

TOWN OF GLASTONBURY
GL-2018-06
PARKS MAINTENANCE FACILITY ADDITION & RENOVATION
ADDENDUM NO. 1
1-31-18

Bid Due Date: 02-15-18 @ 11:00 A.M.

The attention of bidders submitting proposals for the above-referenced project is called to the following Addendum to the specifications. The items set forth herein, whether of omission, addition, substitution or other change, are all to be included in and form a part of the proposed Contract Documents for the work. Bidders shall acknowledge this Addendum on the Bid Proposal Page (BP-1).

GENERAL CONSTRUCTION SPECIFICATIONS: The following sections are added to the General Construction Specifications.

17.00 PRODUCT SUBMITTALS

17.01 The Contractor shall submit a detailed Submittal Schedule at the Pre-Construction meeting. Prior to ordering materials, the Contractor shall submit submittals as specified in the Detailed Specification sections. Three (3) copies of the submittals shall be forwarded to the Engineer for review and approval.

17.02 Submittals shall indicate specification section for each product. Submittals not containing all the required information shall be returned to the Contractor for re-submittal.

18.00 OWNER'S ACCEPTANCE

18.01 Within seven days of the Contractor's notification that an installation is substantially complete, the Owner's authorized representative shall inspect the installation. The Owner, with the Contractor, shall take necessary steps to inspect the installation. Upon completion of the inspection, the Owner or the Owner's authorized representative may either accept the work outright or prepare a "Punch list" that upon completion by the Contractor and acceptance by the Owner will signify Substantial Completion provided that all other applicable terms and provisions of the Contract have been completed to the Owner's satisfaction.

19.00 MEASUREMENT, PAYMENT & RETAINAGE

19.01 All direct, indirect, or incidental costs of work and/or services required by these specifications shall be included in the Total Lump Sum Bid Amount.

19.02 Monthly progress payments will be made, based on an approved Schedule of Values, for work that has progressed in accordance with the contract documents, subject to a deduction of five percent (5%) of the Application for Payment to be retained by the Owner until Substantial Completion of the entire contract in an acceptable manner and two and one half percent (2.5%) until the applicable one year warranty period has expired and all required inspections and corrective work have been completed and results have been submitted and approved by the Engineer.

19.03 It is anticipated that the Schedule of Values will include but is not necessarily limited to the following items: Bonds; Mobilization; Hazardous Materials abatement; Footings, Foundations & Concrete; Electrical; Unit Masonry; Roof Systems; Plumbing; Site Utilities; Millwork; and HVAC. The Schedule of Values shall be reviewed and approved by the Engineer.

STATEMENT OF SPECIAL INSPECTIONS: The attached Statement of Special Inspections is hereby incorporated and included as part of the contract documents. The Owner will pay for the expense associated with the inspections and testing identified in the Statement of Special Inspections. The Town will use Terracon Consultants Inc., 201 Hammer Mill Rd., Rocky Hill, CT 06067 as the Testing Agency identified on the SSI form. Macchi Engineers, Hartford, CT will serve as Special Inspection Coordinator and PE/SE.

C-101 SITE UTILITY PLAN: The proposed gas service and meter shown on this plan are not included in this contract. (NIC)

QUESTIONS:

Question 1: *Are there CHRO requirements for this project?*

Answer: No.

Question 2: *What are the liquidated damages, if any?*

Answer: Liquidated damages of \$500/day shall be assessed for each calendar day that the Contractor has not achieved Substantial Completion after August 31, 2018 or such Substantial Completion date that may have been modified by an approved extension of time by written change order. Liquidated damage amounts will be deducted by the Owner from payments due to the Contractor.

Question 3: *Will we be required to provide portable toilets?*

Answer: No. The Contractor can use portable toilets provided by the Town.

Question 4: *Will an office trailer be required?*

Answer: No.

