

# City of Palm Coast Agenda COUNCIL WORKSHOP

City Hall 160 Lake Avenue Palm Coast, FL 32164 www.palmcoastgov.com

Mayor Milissa Holland Vice Mayor Nick Klufas Council Member Eddie Branquinho Council Member Robert G. Cuff Council Member Jack D. Howell, II

Tuesday, February 12, 2019 9:00 AM CITY HALL

City Staff Beau Falgout, Interim City Manager William Reischmann, City Attorney Virginia A. Smith, City Clerk

- > Public Participation shall be in accordance with Section 286.0114 Florida Statutes.
- > Other matters of concern may be discussed as determined by City Council.
- > If you wish to obtain more information regarding the City Council's agenda, please contact the City Clerk's Office at 386-986-3713.
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- > All pagers and cell phones are to remain OFF while City Council is in session.
- A CALL TO ORDER
- B PLEDGE OF ALLEGIANCE TO THE FLAG
- C ROLL CALL
- D PUBLIC PARTICIPATION
- **E PRESENTATIONS** 
  - 1 PRESENTATION FLORIDA PARK DRIVE TRAFFIC/ENVIRONMENT STUDY
- F WRITTEN ITEMS
  - 2 RESOLUTION 2019-XX APPROVING THE STATEWIDE MUTUAL AID AGREEMENT
  - 3 RESOLUTION 2019-XX APPROVAL OF THE STATE HOUSING INITIATIVES PARTNERSHIP (SHIP) PROGRAM LOCAL HOUSING ASSISTANCE PLAN FOR FY 2020 TO 2022

City of Palm Coast Created on 2/12/19

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- 4 RESOLUTION 2019-XX APPROVING A CONTRACT WITH WELCH TENNIS COURTS, INC., FOR THE RESURFACING OF THE TENNIS CENTER COURTS
- 5 RESOLUTION 2019-XX APPROVING A RIGHT-OF-WAY ACQUISITION WITH PALM COAST RE LLC FOR THE OLD KINGS ROAD N WIDENING PROJECT
- **G** PUBLIC PARTICIPATION
- H DISCUSSION BY CITY COUNCIL OF MATTERS NOT ON THE AGENDA
- I DISCUSSION BY CITY ATTORNEY OF MATTERS NOT ON THE AGENDA
- J DISCUSSION BY CITY MANAGER OF MATTERS NOT ON THE AGENDA
  - 6 DISCUSSION UPDATE STATUS OF FEMA REIMBURSEMENT
- K ADJOURNMENT
  - 7 CALENDAR/WORKSHEET
  - **8 ATTACHMENTS TO MINUTES**

City of Palm Coast Created on 2/12/19

## City of Palm Coast, Florida Agenda Item

Agenda Date :02/12/2019

Department COMMUNITY Amount

DEVELOPMENT

Item Key 5996 Account #

Subject PRESENTATION - FLORIDA PARK DRIVE TRAFFIC/ENVIRONMENT STUDY

#### Background:

The FY2019 City Council Strategic Action Plan includes a performance measure to engage an external consultant to identify options through a traffic engineering study to address traffic concerns on Florida Park Drive. During previous City Council discussions, City Council also requested that further analysis of air quality be included in future discussions. Clty staff engaged a consultant team to develop a proposal that would provide options to address the City Council adopted performance measure along with further analysis of air quality along Florida Park Drive. City staff and the consultant team will present an overview of past actions taken related to this performance measure along with a possible scope of services and options to move forward.

#### **Recommended Action:**

Presentation and direction by City Council.

#### City of Palm Coast Scope of Services Florida Park Drive Corridor Study

**Road Name: Florida Park Drive** 

**County: Flagler** 

Project Location: From Palm Coast Pkwy (WB) to Palm Harbor Pkwy

#### 1. Phase One - Existing Conditions

#### Task 1.1: Existing Data Collection

This task includes the assembly and review of existing traffic count data for intersections, arterial segments and vehicle classification. Eight (8) five-hour (8 to 10 AM & 3 to 6 PM) intersection traffic counts (to include truck and pedestrian counts) will be conducted at the locations identified above. Existing signal timing data will also be collected and incorporated into the analysis. The Consultant will collect the following traffic counts:

### 24-hour volume/classification counts will be collected by the Consultant at the following locations:

- 1. Florida Park Drive from Palm Harbor Pkwy to Forest Hill Drive
- 2. Florida Park Drive from Forest Hill Drive to Fleetwood Drive
- 3. Florida Park Drive from Fleetwood Drive to Farragut Drive
- 4. Florida Park Drive from Farragut Drive to Palm Coast Pkwy Westbound
- 5. Florida Park Drive from Palm Coast Pkwy Westbound to Palm Coast Pkwy Eastbound

### Peak-period turning movement counts will be collected by the Consultant at the following Intersections:

- 1. Florida Park Drive at Palm Coast Pkwy (WB) (8 to 10 AM & 3 to 6 PM)
- 2. Florida Park Drive at Farrington Lane (8 to 10 AM & 3 to 6 PM)
- 3. Florida Park Drive at Farragut Drive (8 to 10 AM & 3 to 6 PM)
- 4. Florida Park Drive at Fleetwood Drive (8 to 10 AM & 3 to 6 PM)
- 5. Florida Park Drive at Foster Lane (8 to 10 AM & 3 to 6 PM)
- 6. Florida Park Drive at Forest Hill Dr (8 to 10 AM & 3 to 6 PM)
- 7. Florida Park Drive at Franklin Way (8 to 10 AM & 3 to 6 PM)
- 8. Florida Park Drive at Palm Harbor Pkwy (8 to 10 AM & 3 to 6 PM)

#### **Task 1.2: Design Characteristics**

Assemble and review existing travel characteristics from the FDOT Roadway Characteristics Inventory (RCI) database that include the FDOT Standard K factor, directional distribution factor (D) and truck factor (T24/Tpeak) on Palm Coast Parkway. Existing travel characteristics (D, T24/Tpeak) obtained from the traffic count data collected for this study will be compared to the factors taken from the RCI database. Design characteristics for use in the development of design traffic volumes will be recommended. These design factors will also be used to prepare the operational analysis.

#### Task 1.3: Develop Existing Design Traffic

The recommended Annual Average Daily Traffic (AADT) will be developed by adjustment of existing traffic counts with the most current seasonal and axle adjustment factors for the study corridor, if necessary.

#### Task 1.4: Quality/Level of Service Analysis

Existing operational analysis will be performed using the most current adopted procedures outlined in the 2010 Highway Capacity Manual (HCM), or latest edition. Highway Capacity Software (HCS) will be used to evaluate intersection level of service (HCM 2010 procedures) and roadway segment level of service.

#### 2. Phase Two - Alternatives Evaluation

#### Task 2.1: Neighborhood meetings

The consultant will be required to hold two (2) neighborhood meetings. The first meeting will be held to discuss and document resident concerns prior to conducting the study. A second meeting will be held to discuss recommendations from the study.

It will also be required for the Consultant to attend and present at (3) City Council meetings and as needed.

#### Task 2.2: Travel Demand Modeling

The most recent adopted Central Florida Regional Planning Model (CFRPM) travel demand model will be utilized to evaluate measures to reduce pass through traffic along Florida Park Drive. The CFRPM model will be refined and validated in the project subarea to include the study corridor. The validation will be conducted to reflect 2010 base conditions using the latest 2010 Socio-Economic (SE) Data.

The Consultant will review the existing traffic analysis zone (TAZ) structure of the CFRPM for appropriateness in this study, and recommend and implement any changes as needed to ensure the travel demand model is sensitive to the alternatives being evaluated. The Consultant will refine the land use data within these new TAZs through coordination with the County or review of aerials or other base maps. Local collector facilities and above will also be coded into the model.

The 2010 base model will be validated to traffic counts as available, including parameters such as volume to count ratios and origin destination data. Any changes to Area Type & Facility Type (AT/FT) coding will be coordinated with City staff. If validation cannot be reached via reasonable modifications of traditional roadway parameters, the Consultant will coordinate with the City and discuss ways to proceed with available information.

The validated model will be utilized to determine the percentage of trips utilizing Florida Park Drive as a pass-through.

The consultant will prepare a minimum of three alternatives to model potential changes to Florida Park Drive and the surrounding local roadways. The alternatives will be discussed with City Staff before analysis is conducted.

The following roadways will be evaluated in the analysis of the modeling:

- Florida Park Dr
- Clubhouse Dr
- Palm Coast Pkwy
- Old Kings Rd
- Palm Harbor Pkwy
- Fellowship Dr
- Farmsworth Dr
- Frontier Dr
- Fleetwood Dr
- Farragut Dr

#### Task 2.3: Quality/Level of Service Analysis

Arterial analysis for the three alternatives will be prepared using the FDOT Quality/Level of Service for the roadways listed in Task 2.2.

#### 3. Deliverables

#### Task 3.1: Relevant Project Data

- Traffic count data files/documentation.
- Existing speeds, design AADT and intersection turning movement counts/estimates.
- Alternative speeds, AADTs and peak hour intersection turning movement volumes.
- Options and a recommendation to reduce pass-through trips along the corridor with estimated traffic impacts on all streets in the study area for each option.

