

COLLIER COUNTY BID NO. \_\_\_\_ - \_\_\_\_\_  
 COLLIER COUNTY PROJECT NO. \_\_\_\_\_ MATERIALS SCHEDULE  
 U.S. 41 (S.R. 90) TAMIAMI TRAIL EAST - STREETSCAPE BEAUTIFICATION PROJECT

OPINION OF COSTS: 100% PLANS

Date: 01/03/05-rev 2/25/05, 8/23/06,9/11/06,11/1/06

Est

**MATERIALS & WORK BID SCHEDULE**

Section / Bid Item / Description	Qty.	Unit	Unit Cost	Total Cost
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**U.S. 41 (S.R. 90) TAMIAMI TRAIL EAST PHASE C**

**I. BASE BID GENERAL PROJECT ITEMS**

1 PAYMENT & PERFORMANCE BOND	1	Ea.	\$ 6500.00	\$ 6,500.00
2 MAINTENANCE OF TRAFFIC	1	Ea.	\$ 6500.00	\$ 6,500.00
3 AS-BUILT/RECORD PLANS (Provide and maintain per contract documents)	1	Ea.	\$ 1500.00	\$ 1,500.00

**Subtotal Section I** \$ 14,500.00

**II. BASE BID SITE DEMOLITION, PREPARATION AND DISPOSAL**

**1 SITE PREPARATION & GRADING**

- a. Spray existing vegetation with contact herbicide for 100% kill. Two or more applications maybe required for kill and to keep project weed free.
- b. Cut and grade median per plans, notes and G/1 profile detail.
- c. Rotor till soil within medians to 6" depth 24" off back of curbing.  
(6 total passes with rotor tiller)
- d. Prior to planting fine grade per plans, notes and G/1 profile detail.  
(Note: Project to be weed free during construction and at final completion)

	72325	S.F.	\$ 0.35	\$ 25,313.75
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**2 ASPHALT REMOVAL AND DISPOSAL AT MEDIAN ENDS**

	800	S.F.	\$ 2.00	\$ 1,600.00
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**Subtotal Section II** \$ 26,913.75

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Section / Bid Item / Description	Est. Qty.	Unit	Unit Cost	Total Cost	
<b>U.S. 41 (S.R. 90) TAMIAMI TRAIL EAST PHASE C</b>					
<b>III. <u>PLANT MATERIALS</u></b>					
<b>Palms &amp; Trees</b>					
<b>Plant unit prices to include planting backfill per notes or specifications.</b>					
1 . PE-Ptychosperma elegans, Alexander palm 15' C.t., specimen	12	Ea.	\$ 400.00	\$	4,800.00
2 . RE-Roystonea elata, Florida Royal palm 10' Ct., specimen	4	Ea.	\$ 450.00	\$	1,800.00
3 . RE-Roystonea elata, Florida Royal palm 15' Ct., specimen	3	Ea.	\$ 576.00	\$	1,728.00
4 . TR-Thrinax radiata, Florida Thatch palm 7'-8' oa. ht., specimen,	11	Ea.	\$ 300.00	\$	3,300.00
5 . SP-Sabal palmetto, Cabbage Palm- 10' oa. ht., specimen	4	Ea.	\$ 220.00	\$	880.00
6 . SP-Sabal palmetto, Cabbage Palm- 14' oa. ht., specimen	8	Ea.	\$ 350.00	\$	2,800.00
7 . SP-Sabal palmetto, Cabbage Palm- 18' oa. ht., specimen	4	Ea.	\$ 396.00	\$	1,584.00
8 . WB-Wodyetia bifurcata, Foxtail Palm- 10' Ct., specimen	18	Ea.	\$ 130.00	\$	2,340.00
9 . WB-Wodyetia bifurcata, Foxtail Palm, 12' Ct., specimen	25	Ea.	\$ 200.00	\$	5,000.00
10 . WB-Wodyetia bifurcata, Foxtail Palm- 16' Ct., specimen	35	Ea.	\$ 325.00	\$	11,375.00
11 . LL-Ligustrum lucidum, Glossy Privet, 10'-12', 8' spr. 4-1/2" cal	40	Ea.	\$ 125.00	\$	5,000.00
12 . CH-Calliandra haematocephala, Red Powder Puff- 10'-12', 8' spr. 4-1/2" cal	12	Ea.	\$ 300.00	\$	3,600.00
13 . CC-Capparis cynophallophora, Jamaica Caper-,10'-12', 8' spr. 4-1/2" cal	12	Ea.	\$ 170.00	\$	2,040.00
14 . BB-Bucida buceras, Black Olive 'Shady Lady'-14'-16' ht., 8'-10' spr., 3.5" cal., specimen	34	Ea.	\$ 190.00	\$	6,460.00
15 . BB1-Bucida buceras, Black Olive 'Shady Lady'-BB with 25 sq. Ft. of 29" W Bio-barrier	15	Ea.	\$ 305.00	\$	4,575.00
16 . BB2-Bucida buceras, Black Olive 'Shady Lady'-BB with 2 Cu. Yds. of soil required / slope	49	Ea.	\$ 240.00	\$	11,760.00
17 . LFM-Lagerstroemia , Muskogee-10'-12', 8' spr. 4-1/2" cal	20	Ea.	\$ 125.00	\$	2,500.00
<b>Shrubs</b>					
18 . MC-Muhlenbergia capillaris-Muhly Grass-1 gal., 12" ht., 12" spr., 30" o.c.	504	Ea.	\$ 9.00	\$	4,536.00
19 . PA-Plumbago auriculata, Imperial Blue- 1 gal., 12" ht./spr., 4' o.c.	794	Ea.	\$ 9.00	\$	7,146.00
<b>Ground Covers</b>					
20 . PSX-Philodendron selloum, "Xanadu"- 3 gal., 30" ht./spr.,SH., 4' o.c.	144	Ea.	\$ 13.50	\$	1,944.00
21 . EM-Euphorbia milii, Crown of Thorns- 3 gal., 8" ht., 3' o.c	185	Ea.	\$ 8.50	\$	1,572.50
22 . RI-Raphiolepis indica 'Alba', Indian Hawthorn- 3 gal., 12"-16" ht./spr., 3' o.c. White	798	Ea.	\$ 8.50	\$	6,783.00
23 . JC-Juniperus chinensis 'Parsonii', Parsoni Juniper- 3 gal., 12" ht., 24" spr., 3' o.c.	744	Ea.	\$ 8.00	\$	5,952.00
24 . Turf - St. Augustine 'Floritam' grass	40438	S.F.	\$ 0.30	\$	12,131.38
25 . Turf - Bahia grass	34600	S.F.	\$ 0.17	\$	5,882.00
				<b>Subtotal Section III</b>	<b>\$ 117,488.88</b>
				<b>Subtotal Section I, II &amp; III</b>	<b>\$ 158,902.63</b>

