



Date: 1/5/2021  
 Project: 210 DAVIS PARK ROAD  
 Project Location: 210 DAVIS PARK ROAD ST. JHONS COUNTY/FLORIDA SECTION 55- TOWNSHIP 4S SOUTH-RANGE 29E EAST

### Detailed Estimate

| ITEM # | REF. SHEET | DETAIL | CSI SECT | DESCRIPTION                               | QTY.   | WASTAGE | QTY WITH WASTAGE | UNIT | UNIT MATERIAL COST | UNIT LABOR COST | TOTAL MATERIAL COST | TOTAL LABOR COST | UNIT ITEM COST | TOTAL ITEM COST | TRADE COST |
|--------|------------|--------|----------|---|--------|---------|------------------|------|--------------------|-----------------|---------------------|------------------|----------------|-----------------|------------|
|        |            |        | DIV-01   | GENERAL                                   |        |         |                  |      |                    |                 |                     |                  |                |                 | \$ -       |
| 1      |            |        |          | Permit                                    | 1      | 0%      | 1                | LS   |                    |                 |                     |                  |                | \$ -            |            |
| 2      |            |        |          | Supervision                               | 1      | 0%      | 1                | LS   |                    |                 |                     |                  |                | \$ -            |            |
| 3      |            |        |          | Final Cleanup                             | 1      | 0%      | 1                | LS   |                    |                 |                     |                  |                | \$ -            |            |
| 4      |            |        |          | Mobilization Cost                         | 1      | 0%      | 1                | LS   |                    |                 |                     |                  |                | \$ -            |            |
| 5      |            |        |          | Project Overheads                         | 1      | 0%      | 1                | LS   |                    |                 |                     |                  |                | \$ -            |            |
| 6      |            |        |          | Bonds                                     | 1      | 0%      | 1                | LS   |                    |                 |                     |                  |                | \$ -            |            |
| 7      |            |        |          | Fees (Architect & Engineer)               | 1      | 0%      | 1                | LS   |                    |                 |                     |                  |                | \$ -            |            |
| 8      |            |        |          | Temporary Control & Facilities            | 1      | 0%      | 1                | LS   |                    |                 |                     |                  |                | \$ -            |            |
|        |            |        | DIV-31   | EARTHWORK                                 |        |         |                  |      |                    |                 |                     |                  |                |                 | \$ -       |
|        |            |        |          | Grading                                   |        |         |                  |      |                    |                 |                     |                  |                |                 |            |
| 9      |            |        |          | Fill                                      | 27,350 | 20%     | 32,820           | CY   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
|        |            |        | DIV-32   | EXTERIOR IMPROVEMENTS                     |        |         |                  |      |                    |                 |                     |                  |                |                 | \$ -       |
|        |            |        |          | Storm Water Pollution Prevention Plan     |        |         |                  |      |                    |                 |                     |                  |                |                 |            |
| 10     |            |        |          | Silt Fence                                | 2,122  | 10%     | 2,334            | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
| 11     |            |        |          | Flume Protection                          | 153    | 10%     | 168              | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
| 12     |            |        |          | Construction Entrance                     | 1,080  | 10%     | 1,188            | SF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
| 13     |            |        |          | Gutter Buddy                              | 135    | 10%     | 149              | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
| 14     |            |        |          | Barricade                                 | 46     | 10%     | 50               | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
|        |            |        |          | Site Plan                                 |        |         |                  |      |                    |                 |                     |                  |                |                 |            |
|        |            |        |          | Sidewalks                                 |        |         |                  |      |                    |                 |                     |                  |                |                 |            |
| 15     |            |        |          | Sidewalks:<br>-Lime Rock Base             | 11,016 | 10%     | 12,118           | SF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
|        |            |        |          | Standard Duty Asphalt Pavement            |        |         |                  |      |                    |                 |                     |                  |                |                 |            |
|        |            |        |          | 1.5" Top of Pavement                      | 34750  | 10%     | 38,225           | SF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
|        |            |        |          | -6" Limerock Base                         |        |         |                  |      |                    |                 |                     |                  |                |                 |            |
