appurtenances; site cleanup; Lake County Inspection fees, and the furnishing of all labor, materials, tools and appurtenances necessary to complete the work as specified or as shown.

2.20 (SPC) OIL SEPARATOR, AS PER PLAN

The price shall include all work and material for the Oil Separator installed to the line and grade as defined on the plans in accordance with the Lake County Department of utilities requirements. The price shall be irrespective of the depth and shall include horizontal and vertical surveying and layout, main connection location and test tee location; field location, exploratory excavation, and verification of existing utilities prior to excavation; clearing and/or protection of existing trees or vegetation to be saved; protection and/or replacement of all existing utilities; earth and/or rock excavation; sheeting; shoring; disposal of undesirable and excess material; all pumping required for adequate handling of flow bypassing, underground water and/or surface water; bedding; the furnishing and laying of pipe; specials; bends; tees; fittings; o-rings; plugs; stoppers; bulkheads; caps, jointing material; compaction of backfill material; compaction testing & reporting, wye-pole markers, replacement of poles, posts, signs, mailboxes, paper boxes, fences, landscape timbers, guardrail, sign wiring, fixtures, or other appurtenances; site cleanup; Lake County Inspection fees, and the furnishing of all labor, materials, tools and appurtenances necessary to complete the work as specified or as shown.

2.21 (611) 6-INCH STORM SEWER, AS PER PLAN
(611) 8-INCH STORM SEWER, AS PER PLAN
(611) 12-INCH STORM SEWER, AS PER PLAN

The work, method of construction and materials for sewer construction shall be in accordance with ODOT Item 611 with the modifications shown on the improvement plans and detailed in the specifications.

The price shall be for sewer pipe of the various sizes and types specified shall be irrespective of the depth of pipe , shall include the furnishing and laying of pipe; field location,

exploratory excavation, and verification of existing utilities prior to laying conduit; earth and/or rock excavation; sheeting; shoring; disposal of undesirable and excess material; all pumping required for adequate handling of flow bypassing, underground water and/or surface water; bedding; compacted backfill material; compaction testing and reporting, Owner's costs related to re-inspection or re-testing of failed or re-compacted backfill material; specials; bends; tees; fittings; plugs; stoppers; cleanouts; bulkheads; jointing material; protection of existing trees or vegetation to be saved; protection and/or replacement of all existing utilities; connection to existing conduit or structures; leakage testing; deflection testing; internal videotaping; Owner's costs related to re-inspection or re-testing of pipe failing internal videotaping; removal and replacement of poles, posts, signs, mailboxes, paper boxes, fences, landscape timbers, guardrails, sign wiring, fixtures, or other appurtenances; surface grading; temporary pavement; and the furnishing of all labor, materials, tools and appurtenances necessary to complete the work as specified or as shown.

2.22 (611) CATCH BASIN, (BY TYPE), AS PER PLAN

The price shall include all work and materials irrespective of the depth of catch basin ,shall include the furnishing and of setting catch basins and castings; field location; exploratory excavation, and verification of existing utilities prior to installing catch basins; earth and/or rock excavation; sheeting; shoring; disposal of undesirable and excess material all pumping required for adequate handling of flow bypassing, underground water and/or surface water; bedding; compacted granular backfill; compacted backfill material; specials; bends; tees; fittings; riser pipe; jointing material; coring of existing sewers; protection of existing trees or vegetation to be saved; protection and/or replacement of all existing utilities; removal and replacement of poles, posts, signs, mailboxes, paper boxes, fences, landscape timbers, guardrails, sign wiring, fixtures, or other appurtenances; temporary pavement; and the furnishing of all labor, materials, tools and appurtenances necessary to complete the work as specified or as shown. Adjustments in final casting elevations of plus or minus one (1) foot shall be included in the price.

2.23 (611) 48-INCH SANITARY CUT-IN MANHOLE, SAMPLING & METERING MANHOLE, AS PER PLAN

Method of Measurement

The price shall include the work and materials for sanitary cut-in manholes installed to the line and grade as defined on the plans in accordance with the Lake County Department of utilities requirements. The price shall be irrespective of the depth and shall include horizontal and vertical surveying and layout, main connection location and test tee location; field location, exploratory excavation, and verification of existing utilities prior to excavation; clearing and/or protection of existing trees or vegetation to be saved; protection and/or replacement of all existing utilities; earth and/or rock excavation; sheeting; shoring; disposal of undesirable and excess material; all pumping required for adequate handling of flow bypassing, underground water and/or surface water; bedding; the furnishing and laying of pipe; specials; bends; tees; fittings; o-rings; plugs; stoppers; bulkheads; caps, jointing material; compaction of backfill material; compaction testing & reporting, wye-pole markers, replacement of poles, posts, signs, mailboxes, paper boxes, fences, landscape timbers, guardrail, sign wiring, fixtures, or other appurtenances; site cleanup; Lake County Inspection

fees, and the furnishing of all labor, materials, tools and appurtenances necessary to complete the work as specified or as shown.

