

## TOWN OF SOUTHWEST RANCHES, FLORIDA

### ROADWAY RESURFACING PROJECT: TRANSPORTATION AND SURFACE DRAINAGE AND ONGOING REHABILITATION PROGRAM

IFB No. 20-002  
FRIDAY, NOVEMBER 14, 2019

#### ADDENDUM 1

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1. Do you have an engineer's estimate / budget for this project?  
**RESPONSE:** Please see attached.
2. Are staging areas available on-site?  
**RESPONSE:** Yes. Contractor may use dead-end side streets for staging.
3. What does contractor need to do with excavated dirt?  
**RESPONSE:** Excavated dirt shall be removed by the contractor.
4. Is a geotechnical report available?  
**RESPONSE:** No.
5. Is temporary paint required before thermo?  
**RESPONSE:** Yes, for stop bars and speed humps only (chevrons and advanced warnings).
6. How will permit fees be handled?  
**RESPONSE:** Permit fees, if any, will be reimbursed to contractor as a direct pass-through.
7. Will the Town consider extending the number of days for substantial and final completion?  
**RESPONSE:** Yes, pages 21, 34, 64 and 65 of the advertised IFB are amended as follows: All work shall be substantially complete no later than one hundred twenty (120) calendar days from the of the Notice to Proceed. Final completion of the project shall be achieved no later than one hundred fifty (150) calendar days from the date of issuance of the Notice to Proceed.
8. On the details from Sheet # 3, the drawings call for Milling & Resurfacing on 63<sup>rd</sup> St., 57 Ct. and 51 St. Manor but on the Roadway Plans, the hatch calls for Resurfacing only. The Bid Schedule does not have any Milling item. Which is the correct one?  
**RESPONSE:** The Typical Sections have been revised to state Resurfacing Limits. No milling is proposed on the project. SW 188 Ave already is noted in the plans to remove the asphalt layer and rework the base up to 4".
9. What is the thickness of the existing asphalt to be removed and in which item should it be place it?  
**RESPONSE:** On SW 188<sup>th</sup> Ave the average asphalt thickness to be removed is 0.75." A pay item note for 210-1-8 has been added to include the cost for the asphalt layer removal.

10. The bid item # 285-701 Optional Base 1 calls for “up to 2” but the Optional Base 1 by FDOT has 4”. This is not a Rework Base it looks like a new base. Please advise. Could the Town show us where the item goes on the drawings?

**RESPONSE:** When reworking the existing base material it is anticipated that there will be some loss of material during the reworking operation. Pay Item 285-701 Optional Base Group 1 has been removed and replaced with Pay Item 210-2 Limerock, New Material for Reworking Base. The estimated quantity is 1,282 CY. This is used along SW 188<sup>th</sup> Ave. See the station limits and notes for #1 S.W. 188th Avenue on Sheet No. 3 - Typical Sections. Also see the Legend on each plan sheet that indicates “Rework Base & Resurface” with a light gray hatched shape.

11. The quantity of item 334-1-13, Asphalt Traffic C (2,541 TN) is the exact quantity for the installation of asphalt in an area of 30,794 SY (Item 210-1-8: 1.5” of asphalt) of the rework base but it does not have quantities of asphalt for installing in item #285-701, Speed Humps, nor Resurfacing. Please advise.

**RESPONSE:** A Pay Item note for 334-1-13 has been included to include the quantity for the speed hump. The asphalt quantity per speed hump is 5.3 TN.

12. Could the Town add an item for Speed Humps?

**RESPONSE:** The description for Pay Item 334-1-13 has been revised to show “Includes Speed Hump.” The asphalt quantity per speed hump is 5.3 TN.

13. The drawings have areas for Pavement Repair (approx. 1,329 SY) we assume that area correspond to the detail of Sheet # 2 “Small Pavement Repair.” Is it correct?

**RESPONSE:** Yes, the areas correspond to the detail on Sheet 2. The amount of pavement repair area is 1666 SY.

14. The Bid Schedule does not have the item for Pavement Repair. Is the Town aware that that kind of reparation is very expensive, because at the end of the day, the area is not very small? Please advise.

**RESPONSE:** Pay Item 285-709 Optional Base Group 9 has been added to the plans for the Small Pavement Repair areas. The estimated quantity of Type B-12.5 asphalt is 1666 SY.