<u>Section / Bid Item / Description</u>	<u>Est. Qty.</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>cont. Total Cost</u>
<b>U.S. 41 (S.R. 90) TAMIAMI TRAIL EAST PHASE C</b>				

**IV IRRIGATION MATERIALS**

1 . Irrigation system sources: Connection to existing re-use water sources Connect to 3" reuse water meter	1	Ea.	\$ 250.00	\$ 250.00
2 . Supply & install Hoover (or approved equal) 10 hp booster pump station with auto flush disc filter and make 100% operational per plans, details, specifications and manufacturer's specifications. . Master control valve & hydrometer globe mount valve. Include in pump station, Bermad model 910-P 2" or approved equal install per manufacturer's specifications with 4A filters,15-3 way soleniodes with manual operator. Valve installation to include 6 plex wire properly sized for final in-field distance from controller to valve.	1	Ea.	\$ 15,000.00	\$ 15,000.00
3 . Controller 1-Motorola Scorpio 16 station, Connect valve wiring only & making controller fully operational with all components.	1	Ea	\$ 250.00	\$ 250.00
Controller 2-Motorola Irrinet 48 stations, Connect valve wiring only & making controller fully operational with all components.	1	Ea	\$ 250.00	\$ 250.00
4 . 4" PVC 1120-1220 Class 200 gasketed irrigation main line with Harco DIP fittings. Reuse water color coded. Mainline pipe through sleeves to be solvent weld connections.	6177	L.F.	\$ 6.00	\$ 37,062.00
5 . 2.5" PVC 1120-1220 Class 200 gasketed irrigation main line with Harco DIP fittings. Reuse water color coded. Mainline pipe through sleeves to be solvent weld connections.	1243	L.F.	\$ 3.50	\$ 4,350.50
6 . Supply and install 24 volt valve wire per plans, details and specifications. #12 ga. wire	13193	L.F.	0.35	\$ 4,617.55
#14 ga. Wire	81218	L.F.	0.29	\$ 23,553.22
7 . Hunter MWS-FR, Mini-weather station with freeze sensor	2	Ea.	\$ 300.00	\$ 600.00
8 . Irrigation main line blow off points. 3" & 1-1/2" SCH 80 Piping & Fittings, 3" & 1-1/2" manual gate valve, valve boxes and other components as per detail	1	Ea.	\$ 336.00	\$ 336.00
9 . Lateral line piping to be Class 160 PVC pipe - Refer to plan or pipe sizing schematics for sizes. Minimum piping from sprinkler to sprinkler shall be 1". Piping from sprinkler row to sprinkler row shall be 1-1/4". All pipe to be reuse water color coded.			<b>(INCLUDE COST IN SPRINKLER HEAD PRICING)</b>	

<u>Section / Bid Item / Description</u>	<u>Est. Qty.</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>cont. Total Cost</u>
<b>U.S. 41 (S.R. 90) TAMIAMI TRAIL EAST PHASE C</b>				
10 . 0-100 PSI Liquid filled pressure gauge and air valve with adequate Sch 40 pvc tees and outlet reducers at main & submain pressure check points. Provide 1 jumbo size rectangular valve box per assembly	7	Ea.	\$ 75.00	\$ 525.00
11 . 4" main line flanged epoxy coated isolation gate valve with non-rising stem Nibco or approved equal	5	Ea.	\$ 350.00	\$ 1,750.00
12 . 2.5" main line flanged epoxy coated isolation gate valve with non-rising stem Nibco or approved equal	2	Ea.	\$ 235.00	\$ 470.00
13 . L.R. Nelson 7644, 1" Quick coupler valve installed within jumbo box	19	Ea.	\$ 100.00	\$ 1,900.00
14 . Toro 220-227-X-5, 1.25:" 220 Series Brass Electric Solenoid Valve with pressure regulator, include a 1.25" Red White 206 Series isolation valve. Install units within a jumbo size valve box per details & plans.	41	Ea.	\$ 306.00	\$ 12,546.00
15 . Toro XP340-HP-XX, Toro XP-300 Series 12" High pop-up multi-stem rotor head body with nozzles as indicated per plan. Refer to plan for patterns & nozzle sizes. With recycled water indicators.	231	Ea.	\$ 66.75	\$ 15,419.25
16 . Toro 570Z-PRX-12P, Toro 570 PRX Series 12" High Pop-Up spray head body with in-riser pressure regulator and X-flow shut-off device. Refer to plan for patterns & nozzle ranges. With recycled water indicators.	271	Ea.	\$ 40.00	\$ 10,840.00
17 . Pressure compensating flood bubbler nozzle on barbed fitting connected to flex line 2 per designated tree. Refer to plan for trees and flows designated. Toro FB-100 series Bubbler 1 GPM (See General Notes for installation and piping)	288	Ea	\$ 40.00	\$ 11,520.00
Toro FB-50 series Bubbler .5 GPM (See General Notes for installation and piping)	156	Ea	\$ 15.00	\$ 2,340.00
Toro FB-25 series Bubbler .25 GPM (See General Notes for installation and piping)	168	Ea	\$ 15.00	\$ 2,520.00
18 . Green color reflective pavement marker. To be installed on top of curb one on each side of median at each valve or group of valves.	40	Ea.	\$ 9.00	\$ 360.00
19 . 8" HDPE-Class 150 SDR11 Extra molecular weight HDPE irrigation sleeves	931	Ea.	\$ 37.75	\$ 35,145.25
20 . 6" HDPE-Class 150 SDR11 Extra molecular weight HDPE irrigation sleeves	327	Ea.	\$ 26.75	\$ 8,747.25
21 . 4" HDPE-Class 150 SDR11 Extra molecular weight HDPE irrigation sleeves	1072	Ea.	\$ 15.75	\$ 16,884.00
22 . 2" HDPE-Class 150 SDR11 Extra molecular weight HDPE irrigation sleeves	753	Ea.	\$ 10.50	\$ 7,906.50
23 . 1.25" SCH 40 PVC irrigation wiring sleeves inside other sleeves	524	Ea.	\$ 2.00	\$ 1,048.00
24 . Installation of OMNI Reuse Locator Balls to be located on 75 foot centers along the bubbler lines located along the roadside.	136	Ea.	\$ 45.00	\$ 6,120.00
<b>Subtotal Section IV</b>				<b>\$ 216,190.52</b>

