

TASK ORDER APPROVAL FORM

CONTRACT #: C20-2948-PW

TASK ORDER #: Task 1 Phase 2

TASK ORDER AMOUNT: \$ 87,500

**CONTRACT #: C20-2948-PW
NUE URBAN CONCEPTS, LLC.
MOBILITY PLAN IMPLEMENTATION
EXPIRES: 07/20/2022 W/(1) 1 YR RENEWAL**

OFFERED BY CONSULTANT:

NUE Urban Concepts, LLC
FIRM'S NAME

Jonathan B. Paul, AICP
REPRESENTATIVE'S PRINTED NAME

Jonathan B. Paul
SIGNATURE

Principal 02/01/2022
TITLE DATE

**RECOMMENDED FOR APPROVAL
(Department Director)**

[Signature]
SIGNATURE

Finance Works Dir.
TITLE

2/17/22
DATE

**APPROVED BY OKALOOSA COUNTY
(Per Purchasing Manual) Table 1**

Digitally signed by Jeffrey A Hyde
Date: 2022.02.17 11:18:13 -06'00'
Jeffrey A Hyde
PURCHASING MANAGER

DATE

Digitally signed by Faye Douglas
Date: 2022.02.17 13:46:05 -06'00'
Faye Douglas

OMB DIRECTOR/DATE

DATE

John Hofstad Digitally signed by John Hofstad
Date: 2022.02.17 15:19:42 -06'00'

COUNTY ADMINISTRATOR (if applicable)

DATE

CHAIRMAN (if applicable)

DATE

**OKALOOSA COUNTY
MOBILITY PLAN & FEE DEVELOPMENT
TASK WORK ORDER**



Task Word Order: Task 1 Phase 2: MULTIMODAL DATA COLLECTION
Contract No.: C20-2948-PW
Date: February 1st, 2022

Task 1.2.1: MULTIMODAL DATA COLLECTION

NUE Urban Concepts (NUC) will collect current traffic characteristics data for functionally classified County and State arterial, collector, and major local roads from the County, FDOT, and the TPO. The data will include road limits, number of travel lanes, AADT, speed limits, LOS Standards, functional classification, maintenance entity, presence, type and width of medians, type, percentage of coverage, and width of multimodal off-street facilities (e.g., sidewalks, shared-use paths) and multimodal on-street facilities (e.g., bike lanes, paved shoulders).

Task 1.2.2: EXISTING ROAD CONDITIONS EVALUATION

NUE Urban Concepts will evaluate the existing traffic conditions to identify existing backlogged facilities and determine if there are existing areawide system deficiencies based on areawide LOS standards. The evaluation will include a segment-by-segment and areawide roadway LOS analysis using the FDOT Generalized Tables Service Volumes based on existing and if applicable, proposed LOS standards. The existing conditions evaluation will also prepare a baseline analysis for street quality of service (QOS) based on posted speed limits. AADT counts will be grown to 2022 conditions based on model growth factors.

Task 1.2.3: DEVELOPMENT OF SERVICE STANDARDS

NUE Urban Concepts will identify any necessary amendments to existing road level of service (LOS) standards and develop recommendations for the establishment of areawide roadway level of service (LOS) standards. NUC will also develop recommendations for establishing street quality of service (QOS) standards based on posted speed limits, and multimodal Quality of Service (QOS) standards for off-street and on-street multimodal facilities and transit service. The LOS and QOS service standards may vary based on rural, transitioning, and urbanized areas.

Task 1.2.4: ESTABLISH BASELINE MULTIMODAL CONDITIONS:

NUE Urban Concepts will utilize the multimodal data collected under Task 2.1 and the QOS standards established in Task 2.2 to evaluate existing conditions for off-street and on-street multimodal facilities and transit service. NUC will establish baseline multimodal QOS conditions for functionally classified County and State arterials and collectors. The baseline analysis will also include existing mode share data based on the most recent American Community Survey.

NUE URBAN CONCEPTS, LLC

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Task 1.2.5: IDENTIFY EXISTING FUNDED AND UNFUNDED MULTIMODAL PROJECTS:

NUE Urban Concepts will compile existing funded and unfunded multimodal projects recommended by County Staff and those included in the County surtax project list. NUE Urban Concepts will also compile needs and cost feasible multimodal projects established by the Okaloosa Walton TPO 2045 Long Range Transportation Plan. A map and table of the multimodal projects will be prepared. These mobility projects will be reviewed in conjunction with County Staff to identify any projects that should be excluded.

