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BOARD OF COUNTY COMMISSIONERS ESCAMBIA COUNTY, FLORIDA

ENGINEERING DEPARTMENT
CONSTRUCTION MANAGEMENT DIVISION

PLANS PROPOSED FOR

OLIVE ROAD STREET IMPROVEMENT PROJECT

(PALAFOX STREET TO DAVIS HIGHWAY)

SOLICITATION ID: PD 20-21.052

LANDSCAPE PLANS

100% PLANS OCTOBER 2024 NOT ISSUED FOR CONSTRUCTION

No 01742 * STATE OF CAPE ARCHITICAL ACTION ACTION ACTION CAPE ARCHITICAL CAPE ARCHIT

PLANS PREPARED BY:



MOFFATT & NICHOL 100 N. SPRING STREET, SUITE 2 PENSACOLA, FL 32502 (850) 815-3040 CERTIFICATE OF AUTHORIZATION NO.: 4877

COMMISSIONERS

DISTRICT ONE JEFF BERGOSH

DISTRICT TWO MIKE KOHLER

DISTRICT THREE LUMON MAY

DISTRICT FOUR (VACANT)

DISTRICT FIVE STEVEN BARRY, CHAIRMAN

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SIGNATURE MUST BE VERIFIED IN THE ELECTRONIC DOCUMENTS.

BRUCE BRODSKY, R.L.A. L.A. NO.: 01742 100 N SPRING ST, SUITE 2 PENSACOLA, FL 32502 (850) 845 0323

	SHEET
	LD-1
PROJECT MANAGER:	PHONE NUMBER
OMER R. EACRET	850-595-3562
SECTION / TOWNSHIP / RANGE:	DISTRICT:
18, 20, & 21 / 1S / 30W	3 & 4
PROJECT LANDSCAPE ARCHITECT:	REG FLA LA NO:
BRUCE BRODSKY, RLA	01742
SIGNATURE:	DATE:

2. Written dimensions shall take precedence over scaled dimensions. The Contractor shall verify and be responsible for all dimensions and conditions on the job. The owner's representative shall be notified of any variation from the dimensions and conditions shown on the plans.

3. The Establishment Period for watering and maintenance by the Contractor shall be 365 days. The Contractor shall request an Establishment Period Inspection at the end of the 365 day Establishment Period. A representative from Escambia County who is responsible for maintenance shall be in attendance at the establishment period inspection.

4. Landscape materials shall be adjusted in the field to avoid conflicts with any (proposed or existing to remain) utility structures, drainage structures, ditches, under drains, ditch blocks, storm water management facilities, paving, drainage discharge paths, signage, overhead and underground utilities, lighting and their appurtenances. The Contractor shall not install the proposed improvements if a conflict exists. Any costs to remove and/or repair work installed that has not been approved by the owner's representative shall be at the Contractor's expense.

5. The Contractor shall not bring any hazardous materials onto the project site. Should the Contractor require such for performing contracted work, the Contractor shall request, in writing, permission from the owner's representative in advance. The Contractor shall provide the owner's representative with a copy of the Material Safety Data Sheet (MSDS) for each hazardous material proposed for use. The owner's representative shall coordinate with the County prior to issuing written approval to the Contractor. Because State Law does not treat petroleum products that are properly containerized and intended for equipment use as a hazardous material, such products do not need a MSDS submittal. Any known or suspected hazardous material found on the project by the Contractor shall be immediately reported to the owner's representative, who shall direct the Contractor to protect the area of known or suspected contamination from further access. The owner's representative is to notify the County of the discovery. The County will arrange for investigation, identification and remediation of the hazardous material. The Contractor shall not return to the area of contamination until approval is provided by the owner's representative.

6. No bare earth areas shall be visible after completion of the work. Sod all disturbed areas that are not landscaped/mulched or hardscaped with Pensacola Bahia Grass. The contractor shall verify the sod quantity prior to bidding.

7. Landscape improvements shall be installed by the Contractor per the latest edition of FDOT Maintenance Supplemental Specification 580, and any Planting Specifications provided with the construction documents.

8. The Contractor shall insure that, prior to moving on site, all equipment which last operated in areas known to be infested with noxious weeds is free of soil, seeds, vegetative matter, or other debris that could contain or hold seeds.

9. Quantities on Landscape Plan are minimum only. Contractor is responsible for their own quantity take-off, and shall provide all plant material required to fill plant bed area at spacing shown on plant schedule.