#### Task 3.2: Reports

For this study, the Consultant will provide the City with an electronic draft copy of the Technical Memorandum, One (1) final signed and sealed copy of the Technical Memorandum and one (1) DVD-ROM.

Draft Report Due Date: To Be Determined at NTP Report Due Date: To Be Determined at NTP

#### 4. QA/QC

#### Task 4.1: QA/QC

Throughout this project, the Consultant will ensure the accuracy of all products submitted to the City through the use of the Consultant's Quality Assurance/Quality Control Procedures.

QA/QC final review will be annotated on the Consultant's Letter of Transmittal, in the remarks section, that the final product(s) have been reviewed for quality assurance and were found to meet the Department's quality standards. The reviewer will initial their approval prior to final delivery.

#### 5. COORDINATION

#### **Task 5.1: Project Coordination**

Throughout the study, key Consultant staff will be available to meet and discuss project-related issues. It is anticipated that two (2) technical meetings with the City's Project Manager will be required.

Additionally, the Consultant will schedule a meeting with the City for the review and discussion/approval at each of the following task milestones;

- (Task 1.2) Design Characteristics
- (Task 2.1) Neighborhood Meetings
- (Task 2.2) Travel Demand Modeling
- (Tasks 2.3) Quality/Level of Service Analysis
- (Task 3.2) Report with Options and Recommendations



January 7, 2019

Mr. R. Sans Lassiter, PE

LTG Engineering & Planning

Subject: Budgetary Proposal – City of Palm Coast

- Florida Park Drive Corridor Study

Dear Mr. Lassiter,

Thank you for giving Montrose Air Quality Services (Montrose) the opportunity to be of services to LTG Engineering & Planning (LTG). Montrose has provided a budgetary cost based on the information supplied by Mr. Lassiter, for the City of Palm Coast evaluation of Florida Park Drive Corridor Study. Montrose will supply a formal proposal upon request once additional information is available to provide a more detailed guidance document with specifications for all project is formalized.

This initial budgetary information assumes a cost range for each identified phase based on our understanding of the project. It is understood that based on the result of the initial Phase 1 Baseline evaluation, the City of Palm Coast will evaluate and decide on whether to proceed to Phase 2.

#### **Phase 1: Base Line Monitoring Study**

\$ 35,000 - 50,000

- 3 Roadway Sampling collection locations for 1 week each monitoring; CO, PM, PM2.5, PM10 Services may include but not limited to a temporary monitoring station, mobile monitoring station, ambient gas monitors, meteorological station, temporary power services, daily data collection (possibly remotely), data review, final reporting, and data presentation to client.

#### **Phase 2: Modeling Study**

\$ 15,000 - 30,000

- Develop mobile emissions on the roadway using EPA recommended MOVES model.

The emissions from the MOVES model will be used in the EPA recommended AERMOD modeling system to predict ambient concentrations at receptors close to the roadway.

Montrose appreciates the opportunity to offer our services to your project and looks forward to working with you. If you should have any questions, please contact us as needed.

#### Sincerely,

**Montrose Air Quality Services** 

D. Lynn Beane

Regional Vice President – East Region

cc: Mr. Dean Barcenas, Mr. Tommy Sweat, Mr. Santosh Chandru, Ms. Katrina Bagwell

		Project	Project				
Task Descriptions	Principal	Manager		Engineer	Planner	Admin	Total
1. Phase One - Existing Conditions	4						4
Task 1.1 - Data Collection	4	0.5					4
Obtain Historical County from City		0.5			1		1.5
Collect Daily Classification Counts by Segment		0.5			2		2.5
Collect AM and PM Peak Turning Movement Counts		0.5		_	2		2.5
Obtain Crash Data			1	4	_		5
Identify Attributes of a Minor Arterial as Compared to Actual Conditions		2			4		6
Identify Changed Roadway Conditions Since Prior Study		1	4				
Impact of New Interchange							
Impact of Old Kings Rd Ext							
Impact of Palm Harbor Pkwy Ext to Matanzas Woods Pkwy							
Task 1.2 - Design Characteristics	1	2	4				7
Task 1.3 - Develop Existing Design Data		2	4	8			14
Task 1.4 - Quality/Level of Service Analysis		4					4
Daily Capacity Analysis			2		4		6
AM and PM Peak-Hour Analysis			3		6		9
Crash Data Review							
Summarize			2	6			8
Analyze Data	1		4				5
Documentation							
Draft	2	4	2		6	2	16
Review with Staff	2	2					4
Finalize	1	2	1		4	2	10
2. Phase Two - Alternatives Evaluations							
Task 2.1 - Neighborhood Meetings			Include	ed under Me	etings		
Task 2.2 - Travel Demand Modeling	4				_		4
Determine Historical Growth Rates			0.5	2			2.5
Develop Model		2					2
Refine Study Area - Existing Base Year (2015)							
Refine TAZ Structure (to Model Cut-Through Roads)			4		8		12
Refine Road Network to add Cut-Through Roads			4		8		12
Subdivide Base Year S/E data to New Zones			2		4		6
Subdivide 2040 S/E data to New Zones			1		2		3
Model Assessment		2					2
Run Base Year Model and Compare with 2015 Counts			1		2		3
Run 2040 Model			_		_		•
Compare with Original 2040 Model Results			2				2
Compare with Growth Projections			2				2

Task Descriptions	Principal	Project Manager	Project Engineer	Engineer	Planner	Admin	Total
			2		4		6
Develop Subarea Growth Rates from S/E Data Growth	1	2	2		4		6
Discuss Urban Form Changes due to DRIs	1	2					3
Identify Alternatives State-of-the-Art Literature Research on Neighborhood Street Calming/Diversion Statistics		2	2		8		12
Develop Three Alternatives	2				0		6
Street Calming	2	4	2		4		6
Introduction of 4-Way Stops			2		4		6
Street Closure (requires model run) (Assume two test locations - 2 runs)	2	4			4		6
Recode Network	2	4	4		8		12
Run Model			4		8		12
Document Diversion in Model			4		8		12
Apply Appropriate Diversion Traffic Volumes			2		4		6
Task 2.3 - Qualtiy Level of Service Analysis			2		4		O
Evaluate Existing Conditions Plus Three Alternatives - Existing Traffic Volumes							
Run Moel (4 Times)			4		8		
Traffic Flow/Cut-Through Traffic Reduction			4	8			28
Speed			4	8	_		12
Impact on Emissions (increased traffic vs. stops and starts)			2				10
Evaluate Existing Conditions Plus Three Alternatives - Buildout Traffic Volumes							
Run Model (4 Times)			4		8		
Traffic Flow/Cut-Through Reduction			4	8	16		28
Speed			4	8			12
Impact on Emissions (increased traffic vs. stops and starts)			2	8			10
Task 3.0 - Deliverables							
Task 3.1 - Relevant Project Data							
Traffic Count Data Files/Documentation							
Traffic count data files/documentation	2	4	2	6	8	2	24
Existing speeds, AADT and intersection turning movement counts							
Alternative speeds, AADT and intersection turning movement estimates							
Options and recommendations to reduce pass-through trips along the corridor							
with estimated traffic impacts on streets in the study area for each option							
Task 3.2 - Reports							
Draft	1	4	8	4	12	2	31
Review with Staff	2	2					4
Revise Draft	0.5	1	4	2	4	1	12.5
Review with Council	2	2					4
Finalize	0.5	1	4	2	4	1	12.5

		Project	Project				
Task Descriptions	Principal	Manager	Engineer	Engineer	Planner	Admin	Total
Task 4 - QA/QC	3	5	6	5	10	1	30
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Task 5 - Coordination							
Kick-Off Meeting with Staff	2	2					4
Neighborhood Meetings							
Initial Neighborhood Meeting	4	4			4		12
Presentation of Study Results	2	2			2		6
Staff Presentations							
Draft Presentation of Data Collection and Existing Conditions Update	3	3					6
Draft Results Presentation							
Travel Demand Modeling	2	2					4
Quality/Level of Service Analysis	2	2					4
Draft Report with Options and Recommendations	2	2					4
Council Presentations							
Workshop Presentations (2)	4	4					8
Council Presentations							
Workshop Presentation	3	3					6
Draft Results Presentation	4	4					8
Final presentation	4	4					8
Total Staff Hours	63	87.5	117.5	87	193	11	559
Billing Rates	· ·	\$ 140	\$ 100				
otal Professional Fees	\$ 13,230	\$ 12,250	\$ 11,750	\$ 6,960	\$ 15,440	\$ 605	\$ 60,235
Direct Costs	Туре	Locations	\$/Loc	Cost			
Classification Counts (7-day, Each Direction, 5 Locations)	7D Clas, Bi	5	\$ 610				
TMCs - AM & PM, 8 Locations, 1 Day)	4HrTMC	8	\$ 400	\$ 3,200			
This fill a fill, 5 bootions, 1 buy,	711111110	J	7 -100	7 3,200			
			Subtotal	\$ 6,250			\$ 6,250

GRAND TOTAL \$ 66,485

## City of Palm Coast, Florida Agenda Item

Agenda Date : 02/12/2019

Department<br/>Item KeyCITY CLERK<br/>5983Amount<br/>Account

#

Subject RESOLUTION 2019-XX APPROVING THE STATEWIDE MUTUAL AID

**AGREEMENT** 

#### Background:

Florida is vulnerable to a wide range of disasters that are likely to cause the disruption of essential services and the destruction of the infrastructure needed to deliver those services. Such disasters are likely to exceed the capability of any one local government to cope with the emergency with existing resources.

