

April 12, 2018

# Division of Transportation Systems Development

Bureau of Project Development 4802 Sheboygan Avenue, Rm 601 P O Box 7916 Madison, WI 53707-7916

Telephone: (608) 266-1631 Facsimile (FAX): (608) 266-8459

# NOTICE TO ALL CONTRACTORS:

Proposal #19: 4080-04-71, WISC 2018 247 Village of Eden Elm Street - NVL USH 45 Fond du Lac County

# Letting of May 8, 2018

This is Addendum No. 01, which provides for the following:

# Special Provisions:

	Added Special Provisions								
Article No.	Description								
36	Excavation, Hauling, and Disposal of Contaminated Soil, Item SPV.0195.02								

	Deleted Special Provisions
Article No.	Description
19	Excavation, Hauling, and Disposal of Contaminated Soil, Item 205.0601.S

# Schedule of Items:

	Added Bid Item Quantit	ties			
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
SPV.0195.02	Excavation, Hauling, and Disposal of Contaminated Soil	TON	0	3000	3000

Deleted Bid Item Quantities												
Bid Item	Item Description	Unit	Old	Revised	Proposal							
Did item	item Description	Unit	Quantity	Quantity	Total							
205.0500.S	Excavation, Hauling, and Disposal of Contaminated Soil	CY	3000	-3000	0							

# Plan Sheets:

	Revised Plan Sheets
Plan	Plan Sheet Title (brief description of changes to sheet)
Sheet	Fian Oricet The (bier description of changes to sheet)
72	Miscellaneous Quantities – Revised Bid Item Number

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist Proposal Management Section

# ADDENDUM NO. 01 4080-04-71 April 12, 2018

#### **Special Provisions**

# 19. DELETED

# 36. Excavation, Hauling, and Disposal of Contaminated Soil, Item SPV.0195.02.

# A Description

# A.1 General

This special provision describes excavating, loading, hauling, and disposing of contaminated soil at a DNR approved bioremediation facility. The closest DNR approved bioremediation facility is are:

Advanced Disposal Glacier Ridge Landfill N7296 Hwy V Horicon, Wisconsin 53032

Waste Management Solutions Valley Trail Landfill N9101 Willard Road Berlin, Wisconsin 54923.

Perform this work according to standard spec 205 and with pertinent parts of Chapters NR 700-754 of the Wisconsin Administrative Code, as supplemented herein. Per NR 718.07, a solid waste collection and transportation service-operating license is required under NR 502.06 for each vehicle used to transport contaminated soil.

This special provision also describes pumping and disposing of contaminated groundwater (if dewatering is necessary).

Perform this work according to standard spec 205 and with pertinent parts of Chapters NR 100-299 of the Wisconsin Administrative Code, as supplemented herein. Perform all work necessary to control, handle, and dispose of groundwater and surface water, and all other water that may be encountered within contaminated areas, as required for performance of the work.

#### A.2 Notice to the Contractor – Contaminated Soil Location(s)

The department completed testing for soil and groundwater contamination for locations within this project where excavation is required. Testing indicated that contaminated soil and/or groundwater is present at the following location(s) as shown on the plans:

Petroleum-contaminated soil and groundwater:

- Site 3 Station 116+60 to Station 117+20, reference line to construction limits right. (305/306 E. Main Street, Whitty Milk Transit Property)
- Site 5 Station 121+80 to Station 122+20, reference line to construction limits right. (214 E. Main St., Birschbach Property)
- Site 6 123+70 to Station 124+25, reference line to construction limits right, and Station 20+00 to Station 20+60 from reference line to limits on left. (146 E. Main St., Meier (Eden Metal Works) Property)
- Site 10 Station 129+50 to Station 131+50, reference line to construction limits right. (102 E. Main St, Scud's Buds Property)

PAH/TCE contaminated soil:

• Site 11 – Station 129+50 to Station 131+50, reference line to construction limits right, and Station 50+00 to Station 51+00 from reference line to limits on left. (201 Fond du Lac Ave., Leudtke Property)

Lead contaminated fill:

• STH 45 right-of-way: Station 129+50 to Station 130+90, from reference line to construction limits LT; Sherman Street right-of-way: Station 28+87 to Station 30+00 from construction limits left to construction limits right; CTH B right-of-way: Station 42+35 to Station 44+75 from construction limits left to construction limits right.