|        |            |        |          | Buffer                                    |        |         |                  |      |                    |                 |                     |                  |                |                 |            |
| 16     |            |        |          | 25' Wide Wetland Buffer                   | 771    | 10%     | 848              | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
|        |            |        |          | Curb                                      |        |         |                  |      |                    |                 |                     |                  |                |                 |            |
| 17     |            |        |          | Curb & Gutter                             | 1,780  | 10%     | 1,958            | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
| 18     |            |        |          | Mountable Curb                            | 114    | 10%     | 126              | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
| 19     |            |        |          | 2' Drop Curb                              | 80     | 10%     | 88               | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
|        |            |        |          | Pipe                                      |        |         |                  |      |                    |                 |                     |                  |                |                 |            |
| 20     |            |        |          | Steel Pipe Guiderail Index 545-080        | 54     | 10%     | 59               | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
|        |            |        |          | Ramp                                      |        |         |                  |      |                    |                 |                     |                  |                |                 |            |
| 21     |            |        |          | Handicap Ramp                             | 193    | 10%     | 213              | SF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
|        |            |        |          | Parking Strips                            |        |         |                  |      |                    |                 |                     |                  |                |                 |            |
| 22     |            |        |          | 4" Single White Solid Line Parking Strips | 1,437  | 10%     | 1,580            | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
| 23     |            |        |          | 24" Crosswalk Striping                    | 48     | 10%     | 53               | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
| 24     |            |        |          | 24" Solid White Stop Bar & 4"/DYSL        | 40     | 10%     | 44               | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
| 25     |            |        |          | 12" Crosswalk Striping                    | 157    | 10%     | 172              | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
|        |            |        |          | Sign                                      |        |         |                  |      |                    |                 |                     |                  |                |                 |            |
| 26     |            |        |          | Monument Sign                             | 1      | 0%      | 1                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
| 27     |            |        |          | Painted Handicap Sign                     | 4      | 0%      | 4                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
|        |            |        |          | Handicap Parking Sign Mounted on Post     |        |         |                  |      |                    |                 |                     |                  |                |                 |            |
| 28     |            |        |          | 7' H Rod W/ Handicap Sign                 | 4      | 0%      | 4                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
| 29     |            |        |          | 7' H Rod W/ Stop Sign                     | 1      | 0%      | 1                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
| 30     |            |        |          | Post Footing                              | 0      | 10%     | 0                | CY   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
|        |            |        |          | Chain Link Fence                          |        |         |                  |      |                    |                 |                     |                  |                |                 |            |
| 31     |            |        |          | 6' Wide Gate                              | 3      | 0%      | 3                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
| 32     |            |        |          | 4' H Black Vinyl Chain Link Fence         | 1,276  | 10%     | 1,404            | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
| 33     |            |        |          | 12' Wide Equipment Gate                   | 1      | 0%      | 1                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | \$ -       |
|        |            |        |          | Post Footing                              |        |         |                  |      |                    |                 |                     |                  |                |                 |            |

C-1.1  
to  
C-1.4

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|--------|------------|--------|----------|---|---------|---------|------------------|------|--------------------|-----------------|---------------------|------------------|----------------|-----------------|------------|
| 34     |            |        |          | 12" Dia Post Footing  | 9       | 20%     | 11               | CY   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 35     |            |        |          | Cut   | 9       | 20%     | 11               | CY   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
|        |            |        |          | <b>Rack</b>   |         |         |                  |      |                    |                 |                     |                  |                |                 |            |
| 36     |            |        |          | 7.5' Wide Bicycle Rack  | 1       | 0%      | 1                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
|        |            |        |          | <b>Bleachers</b>  |         |         |                  |      |                    |                 |                     |                  |                |                 |            |