This Agreement is between the Florida Division of Emergency Management, the City of Palm Coast, and all other communities in the State of Florida. The Emergency Management Act, Chapter 252, provides each local government of the state the authority to develop and enter into mutual aid agreements within the state for reciprocal emergency aid and assistance in case of emergencies too extensive to be dealt with unassisted, and through such agreements to ensure the timely reimbursement of costs incurred by the local governments which render such assistance. Pursuant to Chapter 252, the Division has the authority to coordinate assistance between local governments during emergencies and to concentrate available resources where needed.

In the event of an emergency or threatened emergency, a Participating Party to this agreement may invoke assistance by requesting it from any other Participating Party, or from the Division if, in the judgment of the Requesting Party, its own resources are inadequate to meet the emergency.

#### **Recommended Action:**

Adopt Resolution 2019-XX approving the Statewide Mutual Aid Agreement

## RESOLUTION 2018 - STATEWIDE MUTUAL AID

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PALM COAST ADOPTING THE STATEWIDE MUTUAL **AGREEMENT: AUTHORIZING** THE DESIGNEE, TO **EXECUTE** MANAGER, OR AGREEMENT; **PROVIDING** FOR SEVERABILITY. PROVIDING FOR CONFLICTS, **PROVIDING** IMPLEMENTING ACTIONS, AND PROVIDING **EFFECTIVE DATE** 

WHEREAS, the State of Florida Emergency Management Act, Chapter 252, Florida Statutes, authorizes the State and its political subdivisions to provide emergency aid and assistance in the event of a disaster or emergency and

WHEREAS, the statutes also authorize the State to coordinate the provision of any equipment, services, or facilities owned or organized by the State or its political subdivisions for use in the affected area upon the request of the duly constituted authority of the area; and

**WHEREAS**, this Resolution authorizes the request, provision, and receipt of interjurisdictional mutual assistance in accordance with the Emergency Management Act, Chapter 252, Florida Statutes, among political subdivisions within the State; and

**WHEREAS,** this agreement will maximize the prompt, full and effective use of resources of all participating governments in the event of an emergency or disaster.

## NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF PALM COAST, FLORIDA:

SECTION 1. APPROVAL OF AGREEMENT. The City Council of the City of Palm Coast, hereby approves the terms and conditions of a contract with the State of Florida Emergency Management for Statewide Mutual Aid, as attached hereto and incorporated herein by reference as Exhibit "A."

**SECTION 2. AUTHORIZATION TO EXECUTE.** The City Manager, or designee, is hereby authorized to execute any necessary documents.

**SECTION 3. SEVERABILITY.** If any section or portion of a section of this Resolution proves to be invalid, unlawful, or unconstitutional, it shall not be held to invalidate or impart the validity, force or effect of any other section or part of the Resolution.

**SECTION 4. CONFLICTS.** All resolutions or parts of resolutions in conflict with this Resolution are hereby repealed.

**SECTION 5. IMPLEMENTING ACTIONS.** The City Manager is hereby authorized to take any actions necessary to implement the action taken in this Resolution.

**SECTION 6. EFFECTIVE DATE.** This Resolution shall become effective immediately upon its adoption by the City Council.

**DULY PASSED AND ADOPTED** by the City Council of the City of Palm Coast, Florida, on the 19th day of February 2019.

	CITY OF PALM COAST, FLORIDA
ATTEST:	MILISSA HOLLAND, MAYOR
VIRGINIA A. SMITH, CITY CLERK	
Attachment: Exhibit A –Statewide Mutual A	id Agreement
Approved as to form and legality	
William E. Reischmann, Jr., Esq.	
City Attorney	



#### DIVISION OF EMERGENCY MANAGEMENT

RICK SCOTT

Governor

Director

#### STATEWIDE MUTUAL AID AGREEMENT

This Agreement is between the FLORIDA DIVISION OF EMERGENCY MANAGEMENT ("Division") and the local government signing this Agreement (the "Participating Parties"). This agreement is based on the existence of the following conditions:

- A. The State of Florida is vulnerable to a wide range of disasters that are likely to cause the disruption of essential services and the destruction of the infrastructure needed to deliver those services.
- B. Such disasters are likely to exceed the capability of any one local government to cope with the emergency with existing resources.
- C. Such disasters may also give rise to unusual technical needs that the local government may be unable to meet with existing resources, but that other local governments may be able to offer.
- D. The Emergency Management Act, Chapter 252, provides each local government of the state the authority to develop and enter into mutual aid agreements within the state for reciprocal emergency aid and assistance in case of emergencies too extensive to be dealt with unassisted, and through such agreements to ensure the timely reimbursement of costs incurred by the local governments which render such assistance.
- E. Pursuant to Chapter 252, the Division has the authority to coordinate assistance between local governments during emergencies and to concentrate available resources where needed.

Based on the existence of the foregoing conditions, the parties agree to the following:

#### ARTICLE I.

**<u>Definitions.</u>** As used in this Agreement, the following expressions shall have the following meanings:

- A. The "Agreement" is this Agreement, which shall be referred to as the Statewide Mutual Aid Agreement ("SMAA").
  - B. The "Division" is the Division of Emergency Management
- C. The "Participating Parties" to this Agreement are the Division and any and all special districts, educational districts, and other local and regional governments signing this Agreement.
- D. The "Requesting Parties" to this Agreement are Participating Parties who request assistance during an emergency.
- E. The "Assisting Parties" to this Agreement are Participating Parties who render assistance in an emergency to a Requesting Party.
- F. The "State Emergency Operations Center" is the facility designated by the State Coordinating Officer to manage and coordinate assistance to local governments during an emergency.
- G. The "Comprehensive Emergency Management Plan" is the biennial Plan issued by the Division in accordance with § 252.35(2)(a), Florida Statutes.
- H. The "State Coordinating Officer" is the official whom the Governor designates, by Executive Order, to act for the Governor in responding to a disaster, and to exercise the powers of the Governor in accordance with the Executive Order, Chapter 252, Florida Statutes, and the State Comprehensive Emergency Management Plan.
- I. The "Period of Assistance" is the time during which any Assisting Party renders assistance to any Requesting Party in an emergency, and shall include both the time necessary for the resources and personnel of the Assisting Party to travel to the place specified by the Requesting Party and the time necessary to return them to their place of origin or to the headquarters of the Assisting Party.
- J. A "special district" is any local or regional governmental entity which is an independent special district within the meaning of section 189.012(3), Florida Statutes, regardless of whether established by local, special, or general act, or by rule, ordinance, resolution, or interlocal agreement.

K. An "educational district" is any school district within the meaning of section 1001.30, Florida Statutes and any community school and state university within the meaning of section 1000.21, Florida Statutes.

L. An "interlocal agreement" is any agreement between local governments within the meaning of section 163.01(3)(a), Florida Statutes.

M. A "local government" is any educational district or any entity that is a "local governmental entity" within the meaning of section 11.45(1)(e), Florida Statutes.

N. Any expressions not assigned definitions elsewhere in this Agreement shall have the definitions assigned them by the Emergency Management Act.

#### ARTICLE II.

Applicability of the Agreement. A Participating Party may request assistance under this Agreement for a "major" or "catastrophic disaster" as defined in section 252.34, Florida Statutes. If the Participating Party has no other mutual aid agreement that covers a "minor" disaster or other emergencies too extensive to be dealt with unassisted, it may also invoke assistance under this Agreement for a "minor disaster" or other such emergencies.

#### ARTICLE III.

**Invocation of the Agreement.** In the event of an emergency or threatened emergency, a Participating Party may invoke assistance under this Agreement by requesting it from any other Participating Party, or from the Division if, in the judgment of the Requesting Party, its own resources are inadequate to meet the emergency.

A. Any request for assistance under this Agreement may be oral, but within five (5) calendar days must be confirmed in writing by the County Emergency Management Agency of the Requesting Party, unless the State Emergency Operations Center has been activated in response to the emergency for which assistance is requested.

- B. All requests for assistance under this Agreement shall be transmitted by County Emergency Management Agency of the Requesting Party to either the Division, or to another Participating Party. If the Requesting Party transmits its request for Assistance directly to a Participating Party other than the Division, the Requesting Party and Assisting Party shall keep the Division advised of their activities.
- C. The Division shall relay any requests for assistance under this Agreement to such other Participating Parties as it may deem appropriate, and shall coordinate the activities of the Assisting Parties so as to ensure timely assistance to the Requesting Party. All such activities shall be carried out in accordance with the State's Comprehensive Emergency Management Plan.
- D. Nothing in this Agreement shall be construed to allocate liability for the costs of personnel, equipment, supplies, services and other resources that are staged by the Division, or by other agencies of the State of Florida, for use in responding to an emergency pending the assignment of such personnel, equipment, supplies, services and other resources to an emergency support function/mission. The documentation, payment, repayment, and reimbursement of all such costs shall be rendered in accordance with the Comprehensive Emergency Management Plan, and general accounting best practices procedures and protocols.