Question 5: *The men's room vanity detail on D5-A701 doesn't show how the vanity will be supported. Could you please clarify?*

Answer: Provide Richelieu Extra-Heavy Duty Countertop Bracket EH1818: 18" x 18" x 2" T-Bar Construction, mill finish, max. 36" o.c. in compliance with ADA clearance where required.

Question 6: *Please provide a detailed spec as to what system is being applied to this floor; 09-Resinous Flooring. Please specify the type of Dur-A-Flex system you would like us to use.*

Answer: All spaces indicated to receive Resinous Flooring EXCEPT Break Room: Dur-A-Flex "Hybrid-Flex EQ". Q-28 Quartz Color Blends, one color to be selected per room, up to 3 total for project. Break Room: Dur-A-Flex "Dur-A-Chip": one color to be selected from Earthstone Chip Blends.

Question 7: *The plans show an existing 1-1/2" water line being abandoned and a new 2" water line going back in the same location approximately. The plans indicate that there is an HVAC condenser in the same location, and a site plan shows a gas line in the same area. How does anyone want all these items to coexist in the same place? Who is bringing in the new 2" water line?*

Answer: Remove existing water line to extent that it does not require removal of existing HVAC condensing unit (abandon in place if not possible/practical to remove pipe beneath concrete pad). Locate new 2" water line as close to existing HVAC Condensing unit as possible. New 2" water line is included in this project and should be included in the Total Lump Sum Bid Amount. Contractor to advise if existing HVAC Condensing Unit must be relocated to accommodate coordination. Gas line is by Others and is not included in this project or to be included in the Total Lump Sum Bid Amount.

Question 8: *Hardware notes appear to shed light on the closers and butts-but says to match existing for the locksets and I don't see any actual hardware sets. Do you have or can you get additional information regarding the hardware?*

Answer: Use Norton 1600 series closers, Stanley HD hinges, and Sargent locksets with mortise RC keyways. Specific requirements can be addressed further as part of submittal process.

Question 9: *The appliances call for GE Profile but there are several models under that line. Could you please clarify the model numbers. Division 11 specs say see plumbing specs for the garbage disposal but none is listed in the plumbing fixture schedule.*

Answer: The garbage disposer is included. A cut sheet for the garbage is attached. Please refer to the attached Kitchen Appliance List for model numbers.

Question 10: *The structural detail I/S1 shows what looks like a 12" wall with block on the inside, an air space, and brick masonry on the outside. The Architectural elevations call for split face block on the outside. Not sure if everything will fit in 12".*

Answer: Please refer to Sheet A-001, General Information, Outline Specifications, Division 04 Masonry, which identifies a composite insulated concrete masonry wall system with an actual thickness of 12 1/4".

Question 11: *Could you please clarify if the roofing contractor is to provide a manufacturer's 20 year warranty.*

Answer: Yes, a manufacturer's 20 year warranty is required.

Question 12: *Drawing S1.2 calls for a haunched slab under masonry walls that are over 10' high. Does this mean that the existing slab needs to be removed and re-poured with a haunch inside the building or is this detail only for new slabs?*

Answer: Haunches are not required within the existing building.

Note: This addendum consists of 14 pages including the above text.

END OF TEXT

KITCHEN APPLIANCE LIST

GE Café-Series ENERGY STAR 23.1 Cu. Ft.
Counter-Depth French Door Refrigerator
CWE23SSHSS

GE Profile Series 30" Slide-In Front
Control Electric Convection Range
With Warming Drawer
PS920SFSS

GE Profile Series 30" Designer Hood
JV936DSS

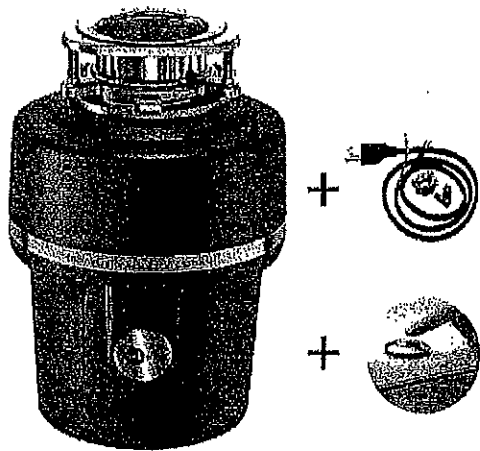
GE Profile Stainless Steel Interior
Dishwasher with Front Controls
PDF820SSJSS