- 2.24 (611) 48-INCH STORM MANHOLE, AS PER PLAN
- 2.25 (611) 60-INCH OUTLET CONTROL STRUCTURE, AS PER PLAN

The price shall include all work and materials for manholes, shall include the furnishing and construction in place of the manholes complete with excavation, backfill, frame and cover, steps, cast-in-place concrete base, limestone subbase, steel reinforcement, bricks, mortar, plastering, seals and grout, waterproofing, precast manhole sections, granular backfill under proposed or existing pavements, walks/drives, existing drainage structures, and disposal of

all undesirable material, sheeting and shoring, dewatering, all pumping required for adequate handling of flow bypassing and/or underground and/or surface water; removal, disposal and replacement of existing pavement (rigid or flexible, grass restoration as specified, and the furnishing of all labor, materials, tools and appliances necessary to complete the work as specified or as shown. The price shall also include all sewer stubs and plugs or connection of existing sewers to the structure as indicated on the Contract Drawings or directed by the Engineer. Adjustments in final casting elevations of plus or minus one (1) foot shall be included.

- 2.26 (611) ACO TRENCH DRAIN (BY TYPE) AS PER PLAN

The price shall be irrespective of the depth of trench drain and shall include the furnishing and of setting drain basins and castings; field location; exploratory excavation, and verification of existing utilities prior to installing drain basins; earth and/or rock excavation; sheeting; shoring; disposal of undesirable and excess material all pumping required for adequate handling of flow bypassing, underground water and/or surface water; bedding; compacted granular backfill; compacted backfill material; specials; bends; tees; fittings; riser pipe; jointing material; coring of existing sewers; protection of existing trees or vegetation to be saved; protection and/or replacement of all existing utilities; removal and replacement of poles, posts, signs, mailboxes, paper boxes, fences, landscape timbers, guardrails, sign wiring, fixtures, or other appurtenances; temporary pavement; and the furnishing of all labor, materials, tools and appurtenances necessary to complete the work as specified or as shown.

- 2.27 (SPC) UNDERGROUND DETENTION SYSTEM (BY TYPE), AS PER PLAN

The price shall be irrespective of the depth of underground detention and shall include the furnishing and of setting ACO basins and castings, filter and geotextile fabrics; field location; exploratory excavation, and verification of existing utilities prior to installing drain basins; earth and/or rock excavation; sheeting; shoring; disposal of undesirable and excess material all pumping required for adequate handling of flow bypassing, underground water and/or surface water; bedding; compacted granular backfill; compacted backfill material; specials; bends; tees; fittings; riser pipe; jointing material; coring of existing sewers; protection of existing trees or vegetation to be saved; protection and/or replacement of all existing utilities; removal and replacement of poles, posts, signs, mailboxes, paper boxes, fences, landscape timbers, guardrails, sign wiring, fixtures, or other appurtenances;

temporary pavement; and the furnishing of all labor, materials, tools and appurtenances necessary to complete the work as specified, in accordance with manufacturers requirement's or as shown. The rice shall also include the costs of having a qualified manufacturer's representative onsite inspecting installation and construction of system.

2.28 (638) ABANDON EXISTING WATER MAIN, AS PER PLAN

The price shall include work necessary to abandon the existing water main, excavation, including removal and disposal of excess materials; closing existing line valves and removal of existing valves and boxes (if not paid for under a separate item); cutting and removing for disposal existing water main at locations shown on drawings or as a result of the Contractor's work; plugging, bulk heading abandoned mains, capping existing live tees and water main; backfill and compaction; surface restoration not included in other items, as per plan details; furnishing of all labor, material, tools and appliances necessary to complete the work as specified.

2.29 (638) CONNECT NEW WATER MAIN TO EXISTING WATER MAIN, AS PER PLAN

This item is for the connection to the existing waterline utilizing a restrained mechanical joint tee and solid sleeve and mechanical joint coupling.