#### ARTICLE IV.

Responsibilities of Requesting Parties. To the extent practicable, all Requesting Parties seeking assistance under this Agreement shall provide the following information to the Division and the other Participating Parties. In providing such information, the Requesting Party may use Form B attached to this Agreement, and the completion of Form B by the Requesting Party shall be deemed sufficient to meet the requirements of this Article:

- A. A description of the damage sustained or threatened;
- B. An identification of the specific Emergency Support Function or Functions for which such assistance is needed;

- C. A description of the specific type of assistance needed within each Emergency Support Function:
- D. A description of the types of personnel, equipment, services, and supplies needed for each specific type of assistance, with an estimate of the time each will be needed;
  - E. A description of any public infrastructure for which assistance will be needed;
- F. A description of any sites or structures outside the territorial jurisdiction of the Requesting Party needed as centers to stage incoming personnel, equipment, supplies, services, or other resources;
- G. The place, date and time for personnel of the Requesting Party to meet and receive the personnel and equipment of the Assisting Party; and
- H. A technical description of any communications or telecommunications equipment needed to ensure timely communications between the Requesting Party and any Assisting Parties.

#### ARTICLE V.

Responsibilities of Assisting Parties. Each Participating Party shall render assistance under this Agreement to any Requesting Party to the extent practicable that its personnel, equipment, resources and capabilities can render assistance. If a Participating Party which has received a request for assistance under this Agreement determines that it has the capacity to render some or all of such assistance, it shall provide the following information to the Requesting Party and shall transmit it without delay to the Requesting Party and the Division. In providing such information, the Assisting Party may use Form B attached to this Agreement, and the completion of Form B by the Assisting Party shall be deemed sufficient to meet the requirements of this Article:

- A. A description of the personnel, equipment, supplies and services it has available, together with a description of the qualifications of any skilled personnel;
- B. An estimate of the time such personnel, equipment, supplies, and services will continue to be available;

- C. An estimate of the time it will take to deliver such personnel, equipment, supplies, and services at the date, time and place specified by the Requesting Party;
- D. A technical description of any communications and telecommunications equipment available for timely communications with the Requesting Party and other Assisting Parties; and
  - E. The names of all personnel whom the Assisting Party designates as Supervisors.
  - F. The estimated costs of the provision of assistance (use FEMA's Schedule of Equipment Rates spreadsheet attached to Form B.)

#### ARTICLE VI.

Rendition of Assistance. After the Assisting Party has delivered its personnel, equipment, supplies, services, or other resources to the place specified by the Requesting Party, the Requesting Party shall give specific assignments to the Supervisor(s) of the Assisting Party, who shall be responsible for directing the performance of these assignments. The Assisting Party shall have authority to direct the manner in which the assignments are performed. In the event of an emergency that affects the Assisting Party, all personnel, equipment, supplies, services and other resources of the Assisting Party shall be subject to recall by the Assisting Party upon not less than five (5) calendar days' notice or, if such notice is impracticable, as much notice as is practicable under the circumstances.

- A. For operations at the scene of *catastrophic* and *major* disasters, the Assisting Party shall to the fullest extent practicable give its personnel and other resources sufficient equipment and supplies to make them self-sufficient for food, shelter, and operations unless the Requesting Party has specified the contrary. For *minor* disasters and other emergencies, the Requesting Party shall be responsible to provide food and shelter for the personnel of the Assisting Party unless the Requesting Party has specified the contrary. In its request for assistance the Requesting Party may specify that Assisting Parties send only self-sufficient personnel or self-sufficient resources.
  - B. Unless the Requesting Party has specified the contrary, it shall to the fullest extent practicable,

coordinate all communications between its personnel and those of any Assisting Parties, and shall determine all frequencies and other technical specifications for all communications and telecommunications equipment to be used.

C. Personnel of the Assisting Party who render assistance under this Agreement shall receive their usual wages, salaries and other compensation, and shall have all the duties, responsibilities, immunities, rights, interests, and privileges incident to their usual employment. If personnel of the Assisting Party hold local licenses or certifications limited to the county or municipality of issue, then the Requesting Party shall recognize and honor those licenses or certifications for the duration of the support.

#### ARTICLE VII.

**Procedures for Reimbursement.** Unless the Division or the Assisting Party, as the case may be, state the contrary in writing, the ultimate responsibility for the reimbursement of costs incurred under this Agreement shall rest with the Requesting Party, subject to the following conditions and exceptions:

- A. In accordance with this Agreement, the Division shall pay the costs incurred by an Assisting Party in responding to a request that the Division initiates on its own, and not for another Requesting Party.
- B. An Assisting Party shall bill the Division or other Requesting Party as soon as practicable, but not later than thirty (30) calendar days after the Period of Assistance has closed. Upon the request of any of the concerned Participating Parties, the State Coordinating Officer may extend this deadline for cause.
- C. If the Division or the Requesting Party protests any bill or item on a bill from an Assisting Party, it shall do so in writing as soon as practicable, but in no event later than thirty (30) calendar days after the bill is received. Failure to protest any bill or billed item in writing within thirty (30) calendar days shall constitute agreement to the bill and the items on the bill and waive the right to contest the bill.
- D. If the Division protests any bill or item on a bill from an Assisting Party, the Assisting Party shall have thirty (30) calendar days from the date of protest to present the bill or item to the original

Requesting Party for payment, subject to any protest by the Requesting Party.

E. If the Assisting Party cannot reach a mutual agreement with the Division or the Requesting Party to the settlement of any protested bill or billed item, the Division, the Assisting Party, or the Requesting Party may elect binding arbitration to determine its liability for the protested bill or billed item in accordance with Section F of this Article.

F. If the Division or a Participating Party elects binding arbitration, it may select as an arbitrator any elected official of another Participating Party, or any other official of another Participating Party whose normal duties include emergency management, and the other Participating Party shall also select such an official as an arbitrator, and the arbitrators thus chosen shall select another such official as a third arbitrator.

G. The three (3) arbitrators shall convene by teleconference or videoconference within thirty (30) calendar days to consider any documents and any statements or arguments by the Department, the Requesting Party, or the Assisting Party concerning the protest, and shall render a decision in writing not later than ten (10) business days after the close of the hearing. The decision of a majority of the arbitrators shall bind the parties, and shall be final.

H. If the Requesting Party has not forwarded a request through the Division, or if an Assisting Party has rendered assistance without being requested to do so by the Division, the Division shall not be liable for the costs of any such assistance. All requests to the Federal Emergency Management Agency (FEMA) for the reimbursement of costs incurred by any Participating Party shall be made by and through the Division.

I. If FEMA denies any request for reimbursement of costs which the Division has already advanced to an Assisting Party, the Assisting Party shall repay such costs to the Division, but the Division may waive such repayment for cause.

#### ARTICLE VIII.

<u>Costs Eligible for Reimbursement</u>. The costs incurred by the Assisting Party under this Agreement shall be reimbursed as needed to make the Assisting Party whole to the fullest extent practicable.

A. Employees of the Assisting Party who render assistance under this Agreement shall be entitled to receive from the Assisting Party all their usual wages, salaries, and any and all other compensation for mobilization, hours worked, and demobilization. Such compensation shall include any and all contributions for insurance and retirement, and such employees shall continue to accumulate seniority at the usual rate. As between the employees and the Assisting Party, the employees shall have all the duties, responsibilities, immunities, rights, interests and privileges incident to their usual employment. The Requesting Party shall reimburse the Assisting Party for these costs of employment.

B. The costs of equipment supplied by the Assisting Party shall be reimbursed at the rental rate established in FEMA's Schedule of Equipment Rates (attached to Form B), or at any other rental rate agreed to by the Requesting Party. In order to be eligible for reimbursement, equipment must be in actual operation performing eligible work. The labor costs of the operator are not included in the rates and should be approved separately from equipment costs. The Assisting Party shall pay for fuels, other consumable supplies, and repairs to its equipment as needed to keep the equipment in a state of operational readiness. Rent for the equipment shall be deemed to include the cost of fuel and other consumable supplies, maintenance, service, repairs, and ordinary wear and tear. With the consent of the Assisting Party, the Requesting Party may provide fuels, consumable supplies, maintenance, and repair services for such equipment at the site. In that event, the Requesting Party may deduct the actual costs of such fuels, consumable supplies, maintenance, and services from the total costs otherwise payable to the Assisting Party. If the equipment is damaged while in use under this Agreement and the Assisting Party receives payment for such damage under any contract of insurance, the Requesting Party may deduct such payment from any item or items billed by the Assisting Party for any of the costs for such damage that may otherwise be payable.

C. The Requesting Party shall pay the total costs for the use and consumption of any and all consumable supplies delivered by the Assisting Party for the Requesting Party under this Agreement. In the case of perishable supplies, consumption shall be deemed to include normal deterioration, spoilage and damage notwithstanding the exercise of reasonable care in its storage and use. Supplies remaining unused shall be returned to the Assisting Party in usable condition upon the close of the Period of Assistance, and the Requesting Party may deduct the cost of such returned supplies from the total costs billed by the Assisting Party for such supplies. If the Assisting Party agrees, the Requesting Party may also replace any and all used consumable supplies with like supplies in usable condition and of like grade, quality and quantity within the time allowed for reimbursement under this Agreement.