Task 1.2.6: ESTABLISH TYPES OF MULTIMODAL PROJECTS:

NUE Urban Concepts will coordinate with Staff to identify the types of needed multimodal projects. Typical projects such as sidewalks, shared use paths and new roads are common. Increasingly, local governments are identifying the need to provide designated and either on-street or separated lanes and ways for micromobility devices (e.g., electric bike {e-bike}, electric scooters {e-scooter}) and microtransit vehicles (e.g., golf-carts, neighborhood electric vehicle {NEW}, autonomous transit shuttles {ATS}). Multimodal projects may also include intersections, high visibility mid-block crossings with advanced warning devices, protected and high visibility crosswalks at intersections. Mobility hubs may also be considered as multimodal projects to serve as safe, connected, and convenient destinations for bicycles, micromobility devices, microtransit vehicles, and rideshare programs (e.g., Uber, Lyft) to come together and allow for efficient transitions between modes.

Task 1.2.7: IDENTIFY NEEDED MULTIMODAL PROJECTS & GAPS IN THE MULTIMODAL SYSTEM:

NUE Urban Concepts will identify needed multimodal projects based on future vehicle and person miles of travel demand from the regional travel demand model. NUC will calculate future roadway LOS, areawide LOS, and segment and areawide future vehicle miles of travel (VMT) / vehicle miles of capacity (VMC) ratios based on projecting 2045 AADT utilizing growth rates from the regional travel demand model. NUC will also identify multimodal projects to close gaps in the multimodal network. A map and table of the needed multimodal projects and gaps in the multimodal system will be prepared. These multimodal projects will be reviewed in conjunction with County Staff to identify any multimodal projects that should be excluded.

Task 1.2.8: MULTIMODAL PROJECT COST:

NUE Urban Concepts will prepare cost estimates for multimodal projects. The cost for the proposed multimodal projects will be based on the most recent and localized data as required by Florida Statute. The cost should include factors such as planning, design, right-of-way, utility relocation, streetscape and landscape, stormwater, construction, engineering, and inspection.

Okaloosa County Board of County Commissioners
 Mobility Plan & Mobility Fee Development
 February 1st, 2022

Task 1.2.9: ESTABLISH MULTIMODAL CAPACITIES:

NUE Urban Concepts will calculate multimodal capacities for multimodal projects based on the LOS and QOS standards in task 2.3 to ensure multimodal projects are adequate to accommodate future travel demand and new development is not charged more than its fair share.

- Deliverables:**
- (1) Existing Conditions Analysis
 - (2) Baseline Multimodal Conditions
 - (3) Identify Multimodal Projects
 - (4) Establish Multimodal Project Cost & Capacity

Schedule: Anticipated deadline for this task work order is no later than May 31st, 2022, subject to periodic review.

The fee for this scope of services is a not-to-exceed amount of \$87,500. The following are the hours and cost allocated for each task in this scope of service:

Task	Description	Hours	Cost
1.2.1	MULTIMODAL DATA COLLECTION	90	\$15,750
1.2.2	EXISTING ROAD CONDITIONS EVALUATION	55	\$9,625
1.2.3	DEVELOPMENT OF SERVICE STANDARDS	25	\$4,375
1.2.4	ESTABLISH BASELINE MULTIMODAL CONDITIONS	55	\$9,625
1.2.5	IDENTIFY EXISTING FUNDED & UNFUNDED MULTIMODAL PROJECTS	60	\$10,500
1.2.6	ESTABLISH TYPES OF MULTIMODAL PROJECTS	20	\$3,500
1.2.7	IDENTIFY NEEDED MULTIMODAL PROJECTS & GAPS IN THE SYSTEM	70	\$12,250
1.2.8	ESTABLISH MULTIMODAL PROJECT COST	65	\$11,375
1.2.9	ESTABLISH MULTIMODAL CAPACITIES	60	\$10,500
Total		500	\$87,500

Prepared by:

Jonathan B. Paul
 Jonathan B. Paul, AICP
 NUE Urban Concepts, Principal

Acceptance:

Jason Autrey
 Jason Autrey, Director of Public Works