Evolution Essential XTR with Sink Top
Switch Activation Included Food
Waste Disposer

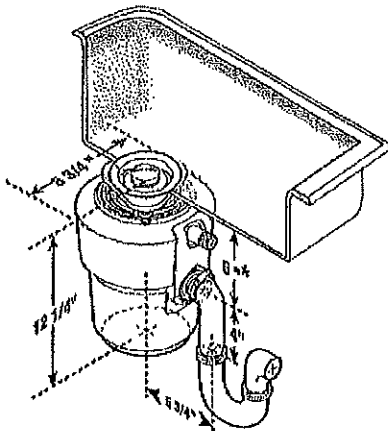
in sink erator®

Evolution Series®

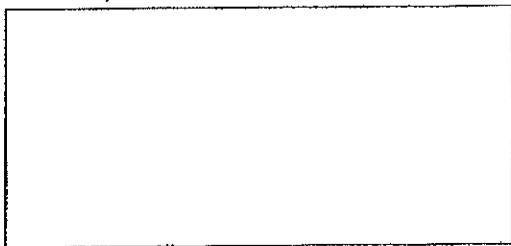
Grind More. Hear Less.®



Dimensions



Job Specifications



Food Waste Disposers

Evolution Essential® XTR

With SinkTop Switch™ Activation Included

Submittal Sheet

The ideal choice for a wide range of applications.

- SoundSeal® technology delivers quieter performance. Hold a conversation with elevated voices in the same room.
- MultiGrind® technology delivers 2 stages of grind vs. 1 stage in standard disposer.
- Includes Quiet Collar® sound reducing sink baffle.
- Includes SinkTop Switch accessory with Satin Nickel button and power cord for easy disposer activation.

Specifications

Type of Feed	Continuous
On/Off Control	SinkTop Switch™
Motor	Single Phase
HP	3/4
Volts	120
HZ	60
RPM	1725
Amp. (Avg. Load)	8.1
Time Rating	Intermittent
Lubrication	Permanently Lubricated Upper & Lower Bearings
Shipping Weight (Approx.)	20.0 lbs.
Unit Finish	Black Enamel Gray
Overall Height	12-3/4"
SoundSeal Technology	Anti-Vibration Mount* Anti-Vibration Tailpipe Mount* Quiet Collar® Sink Baffle SoundInsulator® Insulation
MultiGrind Technology	GrindShear Ring®
Grind Chamber Capacity	34.6 oz.
Motor Protection	Manual Reset Overload
Average Water Usage	Approx. 1 Gallon Per Person Per Day
Average Electrical Usage	3-4 kWh Per Year
Drain Connection	1-1/2" Anti-Vibration (Hose Clamp)
Dishwasher Drain Connection	Yes

Sample Specification

Food Waste Disposer(s) shall be InSinkErator Model Evolution Essential® XTR with MultiGrind® and SoundSeal® technologies, 3/4 HP motor, Stainless Steel Grind components, SinkTop Switch™ accessory and power cord accessory.

Warranty:

6-Year parts and in-home service.

* The complete InSinkErator warranty is included in the Care & Use Booklet packed with each unit.