| 37     |            |        |          | (3-7'x21') Bleachers  | 1       | 0%      | 1                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
|        |            |        |          | <b>STORM DRAINAGE</b>   |         |         |                  |      |                    |                 |                     |                  |                |                 |            |
| 38     |            |        |          | 12" Perforated HDPE Underdrain  | 872     | 10%     | 959              | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 39     |            |        |          | 8" PVC Pipe   | 192     | 10%     | 211              | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 40     |            |        |          | 14"x23" Storm Pipe  | 176     | 10%     | 194              | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 41     |            |        |          | 6" Thick Concrete Weir (3 EA)   | 139     | 10%     | 153              | SF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 42     |            |        |          | 1"x12" Drainage Panel @ 20' O.C (91269 SF)  | 4,590   | 10%     | 5,049            | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 43     |            |        |          | Proposed Segmental Block Retaining Wall (147LF, 2.5'H)  | 368     | 10%     | 405              | SF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 44     |            |        |          | Nyloplast H-10 Light Duty 12" Square Yard Drain   | 2       | 0%      | 2                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 45     |            |        |          | 12" WYE Fitting   | 8       | 0%      | 8                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 46     |            |        |          | 8" WYE Fitting  | 1       | 0%      | 1                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 47     |            |        |          | 6" Clean Out  | 9       | 0%      | 9                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 48     |            |        |          | 5'x5' Rip Rap Pad   | 3       | 0%      | 3                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 49     |            |        |          | 5'x10' Rip Rap Pad  | 1       | 0%      | 1                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 50     |            |        |          | 4'x8' Rip Rap Pad   | 4       | 0%      | 4                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 51     |            |        |          | 3'x22' Rip Rap Pad  | 1       | 0%      | 1                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 52     |            |        |          | 3'x7' Rip Rap Pad   | 1       | 0%      | 1                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 53     |            |        |          | 3'x5' Rip Rap Pad   | 1       | 0%      | 1                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
|        |            |        |          | <b>UTILITY</b>  |         |         |                  |      |                    |                 |                     |                  |                |                 |            |
| 54     |            |        |          | 6" PVC Sanitary Sewer   | 96      | 10%     | 106              | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 55     |            |        |          | 1" Poly Water Service   | 118     | 10%     | 130              | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 56     |            |        |          | 1" Poly Reclaim Water Service   | 103     | 10%     | 113              | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 57     |            |        |          | 1.25" PVC Forcemain   | 23      | 10%     | 25               | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 58     |            |        |          | 4" PVC Forcemain  | 92      | 10%     | 101              | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 59     |            |        |          | 2-4" Schedule 40 PVC Electrical Conduits  | 292     | 10%     | 321              | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 60     |            |        |          | Sanitary Sewer Cleanout   | 2       | 0%      | 2                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 61     |            |        |          | 1" Domestic Water Meter   | 1       | 0%      | 1                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 62     |            |        |          | 1" RPZBFP Valve   | 1       | 0%      | 1                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 63     |            |        |          | 4"x1.25" Reducer  | 1       | 0%      | 1                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 64     |            |        |          | Private Jea Pump Out Assembly   | 1       | 0%      | 1                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 65     |            |        |          | 1" Reclaimed Water Meter  | 1       | 0%      | 1                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 66     |            |        |          | 4" PVC 45 Degree Bend   | 2       | 0%      | 2                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
|        |            |        |          | <b>DEMOLITION</b>   |         |         |                  |      |                    |                 |                     |                  |                |                 |            |
| 67     |            |        |          | TREES TO BE REMOVED   | 33      | 0%      | 33               | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
|        |            |        |          | <b>CLEARING AND GRUBBING</b>  |         |         |                  |      |                    |                 |                     |                  |                |                 |            |
| 68     |            |        |          | Total area for clearing and grubbing  | 256,875 | 10%     | 282,563          | SF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 69     |            |        |          | 6" Stripping cut  | 4,757   | 10%     | 5,233            | CY   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
|        |            |        |          | <b>LANDSCAPING</b>  |         |         |                  |      |                    |                 |                     |                  |                |                 |            |