Section / Bid Item / Description	Est. Qty.	Unit	Unit Cost	cont. Total Cost
<b>U.S. 41 (S.R. 90) TAMIAMI TRAIL EAST PHASE C</b>				
<b>V. <u>INSTALLED SITE MATERIALS</u></b>				
1 . DECORATIVE PAVERS SAND SET ( Includes 10% for waste)	1243	S.F.	\$ 5.66	\$ 7,035.38
2 . MULCH Eucalyptus Blend 3" Depth, 2 cu.ft bags)(Includes 10%)	5473	Bags	\$ 4.58	\$ 25,068.63
			<b>Subtotal Section V</b>	<b>32,104.01</b>
			<b>TOTAL BASE BID SECTIONS I through V</b>	<b>\$ 407,197.16</b>
<b>VI. <u>BID ALTERNATES</u></b>				
1 . Toro 570Z-PRX-6P, Toro 570 PRX Series 6" High Pop-Up spray head body with rotary nozzles (R18-24). Refer to plan for patterns & nozzle ranges. With recycled water indicators. (Replaces bid items "Irrigation Materials" # 15 & 16)	502	Ea.	\$ 38.00	\$ 19,076.00
2 . Turf - Bahia seeding	34600	S.F.	\$ 0.05	\$ 1,730.00
3 . Connect to County provided 2" water meter and backflow.	1	Ea.	\$ 250.00	\$ 250.00
4 . Bermad 910-P 2" Magnetic drive Hydrometer globe mount, 4A inline Filter,15- 3 way, 24 VAC, normally closed bermad solenoid pilot valve.	2	Ea.	\$ 1,650.00	\$ 3,300.00
5 . To include 6-plexshielded 14 awg wire from Bermad to controller.	1148	L.F.	\$ 1.00	\$ 1,148.00
6 . Collier County to supply topsoil. The county is to supply topsoil during the work week The contractor is responsible for fine grading, for additional weed control to eliminate all weeds during the duration of the installation. Estimated CY	1563	C.Y.	\$ 40.90	\$ 63,926.70
7 . Collier County to supply topsoil. The county is to supply topsoil during the weekend The contractor is responsible for fine grading, for additional weed control to eliminate all weeds during the duration of the installation. Estimated CY	1563	C.Y.	\$ 40.90	\$ 63,926.70
8 . Contractor to supply topsoil. Add 5" of top soil to medians. The contractor is responsible for fine grading, for additional weed control to eliminate all weeds during the duration of the installation. Estimated CY	1563	C.Y.	\$ 40.90	\$ 63,926.70
			<b>Subtotal Section VI</b>	<b>\$ 196,228.10</b>
			<b>TOTAL BID WITH ALTERNATES SECTIONS I through VI</b>	<b>\$ 603,425.26</b>

NOTES: ALL QUANTITIES & MEASUREMENTS LISTED IN THE MATERIALS & WORK BID SCHEDULE ARE PLAN TAKE-OFF ESTIMATES SUBJECT TO FINAL ON-SITE QUANTITY AND/OR MEASUREMENT VERIFICATIONS. REVIEW EXHIBIT H "INTENT OF CONTRACT DOCUMENTS", 1.1 THRU 1.3

cont.