15. If the intention of the Town is to make a Rework Base along 188th Avenue and place 1.5” of asphalt maintaining the existing level along the avenue. The other streets where the drawings call for Resurfacing, the final level of the paving on these streets are going to have a difference of height of 1.5”. Is it correct?

**RESPONSE:** A note has been added to the plans to direct the contractor to feather down the pavement surface at the side streets to match existing. If the side street overlay alternate is used the final height at the intersections would need to match the side street overlay elevation.

16. What is the intention of the Town about the Maintenance of Traffic because to make a Rework Base along 188 Ave. If the Contractor has to close the road, it is very difficult to

make detours at all time in that area. Alternatively, does the Town want one lane of the road open all the time? Please advise.

**RESPONSE:** The intent is to keep one lane open at all times during construction. The Contractor will be responsible for MOT and maintaining access to residences during construction.

17. If the Town wants one lane open all the time, the only way to maintain the traffic is with Flagmen. Can the Town add an item for Flagmen by man-hours?

**RESPONSE:** Maintenance of Traffic will be the responsibility of the Contractor. The cost for a flagman if needed is included in the lump sum Pay Item 102-1 Maintenance of Traffic. A Pay Item Note for 102-1 has been added to the plans indicating that the cost for a flagman is included in the pay item.

18. Who pays for Quality Control (density test)?

**RESPONSE:** The Contractor will be responsible for the payment of all material testing including density testing.

19. Could the Town add an item for Temporary Striping?

**RESPONSE:** Pay Item 102-1 Maintenance of Traffic includes the temporary striping as required to safely maintain traffic throughout a transportation work zone with minimal inconvenience to the public.

20. The Town hereby extends the deadline for questions until 5:00 PM November 19, 2019.

**APPENDIX A- BID SCHEDULE – Revised November 15, 2019**

The undersigned hereby proposes to furnish all labor, equipment and materials necessary to complete the work in strict accordance with the Contract Documents, schedules and plans, and all addenda, if issued, for the lump sum price shown below.

ITEM DESCRIPTION		UNITS	QUANTITY	UNIT PRICE	TOTAL PRICE
101-1	MOBILIZATION	LS	1		
102-1	MAINTENANCE OF TRAFFIC	LS	1		
104-18	INLET PROTECTING SYSTEM	EA	10		
104-10-3	SEDIMENT BARRIER	LF	16500		
110-1-1	CLEARING AND GRUBBING	LS	1		
120-1	REGULAR EXCAVATION (swale grading)	CY	11809.06		
210-1-8	REWORKING LIMEROCK BASE (OBG 1-4")	SY	30794		
210-2	LIMEROCK-NEW MATERIAL FOR REWORKING BASE	CY	1282		
285-709	OPTIONAL BASE GROUP 9	SY	1667		
334-1-13	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C (1.5")	TN	2541		
570-1-2	PERFORMANCE TURF, SOD (swales)	SY	16430		
<b>SIGNING AND PAVEMENT MARKINGS</b>					
700-1-11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	35		
700-1-12	SINGLE POST SIGN, F&I, GROUND MOUNT, 12-20 SF	AS	14		
700-1-60	SINGLE POST SIGN, REMOVE	AS	34		
700-3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	2		
706-3	RETRO-REFLECTIVE MARKERS	EA	22		
711-15-101	PAVEMENT MARKINGS, STANDARD WHITE SOLID 6" THERMOPLASTIC	GM	3.18		
711-11-125	PAVEMENT MARKINGS, STANDARD, WHITE SOLID 24" THERMOPLASTIC	LF	206		

711-16-201	PAVEMENT MARKINGS, STANDARD, YELLOW SOLID 6" THERMOPLASTIC	GM	3.20		
711-11-170	THERMOPLASTIC, STANDARD, WHITE ARROW	EA	2		
711-14-160	THERMOPLASTIC, PREFORMED MESSAGE (WHITE) FOR HUMP SYMBOL	EA	8		

<b><u>BASE BID: MAIN LINE TOTAL (REWORKING LIMEROCK UP TO 4" AND ADD 1.5" ASPHALT)</u></b>	<b>\$</b>
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**Add Alternative: Optional Side Streets (Dead End Streets)**

