

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2014	2015	2016	2017	2018
Capital Expenditures	<u>\$2,812,455.</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
External Revenues	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Program Income (County)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
In-Kind Match County	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
NET FISCAL IMPACT	<u>\$2,812,455.</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
 # ADDITIONAL FTE POSITIONS (Cumulative)	 <u>0</u>	 <u>0</u>	 <u>0</u>	 <u>0</u>	 <u>0</u>

Budget Account No.:

Fund 4011 Agency 721 Org. W019 Object 6547

Is Item Included in Current Budget? Yes No

Reporting Category N/A

B. Recommended Sources of Funds/Summary of Fiscal Impact:

One (1) time expenditure from user fees, connection fees, and balance brought forward.

C. Department Fiscal Review: Debra moest

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Development and Control Comments:

[Signature]
OFMB 5/10
1/24 1/14

[Signature]
Contracts 1/31/14

B. Approved as to form and legal sufficiency:

[Signature] 1/31/14
Assistant County Attorney

C. Other Department Review:

Department Director

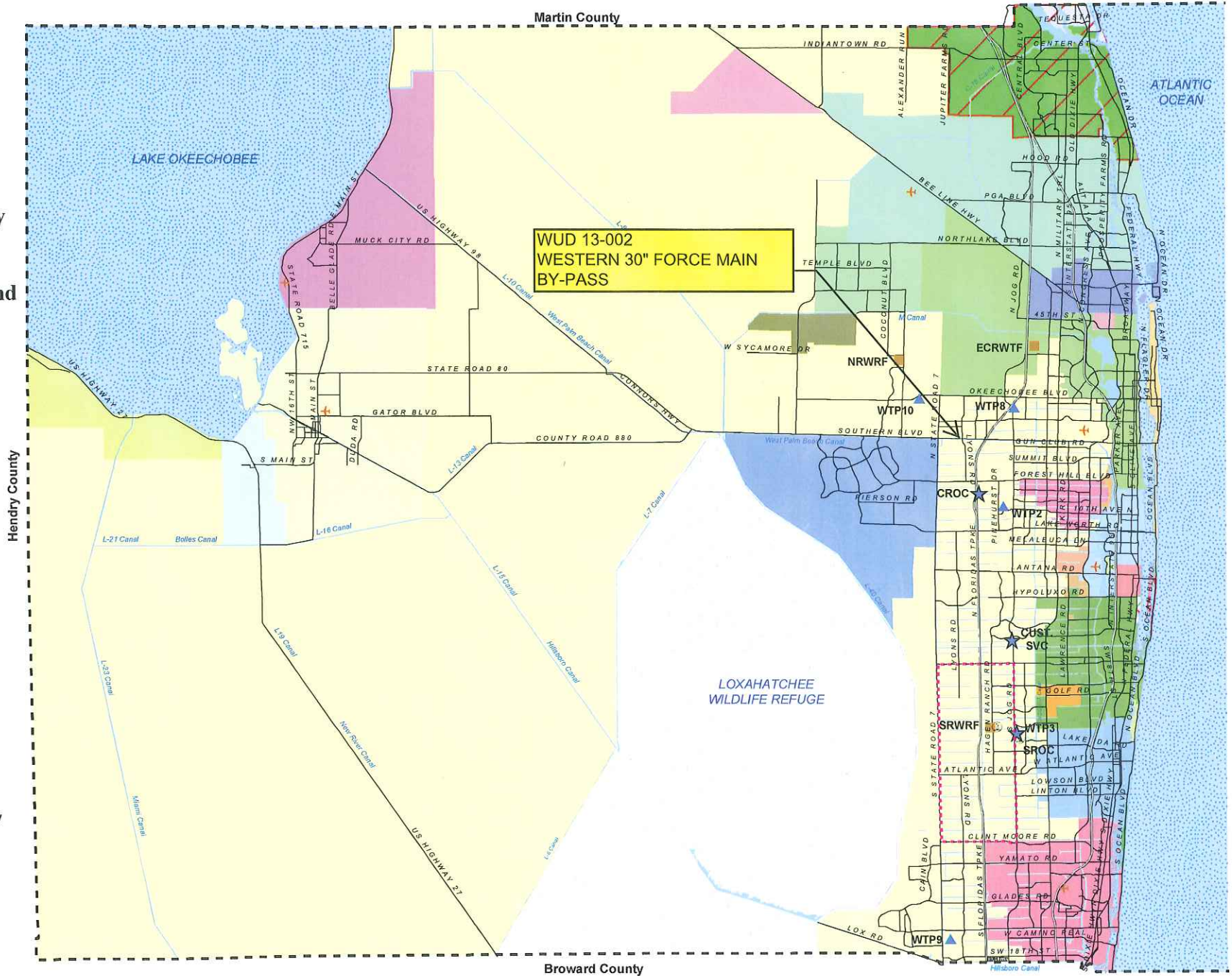


**Palm Beach County
Water Utilities
Department
Service Area (SA) and
Major Facilities**

Attachment 2

Legend

- P.B.C.W.U.D. SA
- Mandatory Reclaimed SA
- Palm Beach County Limits
- Administration
- Water Reclamation Facility
- Water Treatment Facility
- Wetlands



Inter-Office Memorandum

Palm Beach County



Water Utilities Department

12-05-13A 10:55 9ARNV

TO: Bevin Beaudet, P.E., Director
Water Utilities Department

DATE: December 6, 2013

FROM: Maurice Tobon, P.E., Director of Engineering *mt*
Water Utilities Department

RE: Notice of Award Recommendation
Western Force Main By-Pass
Project No: WUD 13-002

The bid opening for the above referenced project was held on Wednesday, October 30, 2013. Proposals were received from eleven (11) contractors. A summary of the results of the bidder's total base bid price is as follows:

BIDDER'S NAME	BASE BID
-----	-----
AKA Services, Inc.	\$2,695,827.40
Johnson-Davis, Inc.	\$2,885,968.00
B & B Underground Contractors, Inc.	\$2,902,420.70
Centerlines Utilities, Inc.	\$2,942,317.85
Ocean Bay Construction, Inc.	\$3,012,854.48
Ric-Man International, Inc.	\$3,304,275.95
