



**TOWN OF STRATFORD
PURCHASING DEPARTMENT
STRATFORD, CONNECTICUT**

BID No. 2012-007

Issued : February 1, 2012

Subject : Furnish and Install a Manually Operated Slide Gate

The Town of Stratford through the Office of the Purchasing Agent, will receive SEALED BIDS for furnishing the equipment described in the accompanying specifications, in accordance with the instructions, conditions and reservations that follow:

A. CLOSING DATE:

Bids will be received until 3:00 pm February 16, 2012, at which time they will be publicly opened and read. All bidders are invited to attend this public opening, which will be held immediately following the closing time specified above, in the Office of the Purchasing Agent, Room 202, Town Hall, 2725 Main Street, Stratford, CT 06615.

Any bid may be withdrawn prior to the above-scheduled time for receiving bids or authorized postponement thereof. Any bids received after the date and time specified shall NOT be considered. No bidder may withdraw a bid within 45 days after the actual opening thereof.

B. INSTRUCTIONS:

Bid proposals are to be submitted (**TWO COPIES**) in a sealed envelope and clearly marked with the bid number and description on the outside of the envelope, including all outer packaging (DHL, FedEx, UPS, etc).

Bids must be delivered to:

Purchasing Department
Stratford Town Hall – Rm 202
2725 Main Street
Stratford, CT 06615

C. CONDITIONS:

Bid Surety:

A Certified Check, Cashier's Check or Bid Bond in the amount of \$1,000.00 must accompany each proposal, made payable to the Town of Stratford. No bid will be considered without this surety. Upon award or rejection of the bid, all Certified Checks or Cashier's Checks received in lieu of Bid Bonds will be returned to the bidders.

Payment: Final payment will be made upon the acceptance of the completed work by an authorized representative of the Town of Stratford. NO partial payments will be made. Invoices covering the work specified herein should be forwarded to the Purchasing Department upon completion of the project.

Taxes: The Town of Stratford is exempt from all State and Federal taxes. Do not include these amounts in your quotation.

Addendums: All addendums will be posted on the town website, www.townofstratford.com. It is the responsibility of the bidder to check the website for any addendums before submitting their bid.

F.O.B. Destination: All prices quoted must be net delivered to destination.

Conflict of Interest: No public official or employee shall, while serving as such, have any financial interest or engage in any business, employment, transaction or professional activity or incur any obligation of any nature which is in substantial conflict with the proper discharge of his/her duties or employment in the public interest.

Insurance Requirements:

A. General Liability

Occurrence limit \$1,000,000; aggregate limit \$2,000,000. The insurance carried by the proposer shall be on form CG 00 01, or equivalent. The Town of Stratford shall be named as an additional insured on the contractor's General Liability Insurance Policy with form CG 20 10 or CG 20 33, *and* CG 20 37.

B. Automobile Liability

Combined single limit of \$1,000,000. Comprehensive automobile policy to cover all owned, hired or non-owned automobiles or vehicles.

C. Workers Compensation

The proposer must have workers' compensation and employers liability insurance as required by Connecticut and federal law, plus employers liability limits of \$1,000,000 per accident, 1,000,000 disease each employee and \$1,000,000 disease policy limit.

D. Umbrella Liability

The proposer shall have a minimum coverage of \$1,000,000 excess umbrella coverage, naming the Town as additional insured.

The proposer shall procure and pay for the insurance coverage described above and must maintain the indicated insurance for a period of two (2) years after completion of the contract. All policies shall provide for thirty (30) days written notice prior to cancellation, substantial change or nonrenewal. In addition, the selected firm shall require its subcontractors, if any, to meet the same insurance requirements and to furnish the Town with similar evidence of insurance.

