

## PRE-BID NOTICE

A **MANDATORY** PRE-BID CONFERENCE

WILL BE HELD AT

**2:00 PM, September 21, 2017**

IN  
ROOM 16, CITY HALL BUILDING  
WINSTON-SALEM, NC 27101



The purpose of this conference is to explain the City of Winston-Salem's Minority and Women Business Enterprise Program and discuss the scope of work as it relates to:

### **OLD SALEM INFRASTRUCTURE IMPROVEMENTS**

Representatives from Stantec and the City of Winston-Salem will be available to answer any technical questions concerning this work.

**Prime bidders and interested subcontractors are strongly encouraged to attend this conference to understand the project and bidding requirements. Bids will not be considered from prime bidders who did not attend this meeting.**

Bids for this project are due at the time and location listed in the Advertisement.

Darren Redfield  
City/County Purchasing

## ADVERTISEMENT FOR BIDS

# OLD SALEM INFRASTRUCTURE IMPROVEMENTS

### CITY OF WINSTON-SALEM

Pursuant to N.C.G.S. 143-128 and 143-129, sealed bid proposals endorsed “**Old Salem Infrastructure Improvements – FB1858**” will be received by City/County Purchasing, Room 16 City Hall, 101 N. Main Street, Winston-Salem, NC until **2:00 PM, October 12, 2017**, when all bids will be publicly opened and read aloud. The City reserves the right to waive any informalities and to reject any or all proposals. Prime bidders must be properly licensed as required by Chapter 87 of the N.C. General Statutes at the time of bid opening.

Instructions for submitting bids may be obtained by contacting Darren Redfield at [darrenmr@cityofws.org](mailto:darrenmr@cityofws.org) (preferred) or 336-747-6936 or in person at the City/County Purchasing Department, 324 City Hall, 101 North Main Street, Winston-Salem, NC 27101.

**Electronic copies of the Plans and Specifications** will be available at <http://www.cityofws.org/engineeringbids> on or after **September 6, 2017**. Obtaining the bidding documents from any source other than the City of Winston-Salem is at the risk of the bidder. Additionally, interested bidders are responsible for maintaining contact with the City to receive any addenda, corrections, or other revisions to the bidding documents as may be issued.

The Plans and Specifications will be on file at the following locations:

- 1) City/County Purchasing, City Hall Room 324, 101 North Main Street, Winston-Salem, NC.
- 2) Department of Transportation, Bryce A. Stuart Building Room 307, Winston-Salem, NC.
- 3) Sharpe Images, 230 Charlois Blvd, Winston-Salem NC, 336-778-7430.

Project Description: The scope of work involves three parts: 1) brick sidewalk and lighting improvements, tree trimming and planting, 2) stormwater improvements, and 3) utility work and street paving. See attached Itemized Bid Quantities, which may not be final.

Technical questions concerning the project scope should be submitted in writing to: Darren Redfield at [darrenmr@cityofws.org](mailto:darrenmr@cityofws.org) or 336-727-2443 to receive a proper response. **End of Question and substitution period is: 2:00 PM, October 2.**

A mandatory pre-bid meeting will be held as advertised above. The M/WBE goals will be announced at the pre-bid meeting.

Darren Redfield  
City/County Purchasing Department  
336-747-6936

## Itemized Proposal Form

<b>Section One: Streetlight, Tree and Sidewalk Improvements, Phase 1</b>						
Item No.	Sec	Item Description	Unit	Est. Qty.	Unit or Lump Sum Price	Total Cost
1	SUPPS	Mobilization, Bonds and Insurance, 5%	LS	1		
2	02050	Pre-construction Video	LF	9,686		
3	02060	Removal of Existing Sidewalks (to be Replaced with Mulch)	SF	864		
4	02110	Select Tree Removal	EA	33		
5	02110	Select Stump Removal	EA	2		
6	02220	Topsoil	CY	59		
7	02220	No. 57 Washed Stone, for Tree Pits	CY	5,456		
8	02225	Granular Backfill	CY	1,641		
9	02229	Structural Soil	CY	1,695		
10	02229	Geotextile Fabric, Woven, for Tree Pits	SF	31,073		
11	02229	3-Inch Diameter Perforated PVC Tree Pit Drain Piping	LF	9,686		
12	02229	2-Inch Diameter Perforated PVC Aeration Pipe, Fitting with Cast Iron Vent Cap	EA	56		
13	02229	3-Inch PVC Drain & Fittings from Tree Pits to Storm Sewer Connection	LF	4,000		
14	02271	Temporary Construction Entrance	EA	1		
15	02271	Temporary Inlet Protection	EA	24		
16	02350	Tree Root Pruning	EA	3		
17	02518	New Brick Sidewalk (Bank Street)	SF	760		
18	02518	New Granite Curbing (Bank Street)	LF	209		