Intercounty engineering, Inc.	\$3,338,638.76
Man-Con Inc.	\$3,343,187.32
D.S. Eakins Construction, Inc.	\$3,530,100.00
Giannetti Contracting Corporation	\$3,607,467.90
Lanzo Construction Company	\$3,853,376.50

The engineer's recommendation is to award to AKA Services, Inc. as the lowest responsive bidder.

The engineer's opinion of probable construction cost was \$2,500,000. An evaluation of the lowest responsive bid is as follows:

1. The Bid Form provided in the Contract Documents was properly executed.
2. Bid security equal to 5% of the total base bid was enclosed on the form provided in the Contract Documents.
3. The contractor holds a valid general contractor's and occupational license. AKA Services, Inc. has Local Preference.
4. The lowest responsive bidder acknowledged the six (6) addendums.
5. SBE-MWBE Schedules #1 and #2 provided in the Contract Documents were properly filled out. The lowest responsive bidder did not meet the 15% SBE goal. The second low bidder, Johnson Davis, Inc. has met the SBE goal for this project, but is outside the range for ranking of responsive bidders consideration. (A copy of the Office of Small Business Assistance SBE-MWBE Compliance Review is attached).
6. The County Attorney has reviewed the Bid and Bid Review Comments for AKA Services, Inc. and determined that the bid is responsive. (See attached Bid Review Comments).

Water Utilities staff when evaluating the bid carefully considered the overall experience, qualifications, resources and references of the bidders. Contract award to the lowest responsive bidder AKA Services, Inc. in the amount of \$2,695,827.40 is recommended.

A copy of this notice has been posted at the bid opening location and will be left there for a minimum of five (5) business days.

- c. Brian Shields, P.E., Deputy Director
Maurice Tobon, P.E. Director of Engineering
Henry Melendez, P.E., Pipeline Design Manager
Craig C. Williams, Assistant Director Finance & Administration



**Office of
Small Business Assistance**

50 South Military Trail,
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**Palm Beach County
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Paulette Burdick, Vice Mayor

Hal R. Valeche

Shelley Vana

Steven L. Abrams

Mary Lou Berger

Jess R. Santamaria

County Administrator

Robert Weisman, P.E.