**THESE ITEMS ARE NOT TO BE INCLUDED WITHIN THE BID. OPINION OF COST FOR COUNTY BUDGETING.**

<b>Section / Bid Item / Description</b>	<b>Est. Qty.</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Total Cost</b>
<b>U.S. 41 (S.R. 90) TAMiami TRAIL EAST PHASE C</b>				
<b>1. COLLIER COUNTY SUPPLIED PROJECT ITEMS</b>				
1 . Underground Electric Service #1 at pump station: per detail E-1	1	Ea.	\$ 7,500.00	\$ 7,500.00
2 . Electric Service #1 connection fee:	1	Ea	\$ 750.00	\$ 750.00
3 . Underground Electric Service #2 at existing controller set meter:	1	Ea.	\$ -	\$ -
4 . Electric Service #2 connection fee:	1	Ea	\$ 750.00	\$ 750.00
5 . Underground Electric Service #3 at existing upgrade for new controller:	1	Ea.	\$ 4,500.00	\$ 4,500.00
6 . Electric Service #3 connection fee:	1	Ea	\$ 750.00	\$ 750.00
7 . System 1-Motorola Scorpios 16 Station Controller Existing	1	Ea	\$ -	\$ -
8 . System 2-Motorola Irrinet 48 Station Controller St. Andrews Blvd. per detail C-1	1	Ea	\$ 15,000.00	\$ 15,000.00
9 . Reuse water meter service: 3" meter	1	Ea	\$ 750.00	\$ 750.00
<b>Subtotal County Project Items</b>				<b>\$ \$ 30,000.00</b>
<b>TOTAL PROJECT COSTS</b>				<b>\$ \$ 437,197.16</b>
<b>2. COLLIER COUNTY REUSE WATER CONNECTION COST</b>				
1 . Supply & install Hoover 10 hp booster pump station and make 100% operational	1	Ea.	\$ 15,000.00	\$ 15,000.00
2 per plans, details, specifications and manufacturer's specifications.				
3 . 4" PVC 1120-1220 Class 200 gasketed irrigation main line with Harco DIP fittings.	5700	L.F.	\$ 6.00	\$ 34,200.00
4 Reuse water color coded. Mainline pipe through sleeves to solvent weld connections.	790	Ea.	\$ 38.00	\$ 30,020.00
5 . 8" HDPE-Class 150 SDR11 Extra molecular weight HDPE irrigation sleeves	126	Ea.	\$ (27.00)	\$ (3,402.00)
6 . 6" HDPE-Class 150 SDR11 Extra molecular weight HDPE irrigation sleeves	195	Ea.	\$ 12.00	\$ 2,340.00
7 . 2" HDPE-Class 150 SDR11 Extra molecular weight HDPE irrigation sleeves	1	Ea.	\$ 7,500.00	\$ 7,500.00
8 . Underground Electric Service #1 at pump station: per detail E-1	1	Ea	\$ 750.00	\$ 750.00
9 . Electric Service #1 connection fee:	1	Ea	\$ 750.00	\$ 750.00
10 . Reuse water meter service: 3" meter	1	Ea	\$ 750.00	\$ 750.00
11 3" & 2" main for potable system	1	L.F.	\$ (13,567.00)	\$ (13,567.00)

- 12 2- 1.5" potable water meter impact fees
- 13 2-wire to multi-wire conversion

1	L.F.	\$	<u>(32,000.00)</u>	\$	<u>(32,000.00)</u>
1	L.S.	\$	<u>14,540.47</u>	\$	<u>14,540.47</u>
<b>PROJECT NET REUSE WATER COSTS</b>				\$	<u>56,131.47</u>