Elevated total nitrogen is present in the soil at the following location but does not require special handling requirements or off-site disposal:

• CTH B right-of-way: Station 41+60 to Station 43+50 from construction limits left to construction limits right.

Contaminated soils and/or groundwater and/or underground storage tanks (USTs) may be encountered at other locations within the construction limits. If contaminated soils and/or groundwater and/or USTs are encountered elsewhere on the project, terminate excavation activities in the area and notify the engineer. Contaminated soil and/or groundwater at other locations shall be managed by the contractor under this contract. USTs will be removed by others.

For further information regarding previous investigation and remediation activities at these sites contact:

Name:	Kathie VanPrice
	Wisconsin DOT, Northeast Region
Address:	944 Vanderperren Way
	Green Bay, WI 54324
Phone: (920)	492-7175
Fax:	(920) 492-5640
E-mail: Kathie	e.vanprice@dot.state.wi.us
Name:	Dan Haak
	TRC Environmental Corporation
Address:	708 Heartland Trail, Ste 3000
	Madison, WI 53717
Phone: (608)	826-3628
Fax:	(608) 826-3941

E-mail: DHaak@trcsolutions.com

# A.3 Coordination

Coordinate work under this contract with the environment consultant:

Consultant:	TRC Environmental Corporation
Address:	708 Heartland Trail, Suite 3000, Madison, WI 53717
Fax:	(608) 826-3941

Contact: Dan Haak Phone: (608) 826-3628 office, (608) 886-7423 mobile E-mail: DHaak@trcsolutions.com

The role of the environmental consultant will be limited to:

- Determining the location and limits of contaminated soil to be excavated based on soil analytical results from previous investigations, visual observations, and field screening of soil that is excavated;
- 2. Identifying contaminated soils to be hauled to the bioremediation facility;
- Documenting that activities associated with management of contaminated soil are in conformance with the contaminated soil management methods for this project as specified herein; and
- 4. Obtaining the necessary approvals for disposal of contaminated soil from the bioremediation facility.
- Identifying contaminated groundwater to be pumped for treatment and disposal (if dewatering is necessary). Coordinating groundwater characterization and approval for disposal of contaminated water with the Village of Eden.

Provide at least a 14-calendar day notice of the preconstruction conference date to the environmental consultant. At the preconstruction conference, provide a schedule for all excavation activities in the areas of contamination to the environmental consultant. Also notify the environmental consultant at least three calendar days prior to commencement of excavation activities in each of the contaminated areas.

Coordinate with the environmental consultant to ensure that the environmental consultant is present during excavation activities in the contaminated areas. Perform excavation work in each of the contaminated areas on a continuous basis until excavation work is completed.

Identify the DNR approved bioremediation facility that will be used for disposal of contaminated soils, and provide this information to the environmental consultant no later than 30 calendar days prior to commencement of excavation activities in the contaminated areas or at the preconstruction conference, whichever comes first. The environmental consultant will be responsible for obtaining the necessary approvals for disposal of contaminated soils from the bioremediation facility. Do not transport contaminated soil offsite without prior approval from the environmental consultant.

# A.4 Protection of Groundwater Monitoring Wells

Groundwater monitoring wells may be present within the construction limits. Protect all groundwater monitoring wells to maintain their integrity. Adjust wells that do not conflict with utilities, structures, curb and gutter, etc. to be flush with the final grade. For wells that conflict with the previously mentioned items, notify the environmental consultant, and coordinate with the environmental consultant the abandonment or adjustment of the wells by others. The environmental consultant will provide maps indicating the locations of all known monitoring wells, if requested by the contractor.