## Itemized Proposal Form

<b>Section One: Streetlight, Tree and Sidewalk Improvements, Phase 1</b>						
Item No.	Sec	Item Description	Unit	Est. Qty.	Unit or Lump Sum Price	Total Cost
19	02518	New Granite Steep Slope Headers (Bank Street)	LF	15		
20	02518	Replace Sidewalk, Salvaged Clay Pavers	SF	25,000		
21	02518	Replace Sidewalk, New Clay Standard Pavers	SF	10,000		
22	02518	Replace Sidewalk, New Clay Dutch Pavers	SF	1,000		
23	02518	Replace Sidewalk, New Clay Truncated Dome Pavers	SF	160		
24	02518	Replace Sidewalk, Salvaged Natural Fieldstone	SF	1,000		
25	02518	Replace Sidewalk, New Natural Fieldstone	SF	1,000		
26	02518	Replace Driveway Apron, New Clay Pavers	SF	700		
27	02518	Replace Driveway Apron, Salvaged Natural Fieldstone	SF	200		
28	02518	Replace Driveway Apron, Salvaged Granite Setts	SF	150		
29	02518	Replace Driveway Apron, New Granite Setts	SF	1,000		
30	02518	Reinstate Sidewalk, Brick (Point Repair)	SF	800		
31	02518	Reinstate Sidewalk, Natural Fieldstone (Point Repair)	SF	200		
32	02518	4-Inch Thick Compacted Aggregate Base and Subbase for Sidewalk Replacements	CY	544		
33	02518	Steel Edge Restraint	LF	7,084		
34	02518	Geotextile Fabric, Woven	SF	34,787		
35	02518	Replace Curb, Salvaged Granite	LF	1,000		
36	02518	Replace Curb, New Granite, 16-Inch	LF	200		

## Itemized Proposal Form

<b>Section One: Streetlight, Tree and Sidewalk Improvements, Phase 1</b>						
Item No.	Sec	Item Description	Unit	Est. Qty.	Unit or Lump Sum Price	Total Cost
37	02518	Replace Curb, New Granite, 22-Inch	LF	500		
38	02518	Concrete Setting Bed for Granite Curbing	CY	300		
39	02518	6-Inch Thick Concrete Base for Fieldstone Driveway Aprons	SF	200		
40	02518	8-Inch Thick Concrete Base for Granite Sett Driveway Aprons	SF	1,000		
41	02519	Replace Sidewalk, Resin-Bonded Stone Sidewalk	SF	4,700		
42	02576	Asphalt Concrete Base Course, NCDOT Type B-25.0B	TN	3,000		
43	02930	Permanent Seeding and Mulch	SY	1,000		
44	02940	Tree Planting, 2-Inch Sugar Maple	EA	22		
45	02940	Tree Planting, 2-Inch Swamp White Oak	EA	8		
46	02940	Tree Planting, 2-Inch Sourwood	EA	4		
47	02940	Tree Planting, 2-Inch Black Gum	EA	14		
48	02940	Tree Planting, 2-Inch American (Princeton) Elm	EA	1		
49	02940	Tree Planting, 2-Inch Red Oak	EA	1		
50	02940	Tree Planting, 2-Inch Sugar Hackberry	EA	6		
51	02940	Hardwood Mulch	CY	65		
52	16000	Existing Streetlight Demolition, Removal, Salvage, and Duke Energy Coordination	EA	16		
53	16000	Duke Energy Reconnect Fee	EA	6		