Date: 01/03/05-rev 2/25/05, 8/23/06,9/11/06,11/1/06

Section / Bid Item / Description	Est Qty.	Unit	Hannula Landscaping, Inc.		Landscape Service Professionals		Superior Landscaping & Lawn Service		Vila & Son Landscaping	
			Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
<b>I. BASE BID GENERAL PROJECT ITEMS</b>										
1 PAYMENT & PERFORMANCE BOND	1	Ea.	\$ 13,300.00	\$ 13,300.00	\$ 14,228.20	\$ 14,228.20	\$ 13,000.00	\$ 13,000.00	\$ 4,843.75	\$ 4,843.75
2 MAINTENANCE OF TRAFFIC	1	Ea.	\$ 4,250.00	\$ 4,250.00	\$ 17,600.00	\$ 17,600.00	\$ 15,400.00	\$ 15,400.00	\$ 14,632.50	\$ 14,632.50
3 AS-BUILT/RECORD PLANS (Provide and maintain per contract documents)	1	Ea.	\$ 300.00	\$ 300.00	\$ 500.00	\$ 500.00	\$ 5,500.00	\$ 5,500.00	\$ 550.00	\$ 550.00
<b>Subtotal Section I</b>				\$ 17,850.00		\$ 32,328.20		\$ 33,900.00		\$ 20,026.25
<b>II. BASE BID SITE DEMOLITION, PREPARATION AND DISPOSAL</b>										
1 SITE PREPARATION & GRADING										
a. Spray existing vegetation with contact herbicide for 100% kill. Two or more applications maybe required for kill and to keep project weed free.										
b. Cut and grade median per plans, notes and G/1 profile detail.										
c. Rotor till soil within medians to 6" depth 24" off back of curbing. (6 total passes with rotor tiller)										
d. Prior to planting fine grade per plans, notes and G/1 profile detail. (Note: Project to be weed free during construction and at final completion)	72325	S.F.	\$ 0.28	\$ 20,251.00	\$ 0.19	\$ 13,741.75	\$ 1.25	\$ 90,406.25	\$ 0.21	\$ 15,188.25
2 ASPHALT REMOVAL AND DISPOSAL AT MEDIAN ENDS	800	S.F.	\$ 1.15	\$ 920.00	\$ 2.55	\$ 2,040.00	\$ 2.00	\$ 1,600.00	\$ 1.29	\$ 1,032.00
<b>Subtotal Section II</b>				\$ 21,171.00		\$ 15,781.75		\$ 92,006.25		\$ 16,220.25
<b>III. PLANT MATERIALS</b>										
<b>Palms &amp; Trees</b>										
<b>Plant unit prices to include planting backfill per notes or specifications.</b>										
1 . PE-Ptychosperma elegans, Alexander palm 15' C.t., specimen	12	Ea.	\$ 491.00	\$ 5,892.00	\$ 461.50	\$ 5,538.00	\$ 430.00	\$ 5,160.00	\$ 482.24	\$ 5,786.88
2 . RE-Roystoneia elata, Florida Royal palm 10' Ct., specimen	4	Ea.	\$ 585.00	\$ 2,340.00	\$ 856.50	\$ 3,426.00	\$ 950.00	\$ 3,800.00	\$ 1,100.27	\$ 4,401.08
3 . RE-Roystoneia elata, Florida Royal palm 15' Ct., specimen	3	Ea.	\$ 1,500.00	\$ 4,500.00	\$ 1,256.50	\$ 3,769.50	\$ 1,200.00	\$ 3,600.00	\$ 1,851.03	\$ 5,553.09
4 . TR-Thrinax radiata, Florida Thatch palm 7'-8' oa. ht., specimen,	11	Ea.	\$ 374.00	\$ 4,114.00	\$ 341.50	\$ 3,756.50	\$ 500.00	\$ 5,500.00	\$ 358.67	\$ 3,945.37
5 . SP-Sabal palmetto, Cabbage Palm- 10' oa. ht., specimen	4	Ea.	\$ 163.00	\$ 652.00	\$ 256.50	\$ 1,026.00	\$ 120.00	\$ 480.00	\$ 185.10	\$ 740.40
6 . SP-Sabal palmetto, Cabbage Palm- 14' oa. ht., specimen	8	Ea.	\$ 163.00	\$ 1,304.00	\$ 256.50	\$ 2,052.00	\$ 120.00	\$ 960.00	\$ 185.10	\$ 1,480.80
7 . SP-Sabal palmetto, Cabbage Palm- 18' oa. ht., specimen	4	Ea.	\$ 163.00	\$ 652.00	\$ 256.50	\$ 1,026.00	\$ 120.00	\$ 480.00	\$ 185.10	\$ 740.40
8 . WB-Wodyetia bifurcata, Foxtail Palm- 10' Ct., specimen	18	Ea.	\$ 400.00	\$ 7,200.00	\$ 221.50	\$ 3,987.00	\$ 384.00	\$ 6,912.00	\$ 338.29	\$ 6,089.22
9 . WB-Wodyetia bifurcata, Foxtail Palm, 12' Ct., specimen	25	Ea.	\$ 500.00	\$ 12,500.00	\$ 561.30	\$ 14,032.50	\$ 415.00	\$ 10,375.00	\$ 371.30	\$ 9,282.50
10 . WB-Wodyetia bifurcata, Foxtail Palm- 16' Ct., specimen	35	Ea.	\$ 700.00	\$ 24,500.00	\$ 681.70	\$ 23,859.50	\$ 470.00	\$ 16,450.00	\$ 482.24	\$ 16,878.40
11 . LL-Ligustrum lucidum, Glossy Privet, 10'-12', 8' spr. 4-1/2" cal	40	Ea.	\$ 468.00	\$ 18,720.00	\$ 451.35	\$ 18,054.00	\$ 263.00	\$ 10,520.00	\$ 482.00	\$ 19,280.00
12 . CH-Calliandra haematocephala, Red Powder Puff- 10'-12', 8' spr. 4-1/2" cal	12	Ea.	\$ 175.00	\$ 2,100.00	\$ 281.35	\$ 3,376.20	\$ 390.60	\$ 4,687.20	\$ 301.07	\$ 3,612.84
13 . CC-Capparis cynophallophora, Jamaica Caper-,10'-12', 8' spr. 4-1/2" cal	12	Ea.	\$ 350.00	\$ 4,200.00	\$ 351.35	\$ 4,216.20	\$ 542.50	\$ 6,510.00	\$ 301.07	\$ 3,612.84