Food waste disposers can provide an environmentally responsible alternative to transporting food waste to landfills. And they can help reduce greenhouse gas emissions. At capable wastewater treatment plants, food waste can be recycled to produce renewable energy. Additionally, capable wastewater treatment plants can process food waste into fertilizer. (Check the plant in your area.)

www.InSinkErator.com/green



The mark of responsible forestry
BACC0044013
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1-800-558-5700
www.InSinkErator.com

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Statement of Special Inspections

Project: **Additions and Renovations to Glastonbury Parks and Maintenance Facility**

Location: **1086 New London Turnpike, Glastonbury, CT**

Owner: **Town of Glastonbury**

Design Professional in Responsible Charge: **Macchi Engineers, LLC, Hartford, CT**

This *Statement of Special Inspections* is submitted as a condition for permit issuance in accordance with the Special Inspection and Structural Testing requirements of the Building Code. It includes a schedule of Special Inspection services applicable to this project as well as the name of the Special Inspection Coordinator and the identity of other approved agencies to be retained for conducting these inspections and tests. This *Statement of Special Inspections* encompass the following disciplines:

- Structural Mechanical/Electrical/Plumbing
 Architectural Other: _____

The Special Inspection Coordinator shall keep records of all inspections and shall furnish inspection reports to the Building Official and the Registered Design Professional in Responsible Charge. Discovered discrepancies shall be brought to the immediate attention of the Contractor for correction. If such discrepancies are not corrected, the discrepancies shall be brought to the attention of the Building Official and the Registered Design Professional in Responsible Charge. The Special Inspection program does not relieve the Contractor of his or her responsibilities.

Interim reports shall be submitted to the Building Official and the Registered Design Professional in Responsible Charge.

A *Final Report of Special Inspections* documenting completion of all required Special Inspections, testing and correction of any discrepancies noted in the inspections shall be submitted prior to issuance of a Certificate of Use and Occupancy.

Job site safety and means and methods of construction are solely the responsibility of the Contractor.

Interim Report Frequency: **Weekly**

or per attached schedule.

Prepared by:

Michael R. Plickys, P.E.

(type or print name)

Michael Plickys

Signature

1/29/18

Date



Owner's Authorization:

Building Official's Acceptance:

Signature

Date

Signature

Date

Schedule of Inspection and Testing Agencies

This Statement of Special Inspections / Quality Assurance Plan includes the following building systems:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Soils and Foundations | <input type="checkbox"/> Spray Fire Resistant Material |
| <input checked="" type="checkbox"/> Cast-in-Place Concrete | <input checked="" type="checkbox"/> Wood Construction |
| <input type="checkbox"/> Precast Concrete | <input type="checkbox"/> Exterior Insulation and Finish System |
| <input checked="" type="checkbox"/> Masonry | <input type="checkbox"/> Mechanical & Electrical Systems |
| <input checked="" type="checkbox"/> Structural Steel | <input type="checkbox"/> Architectural Systems |
| <input type="checkbox"/> Cold-Formed Steel Framing | <input type="checkbox"/> Special Cases |

Special Inspection Agencies	Firm	Address, Telephone, e-mail
1. Special Inspection Coordinator	Macchi Engineers, LLC Michael R. Plickys, P.E. CT No. 17241	44 Gillett Street Hartford, CT 06105 (860)-549-6190
2. Inspector		
3. Inspector		
4. Testing Agency	Terracon Consultants Inc.	201 Hammer Mill Rd., Rocky Hill, CT 06067 (860) 721-1900
5. Testing Agency		
6. Other		

Note: The inspectors and testing agencies shall be engaged by the Owner or the Owner's Agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. Any conflict of interest must be disclosed to the Building Official, prior to commencing work.

Quality Assurance Plan

Quality Assurance for Seismic Resistance

Seismic Design Category *B*
Quality Assurance Plan Required (Y/N) *N*

Description of seismic force resisting system and designated seismic systems:
Combination Ordinary Moment Frame, and Shear Walls

Quality Assurance for Wind Requirements

Basic Wind Speed (3 second gust) 97 MPH *Vasd (Glastonbury)*
Wind Exposure Category *B*
Quality Assurance Plan Required (Y/N) *N*

Description of wind force resisting system and designated wind resisting components:
Same as Seismic

Statement of Responsibility

Each contractor responsible for the construction or fabrication of a system or component designated above must submit a Statement of Responsibility.

Qualifications of Inspectors and Testing Technicians

The qualifications of all personnel performing Special Inspection and testing activities are subject to the approval of the Building Official. The credentials of all Inspectors and testing technicians shall be provided if requested.