The unit price each shall include advanced excavation of tie-in locations or suspected conflict locations, excavation, bedding, backfill, restrained joints as required, thrust blocking, connecting to the existing waterline, all costs associated with connecting to the asbestos-cement waterline, all costs associated with the temporary shutdown of the existing waterline, all costs associated with notifying Property Owners that will be affected by the loss of service during shutdown, flushing, chlorinating, testing and furnishing of all labor, materials, tools, and appurtenances necessary to complete the work as specified or as shown.

Note: If the Contractor is not equipped to perform necessary work on the asbestos-cement pipe himself, he shall be responsible for employing and paying for the services of a subcontractor that specializes in dealing with asbestos to perform the work. The subcontractor shall be licensed with and approved by Aqua Ohio Water.

The price shall include and be full compensation for each connection made including, but not limited to: disposal of surplus material, furnishing and installing joint material, long solid sleeve, reducers, bends, other fittings, saw cutting pipe, removal of existing caps or plugs and making connections as required, hypochlorite swabbing, joint restrains, thrust blocking and polyethylene encasement.

2.30 (638) 2-INCH COPPER SERVICE BRANCH (LONG), AS PER PLAN

The work shall be as per ODOT 638 and contract specifications. The price shall also include locating and connecting to all existing services; exploratory excavation and field location of existing service connections, new curb stops and boxes, corporation stops, copper services, blocking, and the furnishing of all labor, materials, tools and appurtenances necessary to complete the work as specified or as shown.

2.31 (638) 6-INCH, 8-INCH AND 12-INCH GATE VALVE AND VALVE BOX

The price shall include valve and valve box set to finish grade, where shown on the plans and as specified, installed complete including excavation regardless of soil or rock type, backfill per typical trench details, testing, and furnishing all labor, materials, tools, and appurtenances necessary to complete the work as specified or as shown.

The price shall be full compensation for furnishing all labor, equipment, materials and appurtenances necessary to complete all work, as per plan, associated with the installation of the new tee and valve as detailed on the contract drawings and specifications or otherwise directed by Aqua Ohio Water. The price shall include field location of the existing main, coordination with the water department for shutting off valves, checking closed main to assure valves shut off flow, cutting of existing pipe, restrained joint mechanical long sleeves, removal of all water, and installation of the new tee and sleeve.

The price shall also include, but is not limited to the following: pre-investigation to verify subsurface conditions and depth, size and location of underground utilities; isolation and removal of existing waterline as needed to install new gate valves; temporary water service connections to residential homes (if necessary); temporary sheeting and shoring; excavation, bedding backfill and compaction; removal and replacement of sidewalks and curb drains; pipe supports; ductile iron pipe and fitting; valves and restrained joint mechanical sleeves; collection and disposal of all surface and /or ground water impacting the installation of improvements; disposal of all undesirable and surplus materials; and testing and disinfection of new and existing waterlines as directed by Aqua water.

2.32 (638) 6" FIRE HYDRANT ASSEMBLY INCLUDING 6" VALVE AND VALVE BOX, AS PER PLAN

The price shall include all work as per ODOT 638 with the following additions: The price shall also include the hydrant branch tee, bends for over-pass (if required), restrained fittings and nipples, restrained pipe between the tee and valve and/or valve and hydrant, nuts and bolts, zinc anode caps if specified, gate valve and valve box. All work and materials shall be in accordance with the Aqua Ohio requirements and specifications. Hydrants shall have a 5 inch stortz connection.

2.33 (638) 8-INCH BACKFLOW AND METER VAULT, AS PER PLAN

The price shall include all work and materials and shall be as per ODOT Item 638 with the following additions; the unit price shall also include rock excavation, removal and disposal of excess materials as needed, all necessary pipe fittings, bends, lowerings - irrespective of the depth of lowering, specials, branches, frostproofing (insulation) per plan detail, plugs, caps, bulkheads, backfilling as specified, blow off and sampling assemblies as needed or directed; chlorination, chlorination sampling and testing, bacteria sampling and testing, zinc anode caps for all bolts; joint restraint; thrust blocking, furnishing, installing and operation necessary pumps, pipes and appurtenances necessary for trench dewatering; support protection, relocation and/or replacement of all existing utilities (sanitary force mains, storm and sanitary sewers, culverts, gas lines, curb drains, catch basins, underground conduit,

wires, cables, utility poles, signs, etc.); excavating sanitary laterals and utilities in advance of waterline to determine depth in order to install waterline at specified vertical offset from utilities; installing and maintaining temporary traffic surface in paved areas; maintenance, removal and replacement of all signs, mailboxes, paper boxes, fences, guardrails, or other structures; regrading of ditches and/or swales; and the furnishing of all labor, materials, tools and appurtenances necessary to complete the work as specified or as shown.