# A.5 Excavation Management Plan Approval

The excavation management plan for this project has been designed to minimize the off-site disposal of contaminated material. The excavation management plan, including these special provisions, has been developed in cooperation with the WDNR. The WDNR's concurrence letter is on file at the Wisconsin Department of Transportation. For further information regarding the investigations, including waste characterization within the project limits, contact Kathie VanPrice with the department, at (920) 492-7172.

# A.6 Health and Safety Requirements

Add the following to standard spec 107.1:

During excavation activities, expect to encounter soil contaminated with lead gasoline, diesel fuel, fuel oil, or other petroleum related products. Site workers taking part in activities that will result in the reasonable probability of exposure to safety and health hazards associated with hazardous materials shall have completed health and safety training that meets the Occupational Safety and Health Administration (OSHA) requirements for Hazardous Waste Operations and Emergency Response (HAZWOPER), as provided in 29 CFR 1910.120.

Prepare a site-specific Health and Safety Plan, and develop, delineate and enforce the health and safety exclusion zones for each contaminated site location as required by 29 CFR 1910.120. Submit the site-specific health and safety plan and written documentation of up-to-date OSHA training to the engineer prior to the start of work.

Disposal of petroleum-contaminated soil at the bioremediation facility is subject to the facility's safety policies.

# B (Vacant)

# **C** Construction

Add the following to standard spec 205.3:

Control operations in the contaminated areas to minimize the quantity of contaminated soil excavated.

The environmental consultant will periodically evaluate soil excavated from the contaminated areas to determine if the soil will require offsite bioremediation. The environmental consultant will evaluate excavated soil based on field screening results, visual observations, and soil analytical results from previous environmental investigations. Assist the environmental consultant in collecting soil samples for evaluation using excavation equipment. The sampling frequency shall be a maximum of one sample for every 20 cubic yards excavated.

On the basis of the results of such field-screening, the material will be designated for disposal as follows:

- Excavation Common consisting of clean soil and/or clean construction and demolition fill (such as clean soil, boulders, concrete, reinforced concrete, bituminous pavement, bricks, building stone, and unpainted or untreated wood), which under NR 500.08 are exempt materials, or
- Low-level contaminated material (PID readings less then 10 ppm and no observation of staining or petroleum odor) for reuse as fill within the construction limits if covered with pavement, or
- Contaminated soil (significant petroleum odor, staining, and/or PID readings greater than 10 ppm) for off-site treatment and disposal at the WDNR-licensed bioremediation facility, or
- Contaminated industrial fill for reuse as fill within the construction limits if covered by pavement or 6-inchess of clean topsoil, or off-site treatment and disposal at the WDNR-licensed bioremediation facility, or
- Potentially contaminated material for temporary stockpiling and additional characterization prior to disposal.

Some material may require additional characterization prior to disposal. Provide for the temporary stockpiling of up to 250 cubic yards of contaminated soil on-site that require additional characterization. Construct and maintain a temporary stockpile of the material according to NR 718.05(3), including, but not limited to, placement of the contaminated soil/fill material on an impervious surface and covering the stockpile with impervious material to prevent infiltration of precipitation. The department's environmental consultant will collect representative samples of the stockpiled material, laboratory-analyze the samples, and advise the contractor, within 10 business days of the construction of the stockpile, of disposal requirements. The stockpiled material shall be disposed either at the WDNR-licensed disposal facility by the contractor or, if characterized as hazardous waste, by the department. As an alternative to temporarily stockpiling contaminated soil/fill material that requires additional characterization, the contractor has the option of suspending excavation in those areas where such soil is encountered until such time as characterization is completed

Directly load and haul soils designated by the environmental consultant for offsite bioremediation to the DNR approved bioremediation facility. Verify that vehicles used to transport contaminated material are licensed for such activity according to applicable state and federal regulations. Use

loading and hauling practices that are appropriate to prevent any spills or releases of petroleumcontaminated soils or residues. Prior to transport, sufficiently dewater soils designated for off-site bioremediation so as not to contain free liquids.