Key for Minimum Qualifications of Inspection Agents:

When the Registered Design Professional in Responsible Charge deems it appropriate that the individual performing a stipulated test or inspection have a specific certification or license as indicated below, such designation shall appear below the *Agency Number* on the Schedule.

PE/SE	Structural Engineer – a licensed SE or PE specializing in the design of building structures
PE/GE	Geotechnical Engineer – a licensed PE specializing in soil mechanics and foundations
EIT	Engineer-In-Training – a graduate engineer who has passed the Fundamentals of Engineering examination

American Concrete Institute (ACI) Certification

ACI-CFTT	Concrete Field Testing Technician – Grade 1
ACI-CCI	Concrete Construction Inspector
ACI-LTT	Laboratory Testing Technician – Grade 1&2
ACI-STT	Strength Testing Technician

American Welding Society (AWS) Certification

AWS-CWI	Certified Welding Inspector
AWS/AISC-SSI	Certified Structural Steel Inspector

American Society of Non-Destructive Testing (ASNT) Certification

ASNT	Non-Destructive Testing Technician – Level II or III.
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International Code Council (ICC) Certification

ICC-SMSI	Structural Masonry Special Inspector
ICC-SWSI	Structural Steel and Welding Special Inspector
ICC-SFSI	Spray-Applied Fireproofing Special Inspector
ICC-PCSI	Prestressed Concrete Special Inspector
ICC-RCSI	Reinforced Concrete Special Inspector

National Institute for Certification in Engineering Technologies (NICET)

NICET-CT	Concrete Technician – Levels I, II, III & IV
NICET-ST	Soils Technician - Levels I, II, III & IV
NICET-GET	Geotechnical Engineering Technician - Levels I, II, III & IV

Exterior Design Institute (EDI) Certification

EDI-EIFS	EIFS Third Party Inspector
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Other

Item	Agency # (Qualif.)	Scope
1. Shallow Foundations	4 PE	<p><i>Inspect soils below footings for adequate bearing capacity and consistency with geotechnical report.</i></p> <p><i>Inspect removal of unsuitable material and preparation of subgrade prior to placement of controlled fill</i></p> <p><i>Structural Engineer to inspect subgrade prior to footing placement.</i></p>
2. Controlled Structural Fill	4 PE	<p><i>Perform sieve tests (ASTM D422 & D1140) and modified Proctor tests (ASTM D1557) of each source of fill material.</i></p> <p><i>Inspect placement, lift thickness and compaction of controlled fill.</i></p> <p><i>Test density of each lift of fill by nuclear methods (ASTM D2922)</i></p> <p><i>Verify extent and slope of fill placement.</i></p>
3. Deep Foundations	NA	
4. Load Testing	NA	
4. Other:	NA	

Cast-in-Place Concrete

Item	Agency # (Qualif.)	Scope
1. Mix Design	1 ACI-CCI ICC-RCSI	<i>Review concrete batch tickets and verify compliance with approved mix design. Verify that water added at the site does not exceed that allowed by the mix design.</i>
2. Material Certification		
3. Reinforcement Installation	4 ACI-CCI ICC-RCSI	<i>Inspect size, spacing, cover, positioning and grade of reinforcing steel. Verify that reinforcing bars are free of form oil or other deleterious materials. Inspect bar laps and mechanical splices. Verify that bars are adequately tied and supported on chairs or bolsters</i>
4. Post-Tensioning Operations	NA	
5. Welding of Reinforcing	4 AWS-CWI	<i>Visually inspect all reinforcing steel welds. Verify weldability of reinforcing steel. Inspect preheating of steel when required.</i>
6. Anchor Rods	4	<i>Inspect size, positioning and embedment of anchor rods. Inspect concrete placement and consolidation around anchors.</i>
7. Concrete Placement	4 ACI-CCI ICC-RCSI	<i>Inspect placement of concrete. Verify that concrete conveyance and depositing avoids segregation or contamination. Verify that concrete is properly consolidated.</i>
8. Sampling and Testing of Concrete	4 ACI-CFTT ACI-STT	<i>Test concrete compressive strength (ASTM C31 & C39), slump (ASTM C143), air-content (ASTM C231 or C173) and temperature (ASTM C1064).</i>
9. Curing and Protection	1,4 ACI-CCI ICC-RCSI	<i>Inspect curing, cold weather protection and hot weather protection procedures.</i>
10. Other:		