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Affirmative Action Employer"

Corrected

DATE: December 5, 2013

TO: Victor M. Gutierrez, P.E.
Pipeline Design Section
WUD Engineering Division

THROUGH: Allen Gray, Manager
Office of Small Business Assistance *A. Gray*

FROM: *PNW* Patricia Wilhelm, Small Business Development
Specialist II

SUBJECT: Compliance Review on Project No. WUD 13-002
Western Force Main Bypass & Water System
Improvements

The following is Compliance Review of SBE participation on
the above-mentioned project.

Low Bidder: AKA Services, Inc.
15551 Okeechobee Blvd.
Loxahatchee, FL 33470
Phone: 561-791-7561
Bid Opening: October 30, 2013
Bid Amount: \$2,695,827.40
Goal: 15% Overall
Goal Achieved: 13.83%

SBE Participation:

¹ (WB) Bird's Eye	\$ 6,554.78	.24%
² (SB) Agricultural Land	\$ 57,904.59	2.14%
(SB) Palmwood Corp.	\$ 72,500.00	2.68%
(SB) Dennis Leavy	\$ 35,420.00	1.31%
³ (SB) Wm. Adiemy Jr.	\$ 51,986.25	1.92%
(SB) Wakefield Rd Boring	\$ 149,460.00	5.54%
	\$ 373,825.62	13.83%



Page 2.

2nd Low Bidder: Johnson Davis, Inc.
604 Hillbrath Dr.
Lantana, FL 33462
Phone: 561-588-1170
Bid Amount: \$2,885,986.00
Goal: 15% Overall
Goal Achieved: 15.20%

SBE Participation:

(BL)Odums Sod	\$ 23,643.09	.819%
(SB)Caulfield & Wheeler	\$ 17,725.00	.614%
(SB)Wakefield Rd. Boring	\$ 146,460.00	5.07%
(SB)Pipecon Corp.	\$ 58,532.00	2.03%
(BL)All Phase	\$ 33,535.50	1.16%
⁴ (SB)Utility Supply	<u>\$ 159,000.00</u>	<u>5.51%</u>
	<u>\$ 438,895.59</u>	<u>15.20%</u>

3rd Low Bidder: B & B Underground
585 105th Ave. N. #16
Royal Palm Beach, Fl. 33411
Phone: 561-204-9335
Bid Amount: \$2,902,720.70
Goal: 15% Overall
Goal Achieved: 4.6%

SBE Participation:

⁵ (SB)Southwide	\$ 7,963.14	.274%
(SB)Palmwood	\$ 28,500.00	.982%
(SB)Dennis Leavy	\$ 35,420.00	1.22%
⁶ (WB)Bird's Eye	\$ 4,683.35	.161%
⁷ (SB)Ag Land Services	\$ 57,904.59	1.99%
⁸ (SB)Pipecon	\$ 0.00	0.000%
	<u>\$ 134,471.08</u>	<u>4.60%</u>



Pg. 3

EVALUATION:

The Low Bidder, AKA Services, Inc. did not meet the SBE goal for this project.

The second low bidder, Johnson Davis, Inc. has met the SBE goal for this project, but is outside the range for ranking of responsive bidders consideration.

The third low bidder, B&B Underground, did not meet the SBE goal for this project.

c: Allen Gray, Manager OSBA
Tammy Fields, Chief Assistant County Attorney

- 1 Total of both line items listed on Schedule2.
- 2 Dollar amount calculated by unit prices.
- 3 Dollar amount calculated by lowest unit prices.
- 4 Utility Supply given 60% credit as a supplier
- 5 SBE credit given for pavement marking only.
- 6 Total of both line items listed on Schedule2.
- 7 Dollar amount calculated by unit prices.
- 8 No schedule 2 submitted for base bid.

WUD 13-002 Western Force Main By-Pass
Engineering Department Bid Review Comments

The lowest three (3) bids received for the Western Force Main By-Pass have been reviewed. The errors, omissions or irregularities found in the three bids have been noted below.

AKA Services, Inc.

None.

Johnson-Davis, Inc.

None.

B&B Underground Contractors, Inc.