10. The Site Contractor shall strip and stockpile topsoil in a sufficient quantity to be able to respread the topsoil to a depth of 6" within all landscaped and turfed areas prior to any landscape and/or turf installation. If sufficient topsoil is not available for respreading, the Landscape Contractor shall provide topsoil as necessary, in accordance with the latest edition of FDOT Standard Specifications 987. The topsoil used in the planting operation shall be a natural, friable, fine loam soil. It shall be certified to be free of weed seeds and pathogens. It shall also be free of litter, sod, clay, stones, roots and stumps. It shall have a pH between 6.0 to 7.0.

11. Planting for all plant material and staking for all trees shall be in accordance with the latest edition of FDOT Standard Plans Index 580.

PLANTING BED PREPARATION

1. All planting areas shall be stripped of all existing vegetation unless otherwise noted on the plans.

2. All planting areas shall then be treated with herbicide to assure that weeds will be controlled prior to planting. Herbicide instructions shall be followed as to treatment dilution, mix, application, and time periods between applications as applicable to assure weeds are eliminated from the planting beds prior to commencing planting. Herbicide treatment shall be in accordance with guidelines provided by the FDOT for chemical control.

3. All soil amendments shall be added to the planting areas and thoroughly incorporated into the soil prior to commencing final grading and installation.

The following operations shall be performed by the Contractor during the 365 Day Maintenance Period for all of the landscape and turf area installed per the plans. The Contractor shall assume responsibility for the proper maintenance, survival and condition of all landscape items for a period of one year after the final acceptance of all installation work under the contract. At a minimum, maintenance shall occur weekly from April through October, and twice a month from November through March. The contractor shall inculde this 365-Day maintenance within their bid.

1. Mowing: It is the responsibility of the contractor to mow the contract area on a cycle sufficient to maintain the turf at a height between 3" to 4". Hand cutting around obstructions (signs, headwalls, light poles, and like items) and litter pickup shall be incidental to the mowing performed each cycle. The last cycle of mowing shall be performed after the final cleanup of the project.

2. Fertilizer: During the establishment period, based on plant growth monitoring and soil analysis.

3. Weeding/Edging:

Weeding - All planting areas shall remain weed free during the establishment period. Manual removal of weeds is preferable to control by herbicide.

Edging - Mechanically edge all planting beds that are adjacent to paving and turf areas at every mowing cycle.

4. Herbicides/Pesticides:
a. All personnel involved in the chemical program are to receive proper training and follow the operating guidelines provided by FDOT for chemical control. Contact the local County Agricultural Extension Service for additional information regarding herbicides, pesticides and required licenses.

b. Remove mechanically or by herbicide treatment all invasive exotic species (including aquatics) found during the establishment period.

c. Provide plant material insect and disease control inspections continually during the establishment period and treat as necessary.

5. Pruning: Prune all plants as necessary to maintain proper form, health and vigor during the establishment period.

6. Mulch (3" depth settled):
a. At all trees outside of a planting bed (if applicable), a 6 foot diameter ring of pine straw mulch shall be maintained; and in all planting beds, pine straw mulch shall be maintained continually.

b. Replenish pine straw mulch (1.5 inches depth) one month before the end of the establishment period.

7. Irrigation: Temporary irrigation shall be required during the establishment period for all trees and turf. It shall be maintained to provide sufficient water to ensure plant material health during the establishment period.

8. Litter Pick-Up: During the establishment period, ensure litter pickup regularly.

9. Staking: Contractor shall maintain all tree staking for the duration of the establishment period. Contractor shall remove all aboveground tree staking upon final acceptance at the end of the establishment period.

10. 1-Year Option: Based upon the Contractor's maintenance performance during the 365 Day Establishment Period, the County may exercise a 1-Year Option for continued maintenance services by the Contractor.