D. The Assisting Party shall keep records to document all assistance rendered under this Agreement. Such records shall present information sufficient to meet the audit requirements specified in the regulations of FEMA and any applicable circulars issued by the State of Florida Office of Management and Budget. Upon reasonable notice, the Assisting Party shall make its records available to the Division and the Requesting Party for inspection or duplication between 8:00 a.m. and 5:00 p.m. on all weekdays, except for official holidays.

#### ARTICLE IX.

**Insurance.** Each Participating Party shall determine for itself what insurance to procure, if any. With the exceptions in this Article, nothing in this Agreement shall be construed to require any Participating Party to procure insurance.

A. Each Participating Party shall procure employers' insurance meeting the requirements of the Workers' Compensation Act, as amended, affording coverage for any of its employees who may be injured while performing any activities under the authority of this Agreement, and shall file with the Division a certificate issued by the insurer attesting to such coverage.

B. Any Participating Party that elects additional insurance affording liability coverage for any

activities that may be performed under the authority of this Agreement shall file with the Division a certificate issued by the insurer attesting to such coverage.

- C. Any Participating Party that is self-insured with respect to any line or lines of insurance shall file with the Division copies of all resolutions in current effect reflecting its determination to act as a self-insurer.
- D. Subject to the limits of such liability insurance as any Participating Party may elect to procure, nothing in this Agreement shall be construed to waive, in whole or in part, any immunity any Participating Party may have in any judicial or quasi-judicial proceeding.
- E. Each Participating Party which renders assistance under this Agreement shall be deemed to stand in the relation of an independent contractor to all other Participating Parties, and shall not be deemed to be the agent of any other Participating Party.
- F. Nothing in this Agreement shall be construed to relieve any Participating Party of liability for its own conduct and that of its employees.
- G. Nothing in this Agreement shall be construed to obligate any Participating Party to indemnify any other Participating Party from liability to third parties.

#### ARTICLE X.

General Requirements. Notwithstanding anything to the contrary elsewhere in this Agreement, all Participating Parties shall be subject to the following requirements in the performance of this Agreement:

- A. To the extent that assistance under this Agreement is funded by State funds, the obligation of any statewide instrumentality of the State of Florida to reimburse any Assisting Party under this Agreement is contingent upon an annual appropriation by the Legislature.
- B. All bills for reimbursement under this Agreement from State funds shall be submitted in detail sufficient for auditing purposes. To the extent that such bills represent costs incurred for travel, such bills shall be submitted in accordance with section 112.061, Florida Statutes, and any applicable

requirements for the reimbursement of state employees for travel costs.

- C. All Participating Parties shall allow public access to all documents, papers, letters or other materials subject to the requirements of the Public Records Act, as amended, and made or received by any Participating Party in conjunction with this Agreement.
- D. No Participating Party may hire employees in violation of the employment restrictions in the Immigration and Nationality Act, as amended.
- E. No costs reimbursed under this Agreement may be used directly or indirectly to influence legislation or any other official action by the Legislature of the State of Florida or any of its agencies.
- F. Any communication to the Division under this Agreement shall be sent to the Director, Division of Emergency Management, 2555 Shumard Oak Boulevard, Tallahassee, Florida 32399-2100. Any communication to any other Participating Party shall be sent to the official or officials specified by that Participating Party on Form C attached to this Agreement. For the purpose of this Section, any such communication may be sent by the U.S. Mail, e-mail, or by facsimile.

#### ARTICLE XI.

**Effect of Agreement.** Upon its execution by a Participating Party, this Agreement shall have the following effect with respect to that Participating Party:

- A. The execution of this Agreement by any Participating Party which is a signatory to the Statewide Mutual Aid Agreement of 1994 shall terminate the rights, interests, duties, and responsibilities and obligations of that Participating Party under that agreement, but such termination shall not affect the liability of the Participating Party for the reimbursement of any costs due under that agreement, regardless of whether billed or unbilled.
- B. The execution of this Agreement by any Participating Party which is a signatory to the Public Works Mutual Aid Agreement shall terminate the rights, interests, duties, responsibilities and obligations of that Participating Party under that agreement, but such termination shall not affect the liability of the

Participating Party for the reimbursement of any costs due under that agreement, regardless of whether billed or unbilled.

C. Upon the activation of this Agreement by the Requesting Party, this Agreement shall supersede any other existing agreement between it and any Assisting Party to the extent that the former may be inconsistent with the latter.

D. Unless superseded by the execution of this Agreement in accordance with Section A of this Article, the Statewide Mutual Aid Agreement of 1994 shall terminate and cease to have legal existence after June 30, 2001.

E. Upon its execution by any Participating Party, this Agreement will continue in effect for one (1) year from its date of execution by that Participating Party, and it shall automatically renew each year after its execution, unless within sixty (60) calendar days before that date the Participating Party notifies the Division, in writing, of its intent to withdraw from the Agreement.

F. The Division shall transmit any amendment to this Agreement by sending the amendment to all Participating Parties not later than five (5) business days after its execution by the Division. Such amendment shall take effect not later than sixty (60) calendar days after the date of its execution by the Division, and shall then be binding on all Participating Parties. Notwithstanding the preceding sentence, any Participating Party who objects to the amendment may withdraw from the Agreement by notifying the Division in writing of its intent to do so within that time in accordance with Section E of this Article.

#### ARTICLE XII.

**Interpretation and Application of Agreement**. The interpretation and application of this Agreement shall be governed by the following conditions:

A. The obligations and conditions resting upon the Participating Parties under this Agreement are not independent, but dependent.

B. Time shall be of the essence of this Agreement, and of the performance of all conditions,

obligations, duties, responsibilities, and promises under it.

C. This Agreement states all the conditions, obligations, duties, responsibilities, and promises of the Participating Parties with respect to the subject of this Agreement, and there are no conditions, obligations, duties, responsibilities, or promises other than those expressed in this Agreement.

D. If any sentence, clause, phrase, or other portion of this Agreement is ruled unenforceable or invalid, every other sentence, clause, phrase, or other portion of the Agreement shall remain in full force and effect, it being the intent of the Division and the other Participating Parties that every portion of the Agreement shall be severable from every other portion to the fullest extent practicable. The Division reserves the right, at its sole and absolute discretion, to change, modify, add, or remove portions of any sentence, clause, phrase, or other portion of this Agreement that conflicts with state law, regulation, or policy. If the change is minor, the Division will notify the Participating Party of the change and such changes will become effective immediately; therefore, please check these terms periodically for changes. If the change is substantive, the Participating Party may be required to execute the Agreement with the adopted changes. Your continued or subsequent use of this Agreement following the posting of minor changes to this Agreement will mean you accept those changes.

E. The waiver of any obligation or condition in this Agreement by a Participating Party shall not be construed as a waiver of any other obligation or condition in this Agreement.

NOTE: On February 26, 2018, this Agreement was modified by the Division of Emergency Management. This document replaces the August 20, 2007 edition of the Statewide Mutual Aid Agreement; however, any and all Agreements previously executed shall remain in full force and effect. Any local government, special district, or educational institution which has yet to execute this Agreement should use the February 26, 2018 edition for the purposes of becoming a signatory.

**IN WITNESS WHEREOF**, the Participating Parties have duly executed this Agreement on the date specified below:

#### FOR ADOPTION BY A COUNTY

STATE OF FLORIDA DIVISION OF EMERGENCY MANAGEMENT By: \_\_\_\_\_ Date: Director ATTEST: BOARD OF COUNTY COMMISSIONERS CLERK OF THE CIRCUIT COURT \_\_\_\_COUNTY, STATE OF FLORIDA By: \_\_\_\_\_ Deputy Clerk Chairman Date: Approved as to Form: By: County Attorney

#### FOR ADOPTION BY A CITY

By:	Date:	
ATTEST:	CITY OF	
CITY CLERK	STATE OF FLORIDA	
By:	By:	
Title:	Title:	
	Date:	
	Approved as to Form:	
	By:	

#### FOR ADOPTION BY AN EDUCATIONAL DISTRICT

By:	Date:	
SCHOOL STATE OF FLORIDA		
By:	By:	
Title:	Title:	
	Date:	
	Approved as to Form:	
	By: Attorney for District	

#### FOR ADOPTION BY A COMMUNITY COLLEGE OR STATE UNIVERSITY

STATE OF FLORIDA DIVISION OF EMERGENCY MANAGEMENT By: \_\_\_\_\_ Date: \_\_\_\_\_ Director ATTEST: BOARD OF TRUSTEES OF\_\_\_ COMMUNITY COLLEGE, STATE OF FLORIDA BOARD OF TRUSTEES OF\_ UNIVERSITY, STATE OF FLORIDA By: \_\_\_\_\_ Clerk Chairman Approved as to Form: By: Attorney for Board

#### FOR ADOPTION BY A SPECIAL DISTRICT

By:	Date:
SPECIAL DIST	
By:	By:
	Date:
	Approved as to Form:  By: Attorney for District  19