			Hannula Landscaping, Inc.		Landscape Service Professionals		Superior Landscaping & Lawn Service		Vila & Son Landscaping		
			Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	
14 .	BB-Bucida buceras, Black Olive 'Shady Lady'-14'-16' ht., 8'-10' spr., 3.5" cal., specimen	34	Ea.	\$ 327.00	\$ 11,118.00	\$ 236.35	\$ 8,035.90	\$ 434.00	\$ 14,756.00	\$ 316.93	\$ 10,775.62
15 .	BB1-Bucida buceras, Black Olive 'Shady Lady'-BB with 25 sq. Ft. of 29" W Bio-barrier	15	Ea.	\$ 477.00	\$ 7,155.00	\$ 421.35	\$ 6,320.25	\$ 600.00	\$ 9,000.00	\$ 397.00	\$ 5,955.00
16 .	BB2-Bucida buceras, Black Olive 'Shady Lady'-BB with 2 Cu. Yds. of soil required / slope	49	Ea.	\$ 391.00	\$ 19,159.00	\$ 296.35	\$ 14,521.15	\$ 550.00	\$ 26,950.00	\$ 399.47	\$ 19,574.03
17 .	LFM-Lagerstroemia , Muskogee-10'-12', 8' spr. 4-1/2" cal	20	Ea.	\$ 234.00	\$ 4,680.00	\$ 216.35	\$ 4,327.00	\$ 423.15	\$ 8,463.00	\$ 300.42	\$ 6,008.40
<b>Shrubs</b>											
18 .	MC-Muhlenbergia capillaris-Muhly Grass-1 gal., 12" ht., 12" spr., 30" o.c.	504	Ea.	\$ 4.00	\$ 2,016.00	\$ 5.00	\$ 2,520.00	\$ 3.75	\$ 1,890.00	\$ 3.67	\$ 1,849.68
19 .	PA-Plumbago auriculata, Imperial Blue- 1 gal., 12" ht./spr., 4' o.c.	794	Ea.	\$ 4.00	\$ 3,176.00	\$ 4.00	\$ 3,176.00	\$ 7.35	\$ 5,835.90	\$ 3.27	\$ 2,596.38
<b>Ground Covers</b>											
20 .	PSX-Philodendron selloum, "Xanadu"- 3 gal., 30" ht./spr.,SH., 4' o.c.	144	Ea.	\$ 16.00	\$ 2,304.00	\$ 42.50	\$ 6,120.00	\$ 1,200.00	\$ 172,800.00	\$ 13.35	\$ 1,922.40
21 .	EM-Euphorbia milii, Crown of Thorns- 3 gal., 8" ht., 3' o.c	185	Ea.	\$ 9.40	\$ 1,739.00	\$ 10.35	\$ 1,914.75	\$ 9.20	\$ 1,702.00	\$ 8.39	\$ 1,552.15
22 .	RI-Raphiolepis indica 'Alba', Indian Hawthorn- 3 gal., 12"-16" ht./spr., 3' o.c. White	798	Ea.	\$ 8.60	\$ 6,862.80	\$ 10.85	\$ 8,658.30	\$ 9.20	\$ 7,341.60	\$ 8.39	\$ 6,695.22
23 .	JC-Juniperus chinensis 'Parsonii', Parsoni Juniper- 3 gal., 12" ht., 24" spr., 3' o.c.	744	Ea.	\$ 8.60	\$ 6,398.40	\$ 10.35	\$ 7,700.40	\$ 9.20	\$ 6,844.80	\$ 7.97	\$ 5,929.68
24 .	Turf - St. Augustine 'Floratum' grass	40438	S.F.	\$ 0.31	\$ 12,535.78	\$ 0.30	\$ 12,131.40	\$ 0.31	\$ 12,535.78	\$ 0.34	\$ 13,748.92
25 .	Turf - Bahia grass	34600	S.F.	\$ 0.19	\$ 6,574.00	\$ 0.22	\$ 7,612.00	\$ 0.26	\$ 8,996.00	\$ 0.23	\$ 7,958.00
<b>Subtotal Section III</b>					\$ 172,391.98		\$ 171,156.55		\$ 352,549.28		\$ 165,969.30
<b>Subtotal Section I, II &amp; III</b>					\$ 211,412.98		\$ 219,266.50		\$ 478,455.53		\$ 202,215.80
<b>IV IRRIGATION MATERIALS</b>											
1 .	Irrigation system sources: Connection to existing re-use water sources Connect to 3" reuse water meter Supply & install Hoover (or approved equal Naples Electric Motorworks VFD) 10 hp	1	Ea.	\$ 465.00	\$ 465.00	\$ 500.00	\$ 500.00	\$ 1,500.00	\$ 1,500.00	\$ 300.00	\$ 300.00
2	booster pump station with auto flush disc filter and make 100% operational per plans, details, specifications and manufacturer's specifications. Master control valve & hydrometer globe mount valve. Include in pump station, Bermad model 910-P 2" or approved equal install per manufacturer's specifications with 4A filters,15-3 way solenoids with manual operator. Valve installation to include 6 plex wire properly sized for final in-field distance from controller to valve.	1	Ea.	\$ 34,927.00	\$ 34,927.00	\$ 37,800.00	\$ 37,800.00	\$ 36,000.00	\$ 36,000.00	\$ 36,190.00	\$ 36,190.00
3 .	Controller 1-Motorola Scorpio 16 station, Connect valve wiring only & making controller fully operational with all components. Controller 2-Motorola Irrinet 48 stations, Connect valve wiring only & making controller fully operational with all components.	1	Ea.	\$ 310.00	\$ 310.00	\$ 1,000.00	\$ 1,000.00	\$ 6,000.00	\$ 6,000.00	\$ 250.00	\$ 250.00
4 .	4" PVC 1120-1220 Class 200 gasketed irrigation main line with Harco DIP fittings. Reuse water color coded. Mainline pipe through sleeves to be solvent weld connections.	6177	L.F.	\$ 7.64	\$ 47,192.28	\$ 8.00	\$ 49,416.00	\$ 10.00	\$ 61,770.00	\$ 9.20	\$ 56,828.40
5 .	2.5" PVC 1120-1220 Class 200 gasketed irrigation main line with Harco DIP fittings. Reuse water color coded. Mainline pipe through sleeves to be solvent weld connections.	1243	L.F.	\$ 3.60	\$ 4,474.80	\$ 4.75	\$ 5,904.25	\$ 6.00	\$ 7,458.00	\$ 5.75	\$ 7,147.25
6 .	Supply and install 24 volt valve wire per plans, details and specifications. #12 ga. wire	13193	L.F.	\$ 0.37	\$ 4,881.41	\$ 0.15	\$ 1,978.95	\$ 2.00	\$ 26,386.00	\$ 0.21	\$ 2,770.53
	#14 ga. Wire	81218	L.F.	\$ 0.23	\$ 18,680.14	\$ 0.15	\$ 12,182.70	\$ 1.00	\$ 81,218.00	\$ 0.13	\$ 10,558.34