In addition, the proposer shall, at all times, save, indemnify and hold harmless the Town of Stratford, its officers, agents, employees and servants from liability of any nature or kind, including costs and expenses for or on account of, any patented or copyrighted equipment, materials, articles, or processes used in the performance of this contract, or on account of any and all claims, damages, losses, litigation expense and counsel fees arising out of loss or injuries (including death) sustained by or alleged to have been sustained by the public or any persons affected by the proposer's work, or by the proposer or any subcontractor, or anyone directly or indirectly employed by them while engaged in the performance of their duties in connection with this contract.

D. RESERVATIONS:

The Town of Stratford may consider informal any proposal not prepared and submitted to the Town in accordance with the provisions herein stated. The Town of Stratford reserves the right to reject any or all proposals or parts of proposals; to waive defects in same proposals; or to accept any proposal or part thereof deemed to be in the best interests of the Town of Stratford.

Michael Bonnar, Purchasing Agent

SPECIFICATIONS: See next page.

BID #2012-007
Specifications

Provide a Quotation for Furnishing and Installing a manually operated stainless steel Slide Gate in an open (grate covered) concrete chamber to operate on the upstream side of the 36" pipe leading to the tidally affected Housatonic River.

Firm to provide all materials, labor, tools, equipment, shipping, etc to install and test the gate, seals, stem, anchorage, etc. in place and complete, which gate shall open and close freely under the design head. Contractor shall abide by all local, state and federal regulations regarding installation of such work.

Shop drawing: Contractor to submit drawings and specifications for construction detailing all material to be installed as described generally below.

Gate Size: 36" X 36"

Material: Frame, fittings, brackets, low friction stem guides, bolts, connections, etc to be stainless steel designed to withstand continuous operation under the operating head conditions.

Gate to be steel reinforced composite Kevlar type plastic disk, having a tensile strength of 12,500 psi, impact strength of 40,300,000 erg, a max deflection of 1/1000 of the span and be UV and chemical resistant.

Actuator shall be wall bracket mounted pedestal a manual gearbox operation. Operator to be provided with crank and clear tube to protect stem in open condition.

Seals to be ultra high polyethylene and backing of highly resilient expanded neoprene.

Anchor bolts to be drilled and set in epoxy mortar. All gaps to be closed with non-shrink grout.

All materials shall provide long life in salt water conditions.

Site Visit: Contractor shall visit the site prior to bidding and incorporate in the bid all site conditions when designing and installing the equipment. Contact Pete Stallings at 203-385-4065 to coordinate site visit.

Work with Town: The Town will assist in removing the temporary plug in the upstream pipe and, after allowing the pipe to drain at low tide, reinstalling the plug on the downstream end to limit tidewater from entering the chamber during construction. The work should be scheduled during tide cycles that produce lower than normal low tides to limit the conflict with the tide.

Warranty: Provide a guarantee and warrant gate, seals, and operator to operate free of trouble for a period of 10 years

Contractor and manufacturer shall remedy any problems during the warranty period at no cost.

Other work: The contractor shall also plug gaps between the stormwater pipe and the concrete manhole to prevent groundwater leakage into the manhole. The contractor shall use Carboguard A-788 by Carboline patching compound installed in accordance with the manufacturers instructions and shall give a price per manhole (up to three manholes will be considered).

O&M: Contractor to provide training to Town staff to use, adjust and maintain the gate.

Provide all manuals, warranties and other information necessary for proper operation.

Schedule: Contractor to begin shop drawings immediately upon receipt of purchase order. Work to be completed within 6 months of purchase order.

Payment: Payment will be made upon successful completion of the work.

BID FORM
Town of Stratford
BID #2012-007

DESCRIPTION: Furnish and Install a Manually Operated Slide Gate

Attach a copy of the description and specs of the materials to be used.