#### FOR ADOPTION BY AN AUTHORITY

By:	Date:	
ATTEST:	BOARD OF TRUSTEES OF  AUTHORITY, STATE OF FLORIDA	
By:		
	Date: Approved as to Form:  By:	
	Attorney for Board	

#### FOR ADOPTION BY A NATIVE AMERICAN TRIBE

By: Director	Date:	
ATTEST:	TRIBAL COUNCIL OF THE TRIBE OF FLORIDA	
By:	By: Chairman	
	Date: Approved as to Form:	
	By: Attorney for Council	

#### FOR ADOPTION BY A COMMUNITY DEVELOPMENT DISTRICT

STATE OF FLORIDA DIVISION OF EMERGENCY MANAGEMENT By: Director COMMUNITY DEVELOPMENT DISTRICT, STATE OF FLORIDA By: \_\_\_\_\_\_ By: \_\_\_\_\_ Title: \_\_\_\_\_ Title: \_\_\_\_\_ Approved as to Form: Attorney for District Date:

#### **FORM C**

#### CONTACT INFORMATION FOR AUTHORIZED REPRESENTATIVES

Name of Government:	
Mailing Address:	
	Representative Contact Information
Primary Authorized Representative	
Name:	
Title:	
Address:	
Day Phone:	Night Phone:
Facsimile:	Email:
1 <sup>st</sup> Alternate Authorized Representation	ve_
Name:	
Title:	
Address:	
Day Phone:	Night Phone:
Facsimile:	Email:
2 <sup>nd</sup> Alternate Authorized Representat	ive
<del>-</del>	
Name:	
Title:	
Address:	
Day Phone:	Night Phone:
Facsimile:	Email:

\*\*\*PLEASE UPDATE AS ELECTIONS OR APPOINTMENTS OCCUR\*\*\*
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#### SAMPLE AUTHORIZING RESOLUTION FOR ADOPTION OF STATEWIDE MUTUAL AID AGREEMENT

WHEREAS, the State of Florida Emergency Management Act, Chapter 252, authorizes the State and its political subdivisions to provide emergency aid and assistance in the event of a disaster or emergency; and

WHEREAS, the statutes also authorize the State to coordinate the provision of any equipment, services, or facilities owned or organized by the State or it political subdivisions for use in the affected area upon the request of the duly constituted authority of the area; and

WHEREAS, this Resolution authorizes the request, provision, and receipt of interjurisdictional mutual assistance in accordance with the Emergency Management Act, Chapter 252, among political subdivisions within the State; and

NOW, THEREFORE,	be it resolved by
	that in order to maximize the of resources of all participating governments in the event of an eby adopt the Statewide Mutual Aid Agreement which is attached erence.
ADOPTED BY:	
DATE:	
I certify that the forego	oing is an accurate copy of the Resolution adopted by on
BY:	
TITLE:	
DATE:	

Attachme	ent 1				all infor	UAL AID AGR mation except orm B				
PART I			то ве	COMPLE	TED BY	THE REQUES	STING	PARTY		
Date:		Time			HRS			Mission No:		
Point of Con	ntact:		(local)	ephone No:	): 			E-mail address:		
Requesting						Assisting Pa	arty:			
	Requiring Assista		ed (use Part IV for a	additional c						
	e & Time Resource Needed:		<u> </u>	Tudicon a	рисс,			ocation Idress):		
Approximate	red Date/Time Re Released:	sources					(uu	uress).		
Authorized (	Official's Name:				Signatur	·e:				
Title:				Agency:						
PART II			то ве	COMPLI	ETED B\	Y THE ASSIST	ΓING	PARTY		
Contact Pe	erson:		Т	Telephone N	No:			E-mail address:		
Type of As	ssistance Availabl	e:								
Date & Time	ne Resources Avai	ilable					To:			
Location (ad	ddress):		Т							
Approximate	te Total cost for n	nission:	\$			T =			т	
Travel: \$			Personnel: \$			Equipment 8 Materials:	& \$		Contract R	ental: \$
Logistics Re	equired from Req	uesting F	Party Yes		(Provid	de information or	n attac	hed Part IV)	No	
Authorized (	Official's Name:		<del>,</del>			Title:		·		
Date:	Sig	nature:						Local Mission	No:	
PART III			то ве	COMPLE	TED BY	THE REQUES	STING	PARTY		
Authorized Nam						Title:				
Signature:						Agency:				

STATEWIDE MUTUAL AID AGREEMENT  Type or print all information except signatures  Form B (continued)									
	MISCELLANEOUS ITEMS / OTHER MISSION INFORMATION								

Revised: March 2018 Page 2

#### FEMA's SCHEDULE OF EQUIPMENT RATES

## DEPARTMENT OF HOMELAND SECURITY FEDERAL EMERGENCY MANAGEMENT AGENCY

RECOVERY DIRECTORATE PUBLIC ASSISTANCE DIVISION WASHINGTON, DC 20472

The rates on this Schedule of Equipment Rates are for applicant owned equipment in good mechanical condition, complete with all required attachments. Each rate covers all costs eligible under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. § 5121, et seq., for ownership and operation of equipment, including depreciation, overhead, all maintenance, field repairs, fuel, lubricants, tires, OSHA equipment and other costs incidental to operation. Standby equipment costs are not eligible.

Equipment must be in actual operation performing eligible work in order for reimbursement to be eligible. LABOR COSTS OF OPERATOR ARE NOT INCLUDED in the rates and should be approved separately from equipment costs.

Information regarding the use of the Schedule is contained in 44 CFR § 206.228 Allowable Costs. Rates for equipment not listed will be furnished by FEMA upon request. Any appeals shall be in accordance with 44 CFR § 206.206 Appeals.

## THESE RATES ARE APPLICABLE TO MAJOR DISASTERS AND EMERGENCIES DECLARED BY THE PRESIDENT ON OR AFTER SEPTMBER 1, 2017.

	FEMA Code ID		Equipment Desc	cription			
Cost Code	Equipment	Specifications	Capacity or Size	НР	Notes	Unit	2017 Rate
8010	Air Compressor	Air Delivery	41 CFM	to 10	Hoses included.	hour	\$1.51
8011	Air Compressor	Air Delivery	103 CFM	to 30	Hoses included.	hour	\$8.84
8012	Air Compressor	Air Delivery	130 CFM	to 50	Hoses included.	hour	\$11.14
8013	Air Compressor	Air Delivery	175 CFM	to 90	Hoses included.	hour	\$18.39
8014	Air Compressor	Air Delivery	400 CFM	to 145	Hoses included.	hour	\$30.47
8015	Air Compressor	Air Delivery	575 CFM	to 230	Hoses included.	hour	\$48.71
8016	Air Compressor	Air Delivery	1100 CFM	to 355	Hoses included.	hour	\$92.88
8017	Air Compressor	Air Delivery	1600 CFM	to 500	Hoses included.	hour	\$96.96
8040	Ambulance			to 150		hour	\$28.00
8041	Ambulance			to 210		hour	\$40.50
8050	Board, Arrow			to 8	Trailer Mounted.	hour	\$4.43
8051	Board, Message			to 5	Trailer Mounted.	hour	\$11.61
8060	Auger, Portable	Hole Diameter	16 ln	to 6		hour	\$2.14
8061	Auger, Portable	Hole Diameter	18 ln	to 13		hour	\$4.30
8062	Auger, Tractor Mntd	Max. Auger Diameter	36 In	to 13	Includes digger, boom and mounting hardware.	hour	\$3.16
8063	Auger, Truck Mntd	Max. Auger Size	24 ln	to 100	mounting hardware. Add this rate to tractor rate for total	hour	\$34.28
8064	Hydraulic Post Driver			10 .00		hour	\$35.10
8065	Auger	Horizontal Directional Boring Machine	250 X 100	300	DD-140B YR-2003	hour	\$169.40
8066	Auger	Horizontal Directional Boring Machine	50 X 100			hour	\$31.95
8067	Auger, Directional Boring Machine	Auger, Directional Boring Machine				hour	\$36.97
8070	Automobile			to 130	Transporting people.	mile	\$0.535
8071	Automobile			to 130	Transporting cargo.	hour	\$12.32
8072	Automobile, Police			to 250	Patrolling.	mile	\$0.535
8073	Automobile, Police			to 250	Stationary with engine running.	hour	\$15.69
8075	Motorcycle, Police					mile	\$0.505
8076	Automibile - Chevy Trailblazer	6 or 8 cl		285 to 300		hour	\$22.00
8077	Automobile - Ford Expedition	Fire Command Center				hour	\$19.00
8080	All Terrain Vehicle (ATV)	Engine 110cc, 4-Wheel; 20" tyre		6.5-7.5		hour	\$8.20
8081	All Terrain Vehicle (ATV)	Engine 125cc, 4-Wheel; 21" tyre		7.6-8.6		hour	\$8.50
8082	All Terrain Vehicle (ATV)	Engine 150cc, 4-Wheel; 22" tyre		9.0-10.0		hour	\$8.51
8083	All Terrain Vehicle (ATV)	Engine 200cc, 4-Wheel; 24" tyre		12-14.0		hour	\$9.00
8084	All Terrain Vehicle (ATV)	Engine 250cc, 4-Wheel; 24" tyre		15-17		hour	\$9.40