ITEM DESCRIPTION		UNITS	QUANTITY	UNIT PRICE	TOTAL PRICE
101-1	MOBILIZATION	LS	1.00		
102-1	MAINTENANCE OF TRAFFIC	LS	1.00		
104-10-3	SEDIMENT BARRIER	LF	4050.00		
110-1-1	CLEARING AND GRUBBING	LS	1.00		
120-1	REGULAR EXCAVATION (SWALE GRADING)	CY	7482.19		
334-1-13	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C (1" OVERLAY)	TN	275.81		

<b><u>ADD ALTERNATIVE: OPTIONAL SIDE STREETS (DEAD END / SIDE STREETS) TOTAL</u></b>	<b>\$</b>
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**TOTAL BASE BID PLUS ADD ALTERNATIVE**      \$ \_\_\_\_\_

**Bidder** \_\_\_\_\_

**TSDOR 2019 Engineers Opinion of Probable Construction Cost**

ITEM DESCRIPTION	UNITS	Unit Cost	Quantity	Cost
101-1 MOBILIZATION	LS	\$10,000.00	1	\$10,000.00
102-1 MAINTENANCE OF TRAFFIC	LS	\$10,000.00	1	\$10,000.00
104-18 INLET PROTECTING SYSTEM	EA	\$119.87	10	\$1,198.70
104-10-3 SEDIMENT BARRIER	LF	\$1.46	16500	\$24,090.00
110-1-1 CLEARING AND GRUBBING	LS	\$5,000.00	1	\$5,000.00
120-1 REGULAR EXCAVATION (swale grading)	CY	\$6.55	11809.06	\$77,349.34
210-1-8 REWORKING LIMEROCK BASE (OBG 1-4")	SY	\$4.42	30794	\$136,109.97
285-701 OPTIONAL BASE GROUP 1 (up to 2 inches) 15% OF TOTAL	SY	\$8.87	4619	\$40,971.56
334-1-13 SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C (1.5")	TN	\$171.48	2541	\$435,646.65
570-1-2 PERFORMANCE TURF, SOD (swales)	SY	\$3.90	16430	\$64,077.00
<b>SIGNING AND PAVEMENT MARKINGS</b>				
700-1-11 SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	\$360.00	35	\$12,600.00
700-1-12 SINGLE POST SIGN, F&I,GROUND MOUNT, 12-20 SF	AS	\$1,181.00	14	\$16,534.00
700-1-60 SINGLE POST SIGN, REMOVE	AS	\$27.69	34	\$941.46
700-3-501 SIGN PANEL, RELOCATE, UP TO 12 SF	EA	\$100.56	2	\$201.12
706-3 RETRO-REFLECTIVE MARKERS	EA	\$3.93	22	\$86.46
711-15-101 PAVEMENT MARKINGS, STANDARD WHITE SOLID 6" THERMOPLASTIC	GM	\$3,659.00	3.18	\$11,635.62
711-11-125 PAVEMENT MARKINGS, STANDARD, WHITE SOLID 24" THERMOPLASTIC	LF	\$4.80	206	\$988.80
711-16-201 PAVEMENT MARKINGS, STANDARD, YELLOW SOLID 6" THERMOPLASTIC	GM	\$3,568.00	3.20	\$11,417.60
711-11-170 THERMOPLASTIC, STANDARD, WHITE ARROW	EA	\$55.98	2	\$111.96
711-14-160 THERMOPLASTIC, PREFORMED MESSAGE (WHITE) FOR HUMP SYMBOL	EA	\$320.08	8	\$2,560.64

**MAIN LINE TOTAL (reworking limerock up to 4" and add 1.5" of asphalt) \$861,319.77**

**Optional Side Streets (Dead End Streets)**

101-1 MOBILIZATION	LS	\$5,000.00	1.00	\$5,000.00
102-1 MAINTENANCE OF TRAFFIC	LS	\$5,000.00	1.00	\$5,000.00
104-10-3 SEDIMENT BARRIER	LF	\$1.46	4050.00	\$5,913.00
110-1-1 CLEARING AND GRUBBING	LS	\$5,000.00	1.00	\$5,000.00
120-1 REGULAR EXCAVATION (SWALE GRADING)	CY	\$6.55	7482.19	\$49,008.34
334-1-13 SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C (1" OVERLAY)	TN	\$171.48	275.81	\$47,295.90
570-1-2 PERFORMANCE TURF, SOD	SY	\$3.90	10410.00	\$40,599.00

**OPTIONAL SIDE STREETS (DEAD END STREETS) TOTAL \$157,816.24**