OLIVE ROAD STREET
IMPROVEMENT PROJECT
GENERAL NOTES



AMBIA

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- 1. The landscape contractor shall be responsible for attending a pre-bid meeting during which installation specifications, installation requirements, schedules, and maintenance requirements will be discussed.
- 2. The landscape installation must be properly sequenced with other construction so that proposed and existing landscape and irrigation is not damaged by other work/trades (and vice versa).
- 3. The contractor must submit a temporary irrigation plan for approval prior to the start of any construction.
- 4. The contractor shall verify the existence of and stake all utilities prior to construction. Excavation of plant pits located within 5' of utilities shall be performed by hand. Any utility/plant material conflicts shall be brought to the attention of the owner's representative prior to installation or any field adjustments.
- 5. The contractor shall supply all plant materials in quantities sufficient to complete the plantings shown on all drawings. All plants shall meet size, container, and spacing specifications as shown in the plant schedule. The contractor shall guarantee plant health and survivability for one year from date of project acceptance by the owner's representative. Any material not meeting specifications or displaying poor health shall be replaced at contractor's expense within 2 weeks of notice.
- 6. All plant material shall be Florida No. 1 or better (unless otherwise noted) as set forth in "Grades and Standards for Nursery Plants", State of Florida, latest edition. Notify the owner's representative a minimum of one week prior to plant delivery to schedule on-site inspection upon delivery. Installed plant material not meeting specifications shall be removed and replaced at contractor's expense. All plants must be brought to the site free of weeds. Additionally, the contractor shall provide the owner's representative with representative plant photos to approve for all plant materials prior to any plant delivery. Measuring sticks shall be shown in photos, as appropriate.
- 7. All plant materials indicated with a gallon size shall be container grown and within a container appropriate for the plant size. Root bound plants shall not be accepted. No substitutions shall be permitted without prior approval of the owner's representative.
- 8. The owner's representative reserves the right to make planting bed field changes to accommodate site conditions and to achieve the design intent. The landscape contractor shall flag all tree and bedline locations for approval by the owner's representative prior to any installation.
- 9. Dig planting pits at 1.5 times the diameter of the pot. Fill plant pit with approved planting mix and compact so that the top of root ball will settle to the proper level relative to finish grade. Set plant and fill remainder of hole with planting mix. Fertilize each plant with the approved type and rate of fertilizer. Water in thoroughly. Reset any plants that settle too deep. Remove spoil soil and rake the bed to its finish grade. Cover all bed areas with 3" mulch depth. Remove all debris from the mulch. Water bed thoroughly. If/where applicable, each newly planted tree not within a shrub/groundcover bed shall be centered within a layer of mulch 6' in diameter and 3" depth (settled). All pine straw shall be from the 'improved slash' pine tree with a minimum needle length of eight inches.
- 10. The landscape contractor shall conduct representative soil analysis prior to the installation of any plant material. The landscape contractor shall notify the owner's representative of any improper soil condition (nutritional deficiencies, wetness, muck, debris, etc.) and shall recommend for approval, prior to installation, all soil amendments that may be necessary to promote healthy, vigorous plant growth.
- 11. The landscape contractor shall repair or replace any existing vegetation intended to remain that is disturbed by plant material installation activities. This repair/replacement shall blend seamlessly with the existing landscape.
- 12. The landscape contractor shall coordinate with all other trades (and plans), as necessary, in preparing planting areas, including final grade elevations.
- 13. All plant material must be planted immediately upon delivery to the site and watered in (by hand if the irrigation system is not functioning properly). Any plant material not installed within 6 hours of delivery to the site must be stored in an approved, protected holding area and shall be watered as necessary to maintain plant health and quality.
- 14. The landscape contractor shall notify the owner's representative a minimum of 48 hours prior to completion to schedule a final walk through. A final walk through shall not be performed if previous punch lists are not completed.
- 15. The landscape contractor shall be responsible for maintaining all plantings until final acceptance by the owner's representative. This maintenance includes keeping beds free of debris, weeds, diseases, and infestations. The landscape contractor shall also be responsible for providing sufficient water to the plants during this time.
- 16. The landscape contractor shall supply the owner's representative with as-built drawings in AutoCAD or Microstation format (2020 version or later) within 30 days of project acceptance.
- 17. Refer to current FDOT Standard Specifications and Design Standard Indicies, the General Notes, and the Specifications for additional requirements. Where conflicts exist, the more stringent standards and specifications shall apply.

PROPOSED PLANT SCHEDULE								
TREES								
64	СМ	LAGERSTROEMIA X INDICA "TONTO"	TONTO CRAPE MYRTLE	15 GAL; 5' - 6' HT, 3 - 5 TRUNKS				
GROUND COVER								
213 SY		MULCH		3" DEPTH PINE STRAW				

OLIVE ROAD STREET
IMPROVEMENT PROJECT



CANDSCAPE DETAILS

V FI ORIDA	IDA	MOFFATT & NICHOL 100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502	CT: DSK V			PHONE NUMBER:	(850) 845-0323		
	Y, FLOR		OLA, FLORIDA 3250	LANDSCAPE ARCHITECT: RRIICE BRODSKY			REG. FLA. L.A. NO.: PHONE NUMBER:	01742	
	ESCAMBIA COUNTY, FLORIDA	MOFFATT & NICHOL	T, SUITE 2, PENSAC	CHECKED BY:	JH	DISTRICT:	3 & 4	SECTION / TOWNSHIP / RANGE:	18, 20, & 21 / 1S / 30W
	MBIA	MOF	SPRING STREE	DESIGNED BY:		PROJECT MANAGER: DISTRICT:	DENISE C. BREWER 3 & 4	SECTION	18, 20, & 3
	ESCA]		100 N	BY: DESI	AW	PROJ	024 DEN	OK / PAGES:	