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8085	All Terrain Vehicle (ATV)	Engine 300cc, 4-Wheel; 24" tyre		18-20		hour	\$10.20
8086	All Terrain Vehicle (ATV)	Engine 400cc. 4-Wheel; 25" tyre		26-28		hour	\$11.64
8087	All Terrain Vehicle (ATV)	Engine 450cc, 4-Wheel; 25" tyre		26-28		hour	\$12.40
8088	All Terrain Vehicle (ATV)	Engine 650cc, 4-Wheel; 25" tyre		38-40		hour	\$13.20
8089	All Terrain Vehicle (ATV)	Engine 750cc, 4-Wheel; 25" tyre		44-46		hour	\$14.00
8110	Barge, Deck	Size	50'x35'x7.25'			hour	\$49.10
8111	Barge, Deck	Size	50'x35'x9'			hour	\$58.70
8112	Barge, Deck	Size	120'x45'x10'			hour	\$109.50
8113	Barge, Deck	Size	160'x45'x11"			hour	\$133.75
8120	Boat, Tow	Size	55'x20'x5'	to 870	Steel.	hour	\$317.54
8121	Boat, Tow	Size	60'x21'x5'	to 1050	Steel.	hour	\$358.65
8122	Boat, Tow	Size	70'x30'x7.5'	to 1350	Steel.	hour	\$569.00
8123	Boat, Tow	Size	120'x34'x8'	to 2000	Steel.	hour	\$1,094.24
8124	Airboat	815AGIS Airboat w/spray unit	15'x8'	400		hour	\$31.00
8125	Airboat	815AGIS Airboat w/spray unit	15'x8'	425		hour	\$31.95
8126	Swamp Buggy Compactor -2-Ton Pavement	Conquest		360		hour	\$39.25
8129	Roller	2 ton				hour	\$28.25
8130	Boat, Row				Heavy duty.	hour	\$1.44
8131	Boat, Runabout	Size	13'x5'	to 50	Outboard.	hour	\$12.00
8132	Boat, Tender	Size	14'x7'	to 100	Inboard with 360 degree drive.	hour	\$16.50
8133	Boat, Push	Size	45'x21'x6'	to 435	Flat hull.	hour	\$217.20
8134	Boat, Push	Size	54'x21'x6'	to 525	Flat hull.	hour	\$267.35
8135	Boat, Push	Size	58'x24'x7.5'	to 705	Flat hull.	hour	\$325.35
8136	Boat, Push	Size	64'x25'x8'	to 870	Flat hull.	hour	\$358.50
8140	Boat, Tug	Length	16 Ft	to 100		hour	\$42.60
8141	Boat, Tug	Length	18 Ft	to 175		hour	\$62.55
8142	Boat, Tug	Length	26 Ft	to 250		hour	\$78.95
8143	Boat, Tug	Length	40 Ft	to 380		hour	\$196.50
8144	Boat, Tug	Length	51 Ft	to 700		hour	\$271.85
8147	Boat, Inflatable Rescue Raft	Zodiac				hour	\$1.10
8148	Boat, Runabout	1544 lbs	11 passenger capacity	190-250		hour	\$62.55
8149	Boat, removable engine	2000 Johnson Outboard Motor w 15" shaft		15		hour	\$1.50
8150	Broom, Pavement	Broom Length	72 ln	to 35		hour	\$24.50
8151	Broom, Pavement	Broom Length	96 In	to 100		hour	\$27.60
					Add Prime Mover cost for		
8153	Broom, Pavement, Mntd	Broom Length	72 ln	to 18	total rate Add Prime Mover cost for	hour	\$6.20
8154	Broom, Pavement, Pull	Broom Length	84 In	to 20	total rate	hour	\$20.77
8157	Sweeper, Pavement			to 110		hour	\$76.70
8158	Sweeper, Pavement			to 230		hour	\$96.80
8180	Bus			to 150		hour	\$20.95
8181	Bus			to 210		hour	\$25.45
8182	Bus			to 300		hour	\$38.35
8183	Blower	Gasoline powered Toro Pro Force		27		hour	\$15.37
8184	Back-Pack Blower			to 4.4		hour	\$1.50
8185	Walk-Behind Blower			13		hour	\$6.50
8187	Chainsaw	20" Bar, 3.0 cu in				hour	\$1.40
8188	Chainsaw	20" Bar 5.0 cu in				hour	\$2.45
8189	Chainsaw	20" Bar 6.0 cu in				hour	\$2.65
8190	Chain Saw	Bar Length	16 ln			hour	\$1.70
8191	Chain Saw	Bar Length	25 ln			hour	\$3.45
8192	Chain Saw, Pole	Bar Size	18 ln			hour	\$1.25
8193	Skidder	model 748 E		to 173		hour	\$52.70
8194	Skidder	model 648 G11		to 177		hour	\$104.30
8195	Cutter, Brush	Cutter Size	8 ft	to 150		hour	\$115.35
8196	Cutter, Brush	Cutter Size	8 ft	to 190		hour	\$129.35
8197	Cutter, Brush	Cutter Size	10 ft	to 245		hour	\$136.30

		Cutter, Brush - 247 hp, 1997 Model					
8198	Bruncher Cutter	511 Feller		to 247		hour	\$187.75
8199	Log Trailer	40 ft				hour	\$9.90
8200	Chipper, Brush	Chipping Capacity	6 In	to 35	Trailer Mounted.	hour	\$8.60
8201	Chipper, Brush	Chipping Capacity	9 In	to 65	Trailer Mounted.	hour	\$16.86
8202	Chipper, Brush	Chipping Capacity	12 ln	to 100	Trailer Mounted.	hour	\$24.31
8203	Chipper, Brush	Chipping Capacity	15 ln	to 125	Trailer Mounted.	hour	\$35.00
8204	Chipper, Brush	Chipping Capacity	18 ln	to 200	Trailer Mounted.	hour	\$50.10
8208	Loader - Tractor - Knuckleboom	model Barko 595 ML		to 173		hour	\$161.89
		model 210 w/ Buck Saw 50 inch					
8209	Loader - Wheel	Bar		to 240		hour	\$97.00
8210	Clamshell & Dragline, Crawler		149,999 lbs	to 235	Bucket not included in rate.	hour	\$127.40
8211	Clamshell & Dragline, Crawler		250,000 lbs	to 520	Bucket not included in rate.	hour	\$166.20
8212	Clamshell & Dragline, Truck			to 240	Bucket not included in rate.	hour	\$145.00
8220	Compactor Compactor, towed, Vibratory			to 10		hour	\$15.10
8221	Drum			to 45		hour	\$31.70
8222	Compactor, Vibratory, Drum			to 75		hour	\$22.30
8223	Compactor, pneumatic, wheel			to 100		hour	\$26.00
8225	Compactor, Sanitation			to 300		hour	\$92.75
8226	Compactor, Sanitation			to 400		hour	\$152.30
8227	Compactor, Sanitation			535		hour	\$249.75
	Compactor, towed,						
8228	Pneumatic, Wheel		10000 lbs		Include prime mover rate	hour	\$17.00
8229	Compactor, towed, Drum Static		20000 lbs		Include prime mover rate	hour	\$15.80
8240	Feeder, Grizzly			to 35		hour	\$22.20
8241	Feeder, Grizzly			to 55		hour	\$32.45
8242	Feeder, Grizzly			to 75		hour	\$64.25
8250	Dozer, Crawler			to 75		hour	\$51.30
8251	Dozer, Crawler			to 105		hour	\$38.30
8252	Dozer, Crawler			to 160		hour	\$93.74
8253	Dozer, Crawler			to 250		hour	\$149.75
8254	Dozer, Crawler			to 360		hour	\$201.10
8255	Dozer, Crawler			to 565		hour	\$311.80
8256	Dozer, Crawler			to 850		hour	\$294.10
8260	Dozer, Wheel			to 300		hour	\$61.00
8261	Dozer, Wheel			to 400		hour	\$94.10
8262	Dozer, Wheel			to 500		hour	\$178.65
8263	Dozer, Wheel			to 625		hour	\$239.60
0000	Day: Carana	3 hitch attach for tractor; 2007					<b>#0.50</b>
8269	Box Scraper	Befco			Includes teeth. Does not	hour	\$3.50
8270	Bucket, Clamshell	Capacity	1.0 CY		include Clamshell & Dragline	hour	\$4.62
0074	Develop Olemekell	0	0.5.0\/		Includes teeth. Does not		<b>#0.70</b>
8271	Bucket, Clamshell	Capacity	2.5 CY		Include Clamshell & Dragline Includes teeth, Does not	hour	\$8.73
8272	Bucket, Clamshell	Capacity	5.0 CY		include Clamshell & Dragline	hour	\$13.10
					Includes teeth. Does not		
8273	Bucket, Clamshell	Capacity	7.5 CY		include Clamshell & Dragline Does not include Clamshell &	hour	\$22.40
8275	Bucket, Dragline	Capacity	2.0 CY		Dragline Clamstell &	hour	\$3.96
	-				Does not include Clamshell &		
8276	Bucket, Dragline	Capacity	5.0 CY		Dragline  Does not include Clamshell &	hour	\$9.90
8277	Bucket, Dragline	Capacity	10 CY		Dragline Clamshell &	hour	\$14.10
	:				Does not include Clamshell &		
8278	Bucket, Dragline	Capacity	14 CY		Dragline Crawler, Truck & Wheel.	hour	\$18.65
8280	Excavator, Hydraulic	Bucket Capacity	0.5 CY	to 45	Includes bucket.	hour	\$18.00
	. ,	, ,			Crawler, Truck & Wheel.		
8281	Excavator, Hydraulic	Bucket Capacity	1.0 CY	to 90	Includes bucket.	hour	\$34.20
8282	Excavator, Hydraulic	Bucket Capacity	1.5 CY	to 160	Crawler, Truck & Wheel. Includes bucket.	hour	\$52.70
	. ,				Crawler, Truck & Wheel.		
8283	Excavator, Hydraulic	Bucket Capacity	2.5 CY	to 265	Includes bucket.	hour	\$153.00