When material is encountered outside the above-identified limits of known contamination that appears to have been impacted with petroleum or chemical products, or when other obvious potentially contaminated materials are encountered or material exhibits characteristics of industrial-type wastes, such as fly ash, foundry sand, and cinders, or when underground storage tanks are encountered, suspend excavation in that area and notify the engineer.

Groundwater may be present within the construction limits. Water generated during dewatering operations (if necessary) is expected to be permitted to discharge to the surface except in the contaminated areas.

Contaminated groundwater generated from dewatering activities within the contaminated areas may exceed the surface water discharge limits for PVOCs specified in the DNR's "General Permit to Discharge under the Wisconsin Pollutant Discharge Elimination System" for "Contaminated Groundwater from Remedial Action Operations" (WPDES Permit No. WI-0046566-5), Table 3.1.

The Village of Eden has granted permission to discharge contaminated water generated during dewatering into the sanitary sewer for disposal/treatment at the Village of Eden Wastewater Treatment Facility provided the following conditions are met:

- Notify Ed Costello, Village of Eden Wastewater Treatment Manager at (920) 477-4051, prior to discharge of contaminated groundwater to the sanitary sewer. Do not discharge into the sanitary sewer without prior approval from the Village of Eden Wastewater Treatment Facility. Discharge location(s) shall be discussed and approved by the Village of Eden Wastewater Treatment Facility. The Village of Eden Wastewater Treatment Facility manger or agent thereof can order a stop to discharges if the discharge is causing treatment problems at the wastewater treatment plant or in the collection system.
- Any discharge shall meet all conditions of the most current Village of Eden Wastewater Treatment Facility Sewer Requirements.
- Do not discharge grit (such as sand, sediment, detritus, etc.) to the sanitary sewer during dewatering operations. Furnish, install, and maintain a sediment control device (e.g. box, bag) for use prior to discharging water.
- Do not discharge any petroleum free product to the sanitary sewer under any circumstances.
- Document compliance with the Village of Eden Wastewater Treatment Facility discharge requirements, including water quality sampling and analysis.
- All water may be trucked to the wastewater treatment plant in lieu of discharge to the sanitary sewer at the contractor's option and at the contractor's cost.

The Village of Eden Wastewater Treatment Facility may impose a sanitary sewer use fee and flow restrictions.

Notify the environmental consultant prior to pumping contaminated groundwater.

Discharging contaminated groundwater to any location other than that approved and provided by the environmental consultant, is at the contractor's cost. If the contractor chooses alternate discharge, at the contractor's cost, obtain DNR concurrence on any dewatering plans, and provide and operate any and all treatment and discharge equipment required.

Employ construction methods and techniques in a manner that will minimize the need for dewatering, and if dewatering is required, minimize the volume of water generated. Take measures to limit groundwater, surface water, and precipitation from entering and exiting excavations in the areas of contamination. Such measures, which may include berming, ditching, or other means, shall be maintained until construction of utilities in the areas of contamination are complete.

Ensure continuous dewatering and excavation safety at all times. Provide, operate, and maintain adequate pumping equipment and drainage and disposal facilities. Notify the engineer of any dewatering activities, and obtain any permits necessary to discharge water. Provide copies of such permits to the engineer. Meet any requirements and pay any costs for obtaining and complying with such permit use. Follow all applicable legislative statues, judiciary decisions, and regulations of the State of Wisconsin.

# **D** Measurement

The department will measure Excavation, Hauling, and Disposal of Contaminated Soil in tons of contaminated soil, accepted by the bioremediation facility as documented by weight tickets generated by the bioremediation facility. Load tickets must be delivered to the engineer within 10 business days of the date on which the soil was accepted by the bioremediation facility. The Management of Petroleum Contaminated Groundwater is considered incidental to the other items in the contract.

# E Payment

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0195.02	Excavation, Hauling, and Disposal of Contaminated Soil	TON

Payment is full compensation for excavating, segregating, loading, hauling, and treatment via bioremediation of contaminated soil; obtaining solid waste collection and transportation service operating licenses; assisting in the collection soil samples for field evaluation; and dewatering of soils prior to transport, if necessary.