1. Scheduled of Bid Prices (Bid Form - 6-8) is incorrect. The Total Base Bid Price have computational errors. The revised Total base Bid is \$2,902,420.70.

**BID TABULATION
18) 13-002 BASE BID**

NO.	BID ITEM (Furnish and Install with Appurtenances)	UNIT	TOTAL QUANTITY
0	Bonds and Insurances	Lump Sum	1
3	4" DIP Push-On Joint Wastewater Force Main (36" to 60" Cover)	L.F.	102
7A	6" PVC Push-On Joint Wastewater Force Main (36" to 60" Cover)	L.F.	75
12	8" DIP Push-On Joint Wastewater Force Main (36" to 60" Cover)	L.F.	245
17	10" DIP Push-On Joint Wastewater Force Main (36" to 60" Cover)	L.F.	74
43	24" DIP Push-On Wastewater Force Main (36" to 60" Cover)	L.F.	15
43A	30" DIP Push-On Wastewater Force Main (36" to 60" Cover)	L.F.	852
43B	30" PVC Push-On Joint Water Main/Wastewater Force Main/Reclaimed Water Main (36" to 60" Cover)	L.F.	10,454
45	Ductile Iron Fittings for Wastewater Force Main	Tons	30.444
45A	24"x24" Cut-in-Tee	Each	1
46A	4" DIP Force Main vertical deflection of Existing 4" Force Main, 30' of restrained joint water main (60" to 72" cover) and 4-45 degree elbows under proposed pipe	Each	1
46B	4" DIP Force Main vertical deflection of Existing 4" Force Main, 30' of restrained joint water main (60" to 72" cover) and 4-45 degree elbows overr proposed pipe	Each	1
49A	Temporary 6" FM offset over proposed 30" PVC FM	Each	1
54	12" DIP Water Main vertical deflection of Existing 12" Water Main, 30' of restrained joint water main (60" to 72" cover) and 4-45 degree elbows under proposed pipe	Each	1
59A	30" DIP FM vertical deflection of Exist 30" FM, 43' of restrained joint FM (60" to 72" cover) and 2-45 & 2-22.5 degree elbows under exist 18" RCP (6" min clear.)	Each	1
59B	30" DIP FM vertical deflection of Exist 30" FM, 21' of restrained joint FM (60" to 72" cover) and 4-11.25 degree elbows under exist 15" RCP (6" min clear.)	Each	1
59C	30" DIP FM vertical deflection of Exist 30" FM, 43' of restrained joint FM (60" to 72" cover) and 4-22.5 degree elbows under exist 16" DIP WM (12" min clear.)	Each	1
82B	48" Jack & Bore Steel Casing w/30" DIP Water/Wastewater/Reclaimed Water Carrier Pipe	L.F.	228
92	4" Mechanical Joint Restraint for DIP	Each	43
93	6" Mechanical Joint Restraint for DIP	Each	7
94	8" Mechanical Joint Restraint for DIP	Each	20
95	10" Mechanical Joint Restraint for DIP	Each	14
100	24" Mechanical Joint Restraint for DIP	Each	3
100A	30" Mechanical Joint Restraint for DIP	Each	7
109	24" Mechanical Joint Restraint for PVC	Each	3
109A	30" Mechanical Joint Restraint for PVC	Each	67
112	8" Joint Restraint Gasket (Field Lock or Fast Grip)	Each	8
113	10" Joint Restraint Gasket (Field Lock or Fast Grip)	Each	1
127A	30" PVC Pressure Pipe Bell Restraint	Each	106
128	4" Gate Valve & Valve Box	Each	6
129	6" Gate Valve & Valve Box	Each	1
130	8" Gate Valve & Valve Box	Each	2
131	10" Gate Valve & Valve Box	Each	2