Total Cost (equipment and labor) \$ _____

References :

Three municipalities with contact name and phone number

Vendor Name: _____

Address: _____

City/Town: _____ **State** _____ **Zip Code** _____

Phone Number: _____

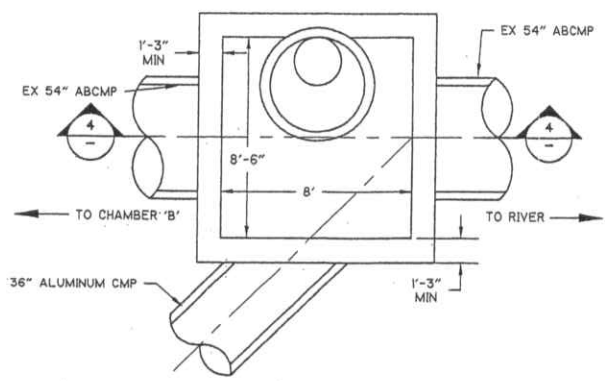
Name : _____

Title: _____

Signature: _____

(E) (F) (G) (H)

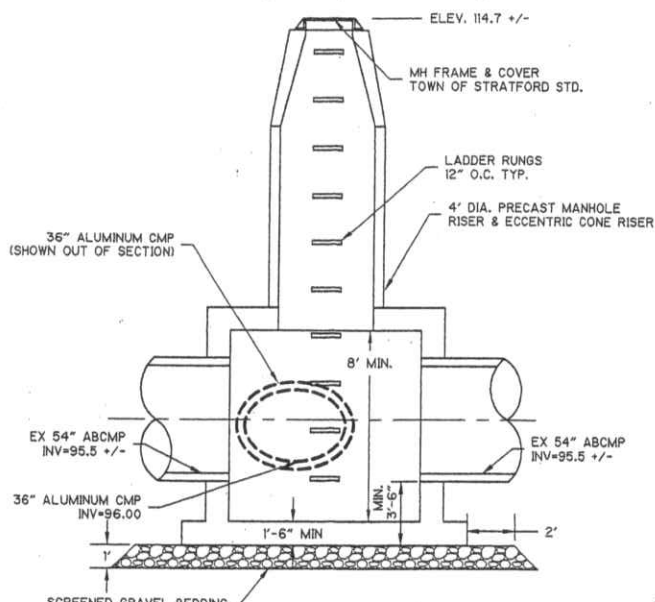
3 SHALL BE IN WITH THE DETAILS THE STRUCTURAL SD-5-4 AND THE NOTES



JUNCTION CHAMBER TOP (STMH 301)

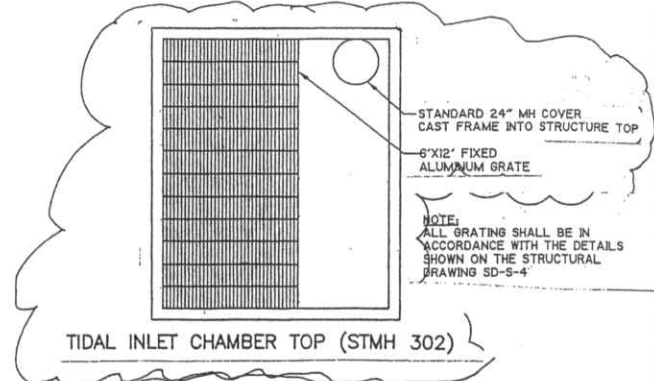
PLAN

1/4" = 1'-0"



SECTION 4

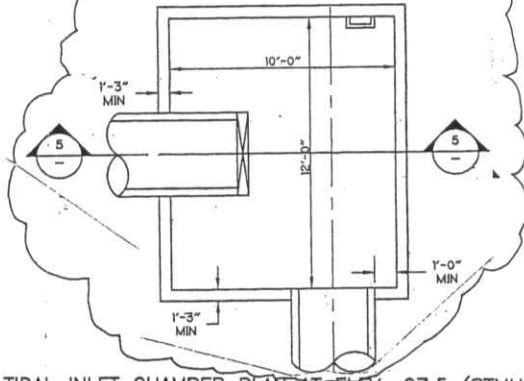
1/4" = 1'-0"



TIDAL INLET CHAMBER TOP (STMH 302)