## Itemized Proposal Form

<b>Section One: Streetlight, Tree and Sidewalk Improvements, Phase 1</b>						
<b>Item No.</b>	<b>Sec</b>	<b>Item Description</b>	<b>Unit</b>	<b>Est. Qty.</b>	<b>Unit or Lump Sum Price</b>	<b>Total Cost</b>
54	16000	Trenching Conduit in the Street	FT	4,654		
55	16000	Trenching, Conduit in the Sidewalk	FT	428		
56	16000	Trenching, Conduit in Grassy Area	FT	210		
57	16000	Power Panel, LP1, Lighting Controls, Fencing	EA	1		
58	16000	Power Panel, LP2, Lighting Controls, Fencing	EA	1		
59	16000	Handhole, Sidewalk	EA	2		
60	16000	Electrical Manhole, Street	EA	15		
61	16000	Direct Purchase of 41 New Streetlight Luminaires	EA	1	100,000.00	\$100,000.00
62	16000	Direct Purchase of 41 New Streetlight Lampposts	LS	1	200,000.00	\$200,000.00
63	16000	Installation of Streetlight Base, Lamppost, and Luminaire	EA	41		
64	16000	Installation of Streetlight Base, Stub-out	EA	1		
65	16000	Ductbank Conduit, 1-1"	LF	1,647		
66	16000	Ductbank Conduit, 2-1"	LF	149		
67	16000	Ductbank Conduit, 2-2"	LF	1,815		
68	16000	Ductbank Conduit, 2-2", 1-1"	LF	1,509		
69	16000	Ductbank Conduit, 2-2", 2-1"	LF	172		
70	16000	Cable, #12	LF	110		
71	16000	Cable, #10	LF	27		
72	16000	Cable, #8	LF	90		
73	16000	Cable, #6	LF	27		

# Itemized Proposal Form

**Section One: Streetlight, Tree and Sidewalk Improvements, Phase 1:**

Total Bid Amount, in numbers: \$ \_\_\_\_\_

Total Amount of Bid, in words: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Itemized Proposal Form

<b>Section Two: Stormwater Improvements</b>						
Item No.	Sec	Item Description	Unit	Est. Qty.	Unit or Lump Sum Price	Total Cost
74	SUPPS	Mobilization, Bonds and Insurance, 5%	LS	1		
75	PSP	Temporary Traffic Control	LS	1		
76	01039	Construction Staking	LS	1		
77	02110	Select Tree Removal	EA	3		
78	02200	Topsoil	CY	400		
79	02200	Select Earth Backfill	CY	100		
80	02225	Granular Backfill	CY	17,000		
81	02225	Remove Existing Stormwater Structures	EA	19		
82	02225	Storm Pipe Abandonment, CDF Fill	CY	200		
83	02225	Cut and Plug Existing Pipe to Be Abandoned	EA	64		
84	02225	Stabilization Stone	CY	100		
85	02230	Rock Excavation	CY	500	\$125.00	\$62,500
86	02271	Temporary Block and Gravel Inlet Protection	EA	70		
87	02271	Rip Rap, Class 1	TN	50		
88	02271	Temporary Silt Fence	LF	160		
89	02271	Temporary Stone Outlet (Silt Fence)	EA	2		
90	02271	Erosion Control Matting (Type I)	SY	200		
91	02271	Erosion Control Matting (Type II)	SY	500		
92	02271	Temporary Stormwater Bypass Pumping - Piped System	LS	1		
93	02271	Temporary Sanitary Sewer Bypass Pumping	LS	1		