S284	\$264.5 \$223.7
8286   Excavator, Hydraulic   Bucket Capacity   7.5 CY   10 550   Includes bucket.   hour	\$223.7
2286   Excavator   Hydraulic   Bucket Capacity   12 CY   to 1000   Includes bucket.   hour   hour	<b>*</b>
Excavator	\$455 O
Exeavator   2003 model Gradall XL4100 III   238	\$455.0 \$105.4
Excavator   2006 model Gradall XL5100   230   hour	\$103.4
8290   Trowel. Concrete	\$88.8
8300   Fork Lift	\$4.8
B301   Fork Lift	\$13.0
8302   Fork Lift	\$18.5
Same	\$24.0
B306	\$51.4
B308   Fork Lift Material handler   Diesel, CAT TH560B   99.9   hour	\$27.9
Solid   Fork Lift Material handler   Diesel, CAT TH560B   99.9   hour	\$30.1
8310   Generator	\$35.8
8311         Generator         Prime Output         16 KW         to 25         hour           8312         Generator         Prime Output         43 KW         to 65         hour           8313         Generator         Prime Output         100 KW         to 125         hour           8314         Generator         Prime Output         150 KW         to 240         hour           8315         Generator         Prime Output         210 KW         to 300         hour           8316         Generator         Prime Output         280 KW         to 400         hour           8317         Generator         Prime Output         530 KW         to 500         hour           8318         Generator         Prime Output         530 KW         to 750         hour           8319         Generator         Prime Output         710 KW         to 1000         hour           8320         Generator         Prime Output         1100 KW         to 1500         Open         hour           8321         Generator         Prime Output         2500 KW         to 3000         hour           8322         Generator         Prime Output         1,000 KW         to 1645         Enclosed	\$3.4
8312         Generator         Prime Output         43 KW         to 65         hour           8313         Generator         Prime Output         100 KW         to 125         hour           8314         Generator         Prime Output         150 KW         to 240         hour           8315         Generator         Prime Output         210 KW         to 300         hour           8316         Generator         Prime Output         280 KW         to 400         hour           8317         Generator         Prime Output         350 KW         to 500         hour           8318         Generator         Prime Output         530 KW         to 500         hour           8319         Generator         Prime Output         710 KW         to 1000         hour           8320         Generator         Prime Output         1100 KW         to 1500         Open         hour           8321         Generator         Prime Output         2500 KW         to 3000         hour           8322         Generator         Prime Output         1,500 KW         to 1645         Enclosed         hour           8323         Generator         Prime Output         40KW         60	\$3.3
8313         Generator         Prime Output         100 KW         to 125         hour           8314         Generator         Prime Output         150 KW         to 240         hour           8315         Generator         Prime Output         210 KW         to 300         hour           8316         Generator         Prime Output         280 KW         to 400         hour           8317         Generator         Prime Output         350 KW         to 500         hour           8318         Generator         Prime Output         530 KW         to 750         hour           8319         Generator         Prime Output         710 KW         to 1000         hour           8320         Generator         Prime Output         1100 KW         to 1500         Open         hour           8321         Generator         Prime Output         2500 KW         to 3000         hour           8322         Generator         Prime Output         1,000 KW         to 1645         Enclosed         hour           8323         Generator         Prime Output         1,500 KW         to 2500         Enclosed         hour           8324         Generator         Prime Output         40KW	\$7.4
8314         Generator         Prime Output         150 KW         to 240         hour           8315         Generator         Prime Output         210 KW         to 300         hour           8316         Generator         Prime Output         280 KW         to 400         hour           8317         Generator         Prime Output         350 KW         to 500         hour           8318         Generator         Prime Output         530 KW         to 750         hour           8319         Generator         Prime Output         710 KW         to 1000         hour           8320         Generator         Prime Output         1100 KW         to 1500         Open         hour           8321         Generator         Prime Output         1,000 KW         to 1645         Enclosed         hour           8322         Generator         Prime Output         1,500 KW         to 2500         Enclosed         hour           8324         Generator         Prime Output         1,500 KW         to 2500         Enclosed         hour           8325         Generator         Prime Output         40 KW         60         hour         hour           8326         Generator         <	\$15.0
8315         Generator         Prime Output         210 KW         to 300         hour           8316         Generator         Prime Output         280 KW         to 400         hour           8317         Generator         Prime Output         350 KW         to 500         hour           8318         Generator         Prime Output         530 KW         to 750         hour           8319         Generator         Prime Output         710 KW         to 1000         hour           8320         Generator         Prime Output         1100 KW         to 1500         Open         hour           8321         Generator         Prime Output         2500 KW         to 3000         hour           8322         Generator         Prime Output         1,000 KW         to 1645         Enclosed         hour           8322         Generator         Prime Output         1,500 KW         to 2500         Enclosed         hour           8324         Generator         Prime Output         1,500 KW         to 2500         Enclosed         hour           8325         Generator         Prime Output         40KW         60         hour           8326         Generator         Prime Output	\$34.9
8316         Generator         Prime Output         280 KW         to 400         hour           8317         Generator         Prime Output         350 KW         to 500         hour           8318         Generator         Prime Output         530 KW         to 750         hour           8319         Generator         Prime Output         710 KW         to 1000         hour           8320         Generator         Prime Output         1100 KW         to 1500         Open         hour           8321         Generator         Prime Output         2500 KW         to 3000         hour           8322         Generator         Prime Output         1,000 KW         to 1645         Enclosed         hour           8323         Generator         Prime Output         1,500 KW         to 2500         Enclosed         hour           8324         Generator         Prime Output         1100 KW         2500         Enclosed         hour           8325         Generator         Prime Output         40 KW         60         hour           8326         Generator         Prime Output         20 KW         40         includes Rigid and Articulate equipment. hour           8331         Graders	\$50.0
8317         Generator         Prime Output         350 KW         to 500         hour           8318         Generator         Prime Output         530 KW         to 750         hour           8319         Generator         Prime Output         710 KW         to 1000         hour           8320         Generator         Prime Output         1100 KW         to 1500         Open         hour           8321         Generator         Prime Output         2500 KW         to 3000         hour           8322         Generator         Prime Output         1,000 KW         to 1645         Enclosed         hour           8323         Generator         Prime Output         1,500 KW         to 2500         Enclosed         hour           8324         Generator         Prime Output         1100KW         2500         Enclosed         hour           8325         Generator         Prime Output         40KW         60         Includes Rigid and Articulate           8326         Generator         Prime Output         20KW         40         Includes Rigid and Articulate           8331         Graders         Moldboard Size         12 Ft         to 150         equipment.         hour           8	\$62.4
8318GeneratorPrime Output530 KWto 750hour8319GeneratorPrime Output710 KWto 1000hour8320GeneratorPrime Output1100 KWto 1500Openhour8321GeneratorPrime Output2500 KWto 3000hour8322GeneratorPrime Output1,000 KWto 1645Enclosedhour8323GeneratorPrime Output1,500 KWto 2500Enclosedhour8324GeneratorPrime Output1100KW2500Enclosedhour8325GeneratorPrime Output40KW60hour8326GeneratorPrime Output20KW40hour8330GradersMoldboard Size10 Ftto 110equipment.hour8331GradersMoldboard Size12 Ftto 150equipment.hour8332GradersMoldboard Size14 Ftto 225equipment.hour8350Hose, DischargeDiameter3 InPer 25 foot length. Includes couplings.hour8351Hose, DischargeDiameter4 InPer 25 foot length. Includes couplings.hour	\$80.4
8319         Generator         Prime Output         710 KW         to 1000         hour           8320         Generator         Prime Output         1100 KW         to 1500         Open         hour           8321         Generator         Prime Output         2500 KW         to 3000         hour           8322         Generator         Prime Output         1,000 KW         to 1645         Enclosed         hour           8323         Generator         Prime Output         1100 KW         2500         Enclosed         hour           8324         Generator         Prime Output         1100 KW         2500         Enclosed         hour           8325         Generator         Prime Output         40 KW         60         hour           8326         Generator         Prime Output         20 KW         40         Includes Rigid and Articulate           8330         Graders         Moldboard Size         10 Ft         to 110         Includes Rigid and Articulate         equipment.         hour           8331         Graders         Moldboard