**BID TABULATION
18) 13-002 BASE BID**

NO.	BID ITEM (Furnish and Install with Appurtenances)	UNIT	TOTAL QUANTITY
136B	16" Plug Valve & Valve Box; 150psi pressure rated, reduced port (79%) and Ductile Iron body	Each	1
136C	24" Plug Valve & Valve Box; 150psi pressure rated, reduced port (79%) and Ductile Iron body	Each	1
136D	30" Plug Valve & Valve Box; 150psi pressure rated, reduced port (79%) and Ductile Iron body	Each	4
164B	30"X 4" Tapping Sleeve w/Valve & Valve Box	Each	4
164C	30"X 8" Tapping Sleeve w/Valve & Valve Box	Each	1
195	Relocation of Existing Fire Hydrant	Each	1
205	2" Air Release Valve W/Manhole for Wastewater Force Main	Each	3
242A	Protect & Support Water Meter Box, Meter and Water Service Pipe (20ft max)	Each	1
255	4" to 12" Diameter Connection to Existing Water Main/Reclaimed Water Main or Force Main (Joint Restraint for existing pipe to be included)	Each	10
257	24" to 30" Diameter Connection to Existing Water Main/Reclaimed Water Main or Force Main (Joint Restraint for existing pipe to be included)	Each	7
263	Flush/Grouting/Deactivation of Existing 8" FM Pipe	L.F.	660
264A	Flush/Grouting/Deactivation of Existing 16" FM Pipe	L.F.	1,100
264B	Cut and Plug 16" PVC FM	Lump	1
270	Milling of Asphalt (Minimum 220 Sq. Yd. per mobilization - 1.5" thick)	Sq. Yd.	3,180
271	Asphalt Overlay, Type S-III (20 to 150 tons per work area)	Tons	222.79
272	Asphalt Roadway Removal and Restoration (2.5" thick)	Sq. Yd.	1,102
273	Asphalt Driveway Removal and Restoration (1.5" thick)	Sq. Yd.	733
274	Concrete Driveway Removal and Restoration	Sq. Yd.	86
278	Lime Rock Driveway or Roadway Removal and Restoration	Sq. Yd.	40
279	Asphalt Sidewalk Removal & Restoration	Sq. Yd.	611
280	Concrete Sidewalk Removal & Restoration	Sq. Yd.	833
281	Concrete Curb & Gutter Removal & Restoration	L.F.	210
283	Floritam Sod	Sq. Yd.	7,047
284	Bahia Sod	Sq. Yd.	4,807
285	Root Barrier	L.F.	60
286	Remove and Reinstall Trees up to 4" diameter or Palm Trees up to 12" diameter	Each	2

**BID TABULATION
18) 13-002 BASE BID**

NO.	BID ITEM (Furnish and Install with Appurtenances)	UNIT	TOTAL QUANTITY
287	Record Drawing	L.F.	1
288	Construction Survey	L.F.	1
289	Preconstruction Video Taping	L.F.	1
290	Mail Box Removal and Reinstallation	Each	2
291	Maintenance of Traffic Residential Street	L.F.	1
292	Maintenance of Traffic Arterial Roadway	L.F.	1
294	Density Tests	Each	33
295	Proctor Tests	Each	1
296	Concrete 12"x6" Cylinder Tests	Each	1
298A	Disposal of Sewage Flow	Lump	1
298B	Chain Link Fence Removal and Reinstallation	L.F.	795
303	Clean Fill	Cu. Yd.	21
304	Removal & Restoration of Anchor Wires for Poles	Each	1
305	Stripping - Thermoplastic	Lump	1
308	Guardrail Removal and Restoration	L.F.	100
309	Construction Allowance	Lump	1
310	Turbidity Barrier	Each	3
311	Silt Fence	L.F.	11,306
312	Extention of existing Concrete Headwall	Lump	1
TOTAL BID PRICE			
Mobilization 3.50 %			
Engineering 0.00 %			
Contingency 10.00 %			
DEP/HRS Permit		Y	
LWDD Permit		Y	
FDOT Permit		n	
Land Development Permit		Y	
Village of Royal Palm Beach Permit		n	
City of Pahokee		n	
City of Belle Glade		n	
GRAND TOTAL			



**Office of
Small Business Assistance**

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Jess R. Santamaria

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Robert Weisman, P.E.

Corrected

DATE: December 5, 2013

TO: Victor M. Gutierrez, P.E.
Pipeline Design Section
WUD Engineering Division

THROUGH: Allen Gray, Manager
Office of Small Business Assistance

FROM: Patricia Wilhelm, Small Business Development
Specialist II

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Attachment 5

WUD 13-002 Western Force Main By-Pass

Engineering Department Bid Review Comments

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