## Itemized Proposal Form

<b>Section Two: Stormwater Improvements</b>						
Item No.	Sec	Item Description	Unit	Est. Qty.	Unit or Lump Sum Price	Total Cost
94	02360	48 Inch Steel Pipe, ½-Inch Thick, Installed by Dry Bore and Jack	LF	65		
95	02488	Permanent Sheeting	SF	1,000		
96	02518	Replace Sidewalk, Salvaged Clay Pavers	SF	4,000		
97	02518	Replace Sidewalk, New Clay Standard Pavers	SF	1,000		
98	02518	Replace Driveway Apron, New Clay Pavers	SF	200		
99	02518	4-Inch Thick Compacted Aggregate Base and Subbase for Sidewalk Replacements	CY	54		
100	02518	Geotextile Fabric, Woven, for Brick Sidewalks	SF	5,000		
101	02518	Replace Curb, Salvaged Granite	LF	2,000		
102	02518	Concrete Setting Bed for Granite Curbing	CY	300		
103	02576	Asphalt Concrete Base Course, NCDOT Type B-25.0B	TN	5,500		
104	02576	Concrete Curb and Gutter (Old Salem Road Only)	LF	30		
105	02607	4 Foot Diameter Sanitary Manhole	EA	3		
106	02607	4 Foot Diameter Storm Manhole	EA	13		
107	02607	5 Foot Diameter Storm Junction Box	EA	12		
108	02607	6 Foot Diameter Storm Junction Box	EA	12		
109	02607	Manhole Frame and Cover, Type 1	EA	40		
110	02607	Catch Basin (12-Inch Pipe Out)	EA	3		
111	02607	Catch Basin (15-Inch Pipe Out)	EA	41		

## Itemized Proposal Form

<b>Section Two: Stormwater Improvements</b>						
Item No.	Sec	Item Description	Unit	Est. Qty.	Unit or Lump Sum Price	Total Cost
112	02607	Catch Basin (18-Inch Pipe Out)	EA	9		
113	02607	Catch Basin (24-Inch Pipe Out)	EA	7		
114	02607	Catch Basin (42-Inch Pipe Out)	EA	1		
115	02607	Catch Basin (48-Inch Pipe Out)	EA	1		
116	02607	Catch Basin Frame and Grate	EA	62		
117	02607	Drop Inlet	EA	1		
118	02607	Drop Inlet Frame and Grate	EA	1		
119	02732	12-Inch RCP Storm Sewer	LF	40		
120	02732	12-Inch DIP Storm Sewer	LF	108		
121	02732	15-Inch DIP Storm Sewer	LF	29		
122	02732	15-Inch RCP Storm Sewer	LF	2,284		
123	02732	18-Inch RCP Storm Sewer	LF	832		
124	02732	24-Inch RCP Storm Sewer	LF	523		
125	02732	30-Inch RCP Storm Sewer	LF	1,306		
126	02732	36-Inch RCP Storm Sewer	LF	980		
127	02732	42-Inch RCP Storm Sewer	LF	96		
128	02732	8-Inch Ductile Iron Gravity Sanitary Sewer Replacement	LF	407		
129	02732	18-Inch Ductile Iron Gravity Sanitary Sewer Replacement	LF	20		
130	02732	6-Inch Cast Iron Sanitary Sewer Service Connection	LF	40		
131	02732	4-Inch Cast Iron Sanitary Sewer Service Connection	LF	200		
132	02732	Concrete Pipe Cradle	CY	50		

## Itemized Proposal Form

<b>Section Two: Stormwater Improvements</b>						
Item No.	Sec	Item Description	Unit	Est. Qty.	Unit or Lump Sum Price	Total Cost
133	02751	6-Inch RJ Ductile Iron Water Main Relocation	LF	440		
134	02751	6-Inch RJ Ductile Iron Coupling	LF	16		
135	02751	6-Inch RJ Ductile Iron Bend, 45 Degree	LF	64		
136	02751	6-Inch Gate Valve and Valve Box	EA	1		
137	02751	¾-Inch Copper Water Service Replacement	LF	400		
138	02751	1-Inch Copper Water Service Replacement	LF	100		
139	02751	Corp Stop Water Service Connection	EA	6		
140	02751	Concrete Thrust Blocks	CY	100		
141	02930	Seeding & Mulching	SY	1,000		
142	02940	Tree Planting, 2-Inch White Dogwood at Walnut Street	EA	2		
143	03301	Cast-In Place Concrete L-Endwall	LS	1		