PLAN

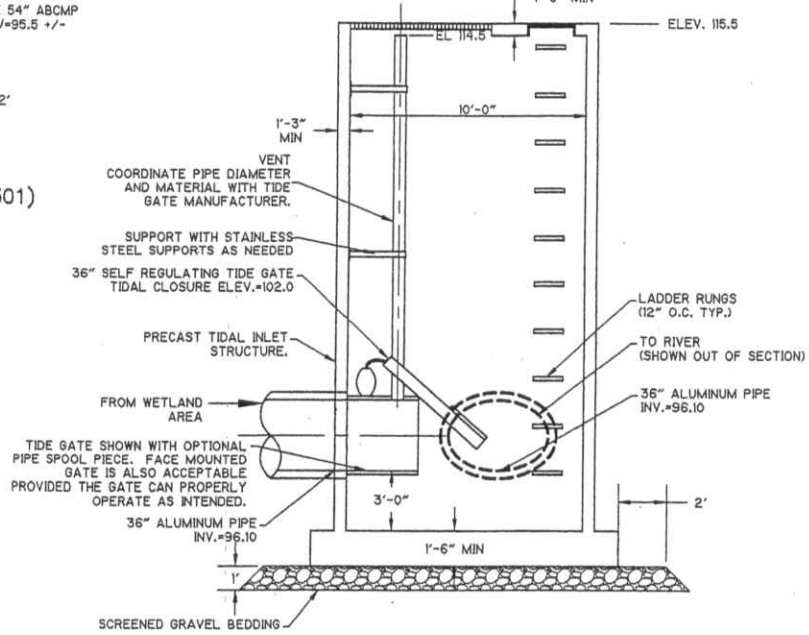
1/4" = 1'-0"



TIDAL INLET CHAMBER PLAN AT ELEV.=97.5 (STMH 302)

PLAN

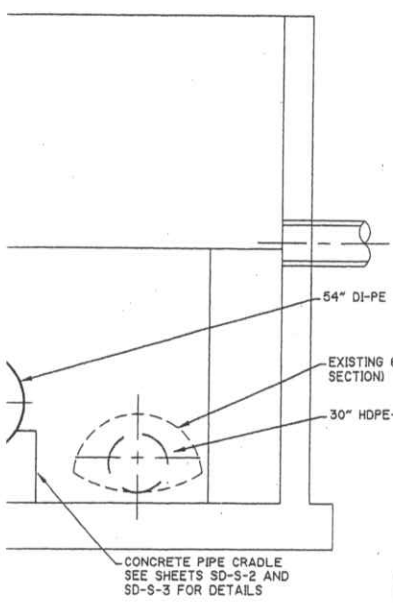
1/4" = 1'-0"



PRECAST CONCRETE TIDAL INLET CHAMBER (STMH 302)

SECTION 5

1/4" = 1'-0"



CHAMBER B

2

EXISTING STORMWATER CHAMBER DETAILS

PRECAST CONCRETE NOTES:

1. ALL PRECAST STRUCTURES TO MEET H-20 LOADING REQUIREMENTS
2. SHOP DRAWINGS SHOWING REINFORCING DETAILS, AND STRUCTURAL COMPUTATIONS TO BE SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF CONNECTICUT.
3. STRUCTURAL COMPUTATIONS MUST INCLUDE BUOYANCY COMPUTATIONS ASSUMING GROUNDWATER ELEVATION EQUAL TO FINISHED GRADE.
4. HOLES SUCH AS PIPE PENETRATIONS AND PICK POINTS MUST BE FILLED WITH NON-SHRINK GROUT.
5. JOINTS BETWEEN SECTIONS MUST BE SEALED WITH A BUTYL RUBBER TYPE SEAL.
6. CONCRETE COMPRESSIVE STRENGTH 4,000 PSI AT 28 DAYS
7. MANHOLE AND CONCRETE STRUCTURES SUBJECTED TO TIDAL FLOWS SHALL BE COATED WITH APPROVED CONCRETE SEALER.