# Schedule of Items

Attached, dated April 12, 2018, are the revised Schedule of Items Pages 1 – 4 and 10.

# **Plan Sheets**

The following  $8\frac{1}{2} \times 11$ -inch sheets are attached and made part of the plans for this proposal: Revised: 72.

END OF ADDENDUM

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	Proposal Schedule of Items	Page 1 of 10
Proposal ID: 2018050	08019 Project(s): 4080-04-71	
	Federal ID(s): WISC 2018247	
SECTION: 0001	Contract Items	
Alt Set ID:	Alt Mbr ID:	

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	201.0105 Clearing	13.000 STA		
0004	201.0205 Grubbing	13.000 STA		
0006	203.0200 Removing Old Structure (station) 01. 40+71	LS	LUMP SUM	·
0008	204.0100 Removing Pavement	19,130.000 SY		
0010	204.0150 Removing Curb & Gutter	1,071.000 LF		
0012	204.0155 Removing Concrete Sidewalk	3,060.000 SY		<u>.</u>
0014	204.0165 Removing Guardrail	56.000 LF	<u>.</u>	
0016	204.0170 Removing Fence	200.000 LF	. <u></u>	
0018	204.0185 Removing Masonry	6.000 CY	. <u></u>	. <u></u>
0020	204.0210 Removing Manholes	13.000 EACH	<u>_</u>	
0022	204.0220 Removing Inlets	22.000 EACH	<u>_</u>	
0024	204.0245 Removing Storm Sewer (size) 01. 8- INCH	221.000 LF	;	;
0026	204.0245 Removing Storm Sewer (size) 02. 10 INCH	452.000 LF	·	<u> </u>
0028	204.0245 Removing Storm Sewer (size) 03. 12- INCH	1,133.000 LF		
0030	204.0245 Removing Storm Sewer (size) 04. 15- INCH	564.000 LF		



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Proposal ID: 2018050	8019 Project(s): 4080-04-71	
	Federal ID(s): WISC 2018247	
SECTION: 0001	Contract Items	
Alt Set ID:	Alt Mbr ID:	

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	204.0245 Removing Storm Sewer (size) 05. 24- INCH	422.000 LF		;
0034	205.0100 Excavation Common	23,389.000 CY		
0038	206.1000 Excavation for Structures Bridges (structure) 01. C-20-158	LS	LUMP SUM	
0040	209.2100 Backfill Granular Grade 2	440.000 CY		
0042	210.2500 Backfill Structure Type B	370.000 TON		
0044	213.0100 Finishing Roadway (project) 01. 4080- 04-71	1.000 EACH	·	·
0046	305.0110 Base Aggregate Dense 3/4-Inch	175.000 TON		
0048	305.0120 Base Aggregate Dense 1 1/4-Inch	12,600.000 TON		
0050	310.0115 Base Aggregate Open-Graded	55.000 CY	<u>.</u>	
0052	311.0110 Breaker Run	22,080.000 TON		
0054	312.0110 Select Crushed Material	850.000 TON	. <u></u>	
0056	415.0080 Concrete Pavement 8-Inch	15,960.000 SY	. <u></u>	<u>_</u>
0058	415.0210 Concrete Pavement Gaps	5.000 EACH	. <u></u>	. <u></u>
0060	415.1080 Concrete Pavement HES 8-Inch	435.000 SY		
0062	415.4100 Concrete Pavement Joint Filling	16,395.000 SY	. <u></u>	
0064	415.5110.S Concrete Pavement Joint Layout	1.000 LS	·	



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Proposal ID: 20180508	019 Project(s): 4080-04-71	
	Federal ID(s): WISC 2018247	
SECTION: 0001	Contract Items	
Alt Set ID:	Alt Mbr ID:	