		Hannula Landscaping, Inc.		Landscape Service Professionals		Superior Landscaping & Lawn Service		Vila & Son Landscaping			
		Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost		
7.	Hunter MWS-FR, Mini-weather station with freeze sensor	2	Ea.	\$ 349.00	\$ 698.00	\$ 500.00	\$ 1,000.00	\$ 1,500.00	\$ 3,000.00	\$ 240.00	\$ 480.00
8.	Irrigation main line blow off points. 3" & 1-1/2" SCH 80 Piping & Fittings, 3" & 1-1/2" manual gate valve, valve boxes and other components as per detail	1	Ea.	\$ 345.00	\$ 345.00	\$ 500.00	\$ 500.00	\$ 1,500.00	\$ 1,500.00	\$ 260.00	\$ 260.00
9.	Lateral line piping to be Class 160 PVC pipe - Refer to plan or pipe sizing schematics for sizes. Minimum piping from sprinkler to sprinkler shall be 1". Piping from sprinkler row to sprinkler row shall be 1-1/4". All pipe to be reuse water color coded.			<b>(INCLUDE COST IN SPRINKLER HEAD PRICING)</b>		<b>(INCLUDE COST IN SPRINKLER HEAD PRICING)</b>		<b>(INCLUDE COST IN SPRINKLER HEAD PRICING)</b>		<b>(INCLUDE COST IN SPRINKLER HEAD PRICING)</b>	
10.	0-100 PSI Liquid filled pressure gauge and air valve with adequate Sch 40 pvc tees and outlet reducers at main & submain pressure check points. Provide 1 jumbo size rectangular valve box per assembly	7	Ea.	\$ 181.00	\$ 1,267.00	\$ 200.00	\$ 1,400.00	\$ 75.00	\$ 525.00	\$ 260.00	\$ 1,820.00
11.	4" main line flanged epoxy coated isolation gate valve with non-rising stem Nibco or approved equal	5	Ea.	\$ 968.00	\$ 4,840.00	\$ 800.00	\$ 4,000.00	\$ 150.00	\$ 750.00	\$ 1,041.60	\$ 5,208.00
12.	2.5" main line flanged epoxy coated isolation gate valve with non-rising stem Nibco or approved equal	2	Ea.	\$ 717.00	\$ 1,434.00	\$ 400.00	\$ 800.00	\$ 100.00	\$ 200.00	\$ 687.00	\$ 1,374.00
13.	L.R. Nelson 7644, 1" Quick coupler valve installed within jumbo box	19	Ea.	\$ 255.00	\$ 4,845.00	\$ 200.00	\$ 3,800.00	\$ 200.00	\$ 3,800.00	\$ 226.20	\$ 4,297.80
14.	Toro 220-227-X-5, 1.25:" 220 Series Brass Electric Solenoid Valve with pressure regulator, include a 1.25" Red White 206 Series isolation valve. Install units within a jumbo size valve box per details & plans.	41	Ea.	\$ 604.00	\$ 24,764.00	\$ 450.00	\$ 18,450.00	\$ 320.00	\$ 13,120.00	\$ 509.50	\$ 20,889.50
15.	Toro XP340-HP-XX, Toro XP-300 Series 12" High pop-up multi-stem rotor head body with nozzles as indicated per plan. Refer to plan for patterns & nozzle sizes. With recycled water indicators.	231	Ea.	\$ 84.00	\$ 19,404.00	\$ 80.00	\$ 18,480.00	\$ 120.00	\$ 27,720.00	\$ 49.70	\$ 11,480.70
16.	Toro 570Z-PRX-12P, Toro 570 PRX Series 12" High Pop-Up spray head body with in-riser pressure regulator and X-flow shut-off device. Refer to plan for patterns & nozzle ranges. With recycled water indicators.	271	Ea.	\$ 46.00	\$ 12,466.00	\$ 40.00	\$ 10,840.00	\$ 65.00	\$ 17,615.00	\$ 37.85	\$ 10,257.35
17.	Pressure compensating flood bubbler nozzle on barbed fitting connected to flex line 2 per designated tree. Refer to plan for trees and flows designated.	288	Ea.	\$ 32.00	\$ 9,216.00	\$ 30.00	\$ 8,640.00	\$ 35.00	\$ 10,080.00	\$ 23.90	\$ 6,883.20
	Toro FB-100 series Bubbler 1 GPM (See General Notes for installation and piping)	156	Ea.	\$ 32.00	\$ 4,992.00	\$ 30.00	\$ 4,680.00	\$ 35.00	\$ 5,460.00	\$ 23.90	\$ 3,728.40
	Toro FB-50 series Bubbler .5 GPM (See General Notes for installation and piping)	168	Ea.	\$ 32.00	\$ 5,376.00	\$ 30.00	\$ 5,040.00	\$ 35.00	\$ 5,880.00	\$ 23.90	\$ 4,015.20
	Toro FB-25 series Bubbler .25 GPM (See General Notes for installation and piping)	40	Ea.	\$ 12.00	\$ 480.00	\$ 15.00	\$ 600.00	\$ 9.00	\$ 360.00	\$ 7.75	\$ 310.00
18.	Green color reflective pavement marker. To be installed on top of curb one on each side of median at each valve or group of valves.	931	Ea.	\$ 50.00	\$ 46,550.00	\$ 60.00	\$ 55,860.00	\$ 20.00	\$ 18,620.00	\$ 42.10	\$ 39,195.10
19.	8" HDPE-Class 150 SDR11 Extra molecular weight HDPE irrigation sleeves	327	Ea.	\$ 33.00	\$ 10,791.00	\$ 45.00	\$ 14,715.00	\$ 12.00	\$ 3,924.00	\$ 31.00	\$ 10,137.00
20.	6" HDPE-Class 150 SDR11 Extra molecular weight HDPE irrigation sleeves	1072	Ea.	\$ 19.25	\$ 20,636.00	\$ 35.00	\$ 37,520.00	\$ 8.50	\$ 9,112.00	\$ 24.00	\$ 25,728.00
21.	4" HDPE-Class 150 SDR11 Extra molecular weight HDPE irrigation sleeves	753	Ea.	\$ 12.95	\$ 9,751.35	\$ 30.00	\$ 22,590.00	No Bid	No Bid	\$ 12.00	\$ 9,036.00
22.	2" HDPE-Class 150 SDR11 Extra molecular weight HDPE irrigation sleeves	524	Ea.	\$ 1.26	\$ 660.24	\$ 2.50	\$ 1,310.00	\$ 2.50	\$ 1,310.00	\$ 4.75	\$ 2,489.00
23.	1.25" SCH 40 PVC irrigation wiring sleeves inside other sleeves	136	Ea.	\$ 17.60	\$ 2,393.60	\$ 15.00	\$ 2,040.00	\$ 22.00	\$ 2,992.00	\$ 3.55	\$ 482.80
24.	Installation of OMNI Reuse Locator Balls to be located on 75 foot centers along the bubbler lines located along the roadside.			<b>Subtotal Section IV</b>		\$ 323,546.90		\$ 363,300.00		\$ 272,516.57	