|        |            |        |          | <b>TREES</b>  |         |         |                  |      |                    |                 |                     |                  |                |                 |            |
| 70     |            |        |          | Red Maple   | 41      | 0%      | 41               | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 71     |            |        |          | Dahoon Holly  | 8       | 0%      | 8                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 72     |            |        |          | Dynamite Myrtle   | 11      | 0%      | 11               | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 73     |            |        |          | Muskoggee Crape Myrtle  | 12      | 0%      | 12               | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 74     |            |        |          | Sweetbay Mangolia   | 16      | 0%      | 16               | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 75     |            |        |          | Dura Heat River Birch   | 9       | 0%      | 9                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 76     |            |        |          | Live Oak  | 24      | 0%      | 24               | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
|        |            |        |          | <b>GROUND COVER &amp; SHRUBS</b>  |         |         |                  |      |                    |                 |                     |                  |                |                 |            |
| 77     |            |        |          | Florida Anise   | 166     | 0%      | 166              | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 78     |            |        |          | Inkberry  | 536     | 0%      | 536              | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 79     |            |        |          | Summer Sunset Jasmine   | 1,296   | 0%      | 1,296            | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 80     |            |        |          | Society Garlic  | 433     | 0%      | 433              | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 81     |            |        |          | Coontie   | 42      | 0%      | 42               | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 82     |            |        |          | Muhly Grass   | 686     | 0%      | 686              | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 83     |            |        |          | MRS. Schiller's Delight   | 276     | 0%      | 276              | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
| 84     |            |        |          | Saw Palmetto  | 50      | 0%      | 50               | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |
|        |            |        |          | <b>IRRIGATION</b>   |         |         |                  |      |                    |                 |                     |                  |                |                 |            |
| 85     |            |        |          | Rain Bird RD-06-P30-F-NP-U 15 Strip Series Turf Spray, 6.0" Pop-up W/ 30 PSI in-stem pressure regulation, Flow-Shield Technology and Non-Potable Cover (Purple Cap), 1/2" NPT Female Threaded Inlet | 8       | 0%      | 8                | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            | -          |

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|--------|------------------|--|----------|--|--------|---------|------------------|------|--------------------|-----------------|---------------------|------------------|----------------|-----------------|------------|------|--|
| 86     | IR-1.0 to IR-5.1 | SCHEDULE ON IR-5.0   |          | Rain Bird RD-06-P30-F-NP-U HE-VAN Series Turf Spray, 6.0" Pop-up W/ 30 PSI in-stem pressure regulation, Flow-Shield Technology and Non-Potable Cover (Purple Cap). 1/2" NPT Female Threaded Inlet  | 37     | 0%      | 37               | EA   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            |            |      |  |
| 87     |                  |  |          | Hunter AFB Adjustable Flow Bubbler, 1/2" FIPT, Stainless Steel Screw Adjustment.   | 176    | 0%      | 176              | EA   |                    |                 |                     | \$ -             | \$ -           | \$ -            | \$ -       |      |  |
| 88     |                  |  |          | Rain Bird F4-PC, FC-NP Turf Rotor, 4.0" Pop-up, Plastic Riser, Adjustable and Full Circle with Removeable Seal-A-Matic Check Valve, 1" Female Threaded Inlet with Non-Potable Purple Cover   | 4      | 0%      | 4                | EA   |                    |                 |                     | \$ -             | \$ -           | \$ -            | \$ -       |      |  |
| 89     |                  |  |          | Rain Bird F4-PC, FC-NP Turf Rotor, 4.0" Pop-up, Plastic Riser, Adjustable and Full Circle with Removeable Seal-A-Matic Check Valve, 1" Female Threaded Inlet with Non-Potable Purple Cover   | 46     | 0%      | 46               | EA   |                    |                 |                     | \$ -             | \$ -           | \$ -            | \$ -       |      |  |
| 90     |                  |  |          | Rain Bird XCZ-150-LCDR High Flow Control Zone Kit for Large Comercial Drip Zones. 1-1/2" PESB-R Scrubber Globe Valve w Single 1-1/2" Pressure Regulating Quick-Check Basket Filters Flow Range 15-62 GPM                                   | 8      | 0%      | 8                | EA   |                    |                 |                     | \$ -             | \$ -           | \$ -            | \$ -       |      |  |
| 91     |                  |  |          | Rain Bird MDCFPCAP Dripline Flush Valve Purple Cap in Compression Fitting Coupler. For Non-Potable Water Use.  | 20     | 0%      | 20               | EA   |                    |                 |                     |                  | \$ -           | \$ -            | \$ -       | \$ - |  |
| 92     |                  |  |          | Rain Bird OPERIND Drip System Operation Indicator, Stem Rise, 6" for Clear Visibility when Drip System is Charged to a Minimum of 20 PSI. Includes 16" of 1/4" Distribution Tubing with Connection Fitting Pre-Installed.                  | 15     | 0%      | 15               | EA   |                    |                 |                     |                  | \$ -           | \$ -            | \$ -       | \$ - |  |
| 93     |                  |  |          | Rain Bird XP-0600X DRIP MICRO-SPRAY Low-Volume, Low-Pressure, Drip 6.0" Pop-up Spray, 1/4" Barbed Inlet. Nozzle Options: SQ Series, 5 MPR Series, 8 MPR Series, and 5 Series Plastic Bubbler.  | 74     | 0%      | 74               | EA   |                    |                 |                     |                  | \$ -           | \$ -            | \$ -       | \$ - |  |