2.34 (611) MANHOLE, MISC.: CONNECTION TO EXISTING MANHOLE

The price shall include the various connections of proposed sewers to existing manholes shall be irrespective of pipe size and depth. The price shall include furnishing and connecting, the pipe, waterstops or gaskets, pipe adapters and/or couplings, field coring or cutting existing manholes, fittings, bedding, backfilling, jointing material, bulkheads, concrete collars, rechanneling of the existing manhole invert as needed, removal and disposal of existing pipes and debris, and pumping required for adequate handling of flow bypassing. Price shall include pavement removal and replacement and maintenance of traffic. Payment shall include work involved for the Contractor to inspect each connection location to determine existing pipe type, size and inverts at structure locations.

2.35 (614) MAINTAINING TRAFFIC, AS PER PLAN

The work, method of construction and materials for maintaining traffic shall be in accordance with ODOT Item 614 and the Ohio Manual of Uniform Traffic Control Devices (OMUTCD).

The price shall include all costs for labor, materials, tools and appurtenances necessary to complete the work as specified. Payment shall be made progressively throughout the contract period in proportion to the percentage of work complete or as otherwise approved by the Engineer.

2.36 (624) MOBILIZATION

Basis of Payment

The lump sum (LS) price shall include all labor to transfer all equipment, materials, personnel, storage area, sanitary facilities, and incidentals to the project site as required to complete the project per plans and specifications.

2.37 (625) TRENCH

Measurement

The price shall include a placeholder for Contractor to trench for gas company, telephone & electric necessary for utility connections and relocations. The price for these items shall also include all cost for labor, materials, tools and appurtenances necessary to complete the work as specified in the contract drawings and specifications.

2.38 (630) SIGN, FLAT SHEET, WITH MOUNTING POST

The price shall include all costs for labor, materials, tools and appurtenances necessary to complete the work as specified in the contract drawings. Unit price shall include furnishing and placing of "STOP" R1-1 36"X36" sign, mounting post along with Handicap Signing per details.

2.39 (642) TRAFFIC PAINT, AS PER PLAN

The work, method of construction and materials for traffic paint shall be in accordance with ODOT Item 642 except as modified herein.

The price shall be full compensation to install all pavement markings per the contract drawings. The price shall include pavement preparation and re-painting all pavement markings proposed or as directed by the Engineer.

2.40 (659) SEEDING AND MULCHING, AS PER PLAN

The price shall include furnishing and placement of 4 inches of topsoil, testing of topsoil, finish grading, seed, fertilizers, lime, water, maintenance, mowing, and all else necessary to establish a grass turf over all disturbed areas to be grassed in the project limits.

2.41 (832) EROSION CONTROL, AS PER PLAN

The price shall include installation, implementation and maintenance of all appropriate erosion control measures, any and all labor, equipment, and materials including but not limited to inlet protection, straw bales, concrete truck washout areas, silt fence, and temporary seeding to provide erosion control commensurate with the Contractor's means, methods, work schedule, and in accordance with specifications, if any.

2.42 CONTINGENCY/DISCRETIONARY ALLOWANCE- SITE CIVIL

A Contingency/Discretionary Allowance Site Civil has been included in the Bid Proposal in each contract to be utilized as directed by the Engineer for unscheduled work items not included on the proposal forms or other changes in the work. The contingency allowance or portions thereof shall only be released upon execution of approved Change Orders or as approved by the Engineer. Any portion of the allowance not utilized shall be credited to the Owner. Under this Item (SPC) SUBGRADE UNDERCUTTING PER GEOTECHNICAL REPORT, AS PER PLAN (with the negotiated price to be determined) shall include work required to address problem areas as identified in the geotechnical report. All material shall be compacted in accordance with the geotechnical report requirements and technical specifications. The price shall include the field location and survey, exploratory excavation, and verification of existing utilities prior to excavation; earth and/or rock excavation; sheeting, shoring; disposal of undesirable and excess material; all pumping required for adequate handling of flow bypassing, protection of existing trees or vegetation to be saved; protection and/or replacement of all existing utilities; removal and replacement of poles, posts, signs, mailboxes, paper boxes, fences, landscape timbers, guardrails, sign wiring, fixtures, or other appurtenances; surface grading, temporary pavement; and the furnishing of all labor, materials, tools and appurtenances necessary to compete the work as specified or as shown.