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0066	416.0160 Concrete Driveway 6-Inch	996.000 SY		
0068	416.0170 Concrete Driveway 7-Inch	208.000 SY		
0070	416.0270 Concrete Driveway HES 7-Inch	269.000 SY		
0072	440.4410 Incentive IRI Ride	4,560.000 DOL	1.00000	4,560.00
0074	450.4000 HMA Cold Weather Paving	196.000 TON		
0076	455.0605 Tack Coat	251.000 GAL		
0078	460.2000 Incentive Density HMA Pavement	650.000 DOL	1.00000	650.00
0080	460.5223 HMA Pavement 3 LT 58-28 S	606.000 TON		
0082	460.5224 HMA Pavement 4 LT 58-28 S	403.000 TON		<u>.</u>
0084	465.0105 Asphaltic Surface	9.000 TON		
0086	465.0120 Asphaltic Surface Driveways and Field Entrances	290.000 TON		·
0088	465.0125 Asphaltic Surface Temporary	50.000 TON		
0090	465.0310 Asphaltic Curb	45.000 LF		
0092	465.0315 Asphaltic Flumes	20.000 SY		
0094	504.0100 Concrete Masonry Culverts	82.000 CY		
0096	505.0400 Bar Steel Reinforcement HS Structures	6,570.000 LB		·



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Proposal ID: 2018050	08019 Project(s): 4080-04-71	
	Federal ID(s): WISC 2018247	
SECTION: 0001	Contract Items	
Alt Set ID:	Alt Mbr ID:	

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0098	505.0600 Bar Steel Reinforcement HS Coated Structures	2,880.000 LB		;
0100	513.8011 Railing Steel Pedestrian Type C2 (structure) 01. C-20-158	57.000 LF	. <u></u> .	<u> </u>
0102	516.0500 Rubberized Membrane Waterproofing	16.000 SY		
0104	520.8000 Concrete Collars for Pipe	8.000 EACH		<u>.</u>
0106	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	1.000 EACH	·	;
0108	601.0409 Concrete Curb & Gutter 30-Inch Type A	6,368.000 LF	. <u></u>	
0110	601.0411 Concrete Curb & Gutter 30-Inch Type D	561.000 LF	. <u></u>	
0112	601.0557 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	470.000 LF	·	·
0114	602.0405 Concrete Sidewalk 4-Inch	35,085.000 SF		
0116	602.0515 Curb Ramp Detectable Warning Field Natural Patina	310.000 SF		<u> </u>
0118	602.0615 Curb Ramp Detectable Warning Field Radial Natural Patina	144.000 SF		·
0120	606.0200 Riprap Medium	15.000 CY		
0122	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	738.000 LF	·	·
0124	608.0415 Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	516.000 LF		



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Proposal ID: 2018050	8019 Project(s): 4080-04-71	
	Federal ID(s): WISC 2018247	
SECTION: 0001	Contract Items	
Alt Set ID:	Alt Mbr ID:	

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0288	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,000.000 HRS	5.00000	10,000.00
0290	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	1,320.000 HRS	5.00000	6,600.00
0292	SPV.0060 Special 01. Adjusting Sanitary Manhole	14.000 EACH		
0294	SPV.0090 Special 01. Smooth Steel Casing Pipe 42-Inch	96.000 LF		
0296	SPV.0090 Special 02. Concrete Curb & Gutter 30- Inch Type A, HES	145.000 LF		
0298	SPV.0090 Special 03. Pipe Underdrain Railroad 6- Inch	344.000 LF		
0300	SPV.0105 Special 01. Temporary Water Diversion	LS	LUMP SUM	. <u></u>
0302	SPV.0120 Special 01. Water for Seeded Areas	17.000 MGAL	i	. <u></u>
0304	SPV.0165 Special 01. Salvaged Stone Wall	48.000 SF	i	. <u></u>
0306	SPV.0195 Special 01. Backfill Railroad Special	520.000 TON	ii	
0308	SPV.0195 Special 02. Excavation, Hauling, and Disposal of Contaminated Soil	3,000.000 TON		
	Section: 000	1	Total:	·
			Total Bid:	·