**Section Two – Stormwater Improvements:**

Total Bid Amount, in numbers: \$ \_\_\_\_\_

Total Amount of Bid, in words: \_\_\_\_\_

\_\_\_\_\_

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## Itemized Proposal Form

Section Three: Water and Sewer Improvements						
Item No.	Sec	Item Description	Unit	Est. Qty.	Unit or Lump Sum Price	Total Cost
144	SUPPS	Mobilization, Bonds and Insurance, 5%	LS	1		
145	PSP	Temporary Traffic Control	LS	1		
146	01039	Construction Staking	LS	1		
147	02200	Select Earth Backfill	CY	500		
148	02225	Granular Backfill	CY	4,000		
149	02225	Cut and Plug Existing Water Line to be Abandoned	EA	20		
150	02225	Water Valve Abandonment	EA	22		
151	02225	Stabilization Stone	CY	1,500		
152	02230	Rock Excavation	CY	200	125.00	\$25,000.00
153	02271	Temporary Block and Gravel Inlet Protection	EA	20		
154	02271	Temporary Sanitary Sewer Bypass Pumping	LS	1		
155	02271	Replace Sidewalk, Salvaged Clay Pavers	SF	2,700		
156	02271	4-Inch Thick Compacted Aggregate Base and Subbase for Sidewalk Replacements	CY	40		
157	02518	Geotextile Fabric, Woven, for Brick Sidewalks	SF	2,700		
158	02518	Replace Curb, Salvaged Granite	LF	900		
159	02518	Concrete Setting Bed for Granite Curbing	CY	150		
160	02576	Asphalt Concrete Base Course, NCDOT Type B-25.0B	TN	5,500		
161	02607	4 Foot Diameter Sanitary Manhole	EA	20		

## Itemized Proposal Form

Section Three: Water and Sewer Improvements						
Item No.	Sec	Item Description	Unit	Est. Qty.	Unit or Lump Sum Price	Total Cost
162	02607	Manhole Frame and Cover, Type 1	EA	20		
163	02732	8-Inch Ductile Iron Gravity Sanitary Sewer Replacement	LF	2,977		
164	02732	6-Inch Cast Iron Sanitary Sewer Service Connection	LF	150		
165	02732	4-Inch Cast Iron Sanitary Sewer Service Connection	LF	600		
166	02732	6-Inch Cast Iron Cleanout	EA	4		
167	02732	4-Inch Cast Iron Cleanout	EA	40		
168	02732	Concrete Pipe Cradle	CY	50		
169	02751	6-Inch RJ Ductile Iron Water Main Relocation	LF	4,103		
170	02751	16-Inch x 6-Inch Ductile Iron Reducer	EA	2		
171	02751	6-Inch RJ Ductile Iron Bend, 90 Degree	EA	5		
172	02751	6-Inch RJ Ductile Iron Bend, 45 Degree	EA	34		
173	02751	6-Inch RJ Ductile Iron Bend, 22.5 Degree	EA	7		
174	02751	6-Inch x 6-Inch RJ DI Cross	EA	2		
175	02751	6-Inch x 6-Inch RJ DI Tee	EA	17		
176	02751	6-Inch x 4-Inch RJ DI Tee	EA	5		
177	02751	6-Inch x 2-Inch RJ DI Tee	EA	1		
178	02751	6-Inch RJ DI Plug	EA	14		
179	02751	4-Inch RJ DI Plug	EA	5		

## Itemized Proposal Form

Section Three: Water and Sewer Improvements						
Item No.	Sec	Item Description	Unit	Est. Qty.	Unit or Lump Sum Price	Total Cost
180	02751	4-inch RJ Ductile Iron Bend, 90-Degree	EA	5		
181	02751	2-inch RJ Ductile Iron Bend, 90-Degree	EA	1		
182	02751	16-Inch x 6-Inch Tapping Sleeve, Gate Valve and Valve Box	EA	1		
183	02751	6-Inch Gate Valve and Valve Box	EA	21		
184	02751	Replace Fire Hydrant Assembly	EA	8		
185	02751	¾-Inch Copper Water Service Replacement	LF	2,000		
186	02751	1-Inch Copper Water Service Replacement	LF	200		
187	02751	Corp Stop Water Service Connection	EA	70		
188	02751	Replace Water Meters	EA	70		
189	02751	Concrete Thrust Blocks	CY	500		

**Section Three – Water and Sewer Improvements:**

Total Bid Amount, in numbers: \$ \_\_\_\_\_

Total Amount of Bid, in words: \_\_\_\_\_

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