Item	Agency # (Qualif.)	Scope
1. Material Certification	1	<i>Review material certifications to confirm compliance with specifications.</i>
2. Mixing of Mortar and Grout	4 <i>ICC-SMSI</i>	<i>Inspect proportioning, mixing and retempering of mortar and grout.</i>
3. Installation of Masonry	4 <i>ICC-SMSI</i>	<i>Inspect size, layout, bonding and placement of masonry units.</i>
4. Mortar Joints	4 <i>ICC-SMSI</i>	<i>Inspect construction of mortar joints including tooling and filling of head joints.</i>
5. Reinforcement Installation	4 <i>ICC-SMSI</i> <i>AWS-CWI</i>	<i>Inspect placement, positioning and lapping of reinforcing steel.</i> <i>Inspect welding of reinforcing steel.</i>
6. Prestressed Masonry	NA	
7. Grouting Operations	4 <i>ICC-SMSI</i>	<i>Inspect placement and consolidation of grout. Inspect masonry clean-outs for high-lift grouting.</i>
7. Weather Protection	1,4 <i>ICC-SMSI</i>	<i>Inspect cold weather protection and hot weather protection procedures. Verify that wall cavities are protected against precipitation.</i>
9. Evaluation of Masonry Strength	4 <i>ICC-SMSI</i>	<i>Test compressive strength of mortar and grout cube samples (ASTM C780).</i> <i>Test compressive strength of masonry prisms (ASTM C1314). Take prisms every 5,000 s.f. of wall area.</i>
10. Anchors and Ties	4 <i>ICC-SMSI</i>	<i>Inspect size, location, spacing and embedment of dowels, anchors and ties.</i>
11. Other:		

Structural Steel

Item	Agency # (Qualif.)	Scope
1. Fabricator Certification/ Quality Control Procedures <input checked="" type="checkbox"/> Fabricator Exempt	NA	
2. Material Certification	1 AWS/AIS C-SSI ICC-SWSI	<i>Review certified mill test reports and identification markings on wide-flange shapes, high-strength bolts, nuts and welding electrodes</i>
3. Open Web Steel Joists	NA	
4. Bolting	4 AWS/AIS C-SSI ICC-SWSI	<i>Inspect installation and tightening of high-strength bolts. Verify that splines have separated from tension control bolts. Verify proper tightening sequence.</i>
5. Welding	4 AWS-CWI ASNT	<i>Visually inspect all welds. Inspect pre-heat, post-heat and surface preparation between passes. Verify size and length of fillet welds. Ultrasonic testing of all full-penetration welds.</i>
6. Shear Connectors	NA	
7. Structural Details	1,4 PE/SE	<i>Inspect steel frame for compliance with structural drawings, including bracing, member configuration and connection details.</i>
8. Metal Deck	NA	
9. Other:		

Item	Agency # (Qualif.)	Scope
1. Fabricator Certification/ Quality Control Procedures <input checked="" type="checkbox"/> Fabricator Exempt		
2. Material Grading	1,4 PE/SE	<i>Inspect lumber grading to ensure compliance with material stress specified on the Contract Documents.</i>
3. Connections	1,4 PE/SE	<i>Inspect timber connections to ensure compliance with the Contract Documents.</i>
4. Framing and Details	1,4 PE/SE	<i>Inspect member spacing and locations of bridging to ensure compliance with the Contract Documents.</i>
5. Diaphragms and Shearwalls		
6. Prefabricated Wood Trusses		
7. Permanent Truss Bracing		
8. Other:		