| 94     |                  |  |          | Area to Receive Dripline Rain Bird XFD-09-12-NP XFD on Surface Pressure Compensating Landscape Dripline  | 17,062 | 10%     | 18,768           | LF   |                    |                 |                     |                  | \$ -           | \$ -            | \$ -       | \$ - |  |
| 95     |                  |  |          | Rain Bird PESBR 11 1", 1-1/2", and 2" Durable Chlorine-Resistant Valves for Reclaimed Water Applications. With Scrubber Mechanism Technology, and Purple Flow Control Handle.  | 11     | 0%      | 11               | EA   |                    |                 |                     |                  | \$ -           | \$ -            | \$ -       | \$ - |  |
| 96     |                  |  |          | Rain Bird 44-NP 1" Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Locking Non-Potable Purple Rubber Cover, and 2-Piece Body.   | 8      | 0%      | 8                | EA   |                    |                 |                     |                  | \$ -           | \$ -            | \$ -       | \$ - |  |
| 97     |                  |  |          | Matco-Norca 759 Brass Shut Off Ball Valve, 1/2" to 4". Two Piece Body, Blow-Out Proof Stem, Chrome Plated Solid Brass Ball, Threaded, with PTFE Seats. Same size as mainline pipe  | 4      | 0%      | 4                | EA   |                    |                 |                     |                  | \$ -           | \$ -            | \$ -       | \$ - |  |
| 98     |                  |  |          | Rain Bird PESB 2" 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration. With Scrubber Technology for Reliable Performance in Dirty Water Irrigation Applications.                                  | 1      | 0%      | 1                | EA   |                    |                 |                     |                  | \$ -           | \$ -            | \$ -       | \$ - |  |
| 99     |                  |  |          | Hunter ACC-1800-PP 18 Station Outdoor Modular Controller. With one ACM-600 module. High-End Commercial Use. Plastic Pedestal   | 1      | 0%      | 1                | EA   |                    |                 |                     |                  | \$ -           | \$ -            | \$ -       | \$ - |  |
| 100    |                  |  |          | Hunter ROAMLX-KIT Transmitter and Receiver. Roam Remote allows for controller operation up to 2 miles. Contractor, Large-Scale Sites. Works with Hunter ACC, I-Core, Pro-C, PCC, and X-Core Controllers. SmartPort wiring harness included | 1      | 0%      | 1                | EA   |                    |                 |                     |                  | \$ -           | \$ -            | \$ -       | \$ - |  |
| 101    |                  | Hunter WSS-SEN Wireless Solar, rain freeze sensor with outdoor interface, connects to Hunter X-Core and ACC Controllers, install as noted. Includes gutter mount bracket. Module not included  | 1        | 0%   | 1      | EA      |                  |      |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            |            |      |  |
| 102    |                  | Hunter HFS-300 Flow Sensor for use with ACC controller, 3" Schedule 40 Sensor Body, 24 VAC, 2 amp  | 1        | 0%   | 1      | EA      |                  |      |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            |            |      |  |
| 103    |                  | Water Meter 2" contractor shall be responsible to verify the source's ability to service the system requirements at site before starting construction.   | 1        | 0%   | 1      | EA      |                  |      |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            |            |      |  |
| 104    |                  | Irrigation Lateral Line: PVC Class 200 SDR 21-NP Only lateral transition pipe sizes 1" and above are indicated on the plan, with all others being 3/4" in size. Install 12" below final grade.   | 8305     | 10%  | 9,136  | LF      |                  |      |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            |            |      |  |
| 105    |                  | Irrigation Mainline: PVC Class 200 SDR 21-NP Pipe sizes 3" inch or smaller shall have bell and socket joints. Pipe sizes larger than 3" inch shall have snap connections w/ rubber gasket joints, thrust blocked. Install 18" below grade. | 1515     | 10%  | 1,667  | LF      |                  |      |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            |            |      |  |

| ITEM #                     | REF. SHEET | DETAIL | CSI SECT | DESCRIPTION  | QTY. | WASTAGE | QTY WITH WASTAGE | UNIT | UNIT MATERIAL COST | UNIT LABOR COST | TOTAL MATERIAL COST | TOTAL LABOR COST | UNIT ITEM COST | TOTAL ITEM COST | TRADE COST |
|----------------------------|------------|--------|----------|--|------|---------|------------------|------|--------------------|-----------------|---------------------|------------------|----------------|-----------------|------------|
| 106                        |            |        |          | Pipe Sleeve: PVC Schedule 40<br>Irrigation sleeves shall be Schedule 40 PVC pipe up to 4" pipe and CL200 for 6" and above. The depth of the sleeves shall be a minimum 30" cover from finished grade (top of asphalt) under roadway crossings and 24" under all sidewalks and hardscapes | 235  | 10%     | 259              | LF   |                    |                 | \$ -                | \$ -             | \$ -           | \$ -            |            |
| <b>SUB TOTAL</b>           |            |        |          |  |      |         |                  |      |                    |                 |                     |                  |                | \$ -            | \$ -       |
| <b>INSURANCE</b>           |            |        |          |  |      |         |                  |      | 0%                 |                 |                     |                  | \$ -           | \$ -            |            |
| <b>OVERHEAD AND PROFIT</b> |            |        |          |  |      |         |                  |      | 20%                |                 |                     |                  | \$ -           | \$ -            |            |
| <b>TOTAL BASE BID</b>      |            |        |          |  |      |         |                  |      |                    |                 |                     |                  |                | \$ -            | \$ -       |