**V. INSTALLED SITE MATERIALS**

- 1. DECORATIVE PAVERS SAND SET ( Includes 10% for waste) 1243 S.F.
- 2. MULCH Eucalyptus Blend 3" Depth, 2 cu.ft bags(Includes 10%) 5473 Bags

**Subtotal Section V**

**TOTAL BASE BID SECTIONS I through V**

**VI. BID ALTERNATES**

- 1. Toro 570Z-PRX-6P, Toro 570 PRX Series 6" High Pop-Up spray head body with rotary nozzles (R18-24). Refer to plan for patterns & nozzle ranges. With recycled water indicators. (Replaces bid items "Irrigation Materials" # 15 & 16) 502 Ea.
- 2. Turf - Bahia seeding 34600 S.F.
- 3. Connect to County provided 2" water meter and backflow. 1 Ea.
- 4. Bermad 910-P 2" Magnetic drive Hydrometer globe mount, 4A inline Filter,15- 3 way, 24 VAC, normally closed bermaid solenoid pilot valve. 2 Ea.
- 5. To include 6-plexshielded 14 awg wire from Bermad to controller. 1148 L.F.
- 6. Collier County to supply topsoil. The county is to supply topsoil during the work week The contractor is responsible for fine grading, for additional weed control to eliminate all weeds during the duration of the installation. Estimated CY 1563 C.Y.
- 7. Collier County to supply topsoil. The county is to supply topsoil during the weekend The contractor is responsible for fine grading, for additional weed control to eliminate all weeds during the duration of the installation. Estimated CY 1563 C.Y.
- 8. Contractor to supply topsoil. Add 5" of top soil to medians. The contractor is responsible for fine grading, for additional weed control to eliminate all weeds during the duration of the installation. Estimated CY 1563 C.Y.
- 9. Locating Existing Slewing 16 HR

**Subtotal Section VI**

**TOTAL BID WITH ALTERNATES SECTIONS I through VI**

		Hannula Landscaping, Inc.		Landscape Service Professionals		Superior Landscaping & Lawn Service		Vila & Son Landscaping	
		Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
		\$ 11.25	\$ 13,983.75	\$ 8.40	\$ 10,441.20	\$ 11.00	\$ 13,673.00	\$ 12.17	\$ 15,127.31
		\$ 4.95	\$ 27,091.35	\$ 5.50	\$ 30,101.50	\$ 4.00	\$ 21,892.00	\$ 4.74	\$ 25,942.02
<b>Subtotal Section V</b>			\$ 41,075.10		\$ 40,542.70		\$ 35,565.00		\$ 41,069.33
<b>TOTAL BASE BID SECTIONS I through V</b>			\$ 544,637.90		\$ 583,356.10		\$ 877,320.53		\$ 515,801.70
		\$ 49.00	\$ 24,598.00	\$ 35.00	\$ 17,570.00	\$ 16.00	\$ 8,032.00	\$ 35.35	\$ 17,745.70
		\$ 0.06	\$ 2,076.00	\$ 0.12	\$ 4,152.00	\$ 0.22	\$ 7,612.00	\$ 0.23	\$ 7,958.00
		\$ 375.00	\$ 375.00	\$ 500.00	\$ 500.00	\$ 3,500.00	\$ 3,500.00	\$ 250.00	\$ 250.00
		\$ 910.00	\$ 1,820.00	\$ 3,000.00	\$ 6,000.00	\$ 600.00	\$ 1,200.00	\$ 770.00	\$ 1,540.00
		\$ 0.58	\$ 665.84	\$ 0.20	\$ 229.60	\$ 4.00	\$ 4,592.00	\$ 2.20	\$ 2,525.60
		\$ 7.10	\$ 11,097.30	\$ 8.00	\$ 12,504.00	\$ 19.00	\$ 29,697.00	\$ 11.89	\$ 18,584.07
		\$ 8.60	\$ 13,441.80	\$ 10.00	\$ 15,630.00	\$ 25.00	\$ 39,075.00	\$ 11.89	\$ 18,584.07
		\$ 37.40	\$ 58,456.20	\$ 37.50	\$ 58,612.50	\$ 34.00	\$ 53,142.00	\$ 11.89	\$ 18,584.07
		\$ 135.00	\$ 2,160.00	\$ 200.00	\$ 3,200.00	\$ 225.00	\$ 3,600.00	\$ 147.25	\$ 2,356.00
<b>Subtotal Section VI</b>			\$ 114,690.14		\$ 118,398.10		\$ 150,450.00		\$ 88,127.51
<b>TOTAL BID WITH ALTERNATES SECTIONS I through VI</b>			\$ 659,328.04		\$ 701,754.20		\$ 1,027,770.53		\$ 603,929.21
<p><b>NOTES: ALL QUANTITIES &amp; MEASUREMENTS LISTED IN THE MATERIALS &amp; WORK BID SCHEDULE ARE PLAN TAKE-OFF ESTIMATES SUBJECT TO FINAL ON-SITE QUANTITY AND/OR MEASUREMENT VERIFICATIONS. REVIEW EXHIBIT H "INTENT OF CONTRACT DOCUMENTS", 1.1 THRU 1.3</b></p>									
Material Manufactures: (Y/N)		Yes		Yes		Yes		Yes	
List of Subcontractors: (Y/N)		Yes		Yes		Yes		Yes	
Statement of Experience of Bidder: (Y/N)		Yes		Yes		Yes		Yes	
Trench Safety Act: (Y/N)		Yes		Yes		Yes		Yes	
Bid Bond: (Y/N)		Yes		Yes		Yes		Yes	
Addendum Acknowledged: (Y/N)		Yes		Yes		Yes		Yes	

Opening Agent: Brenda Brilhart

Witness: Courtney Grosman

This is a preliminary summary of the bids as they were opened and announced at the bid opening. Bid prices have not been verified and are subject to change in the event mathematical errors are discovered during bid review. Other information contained in this summary is also subject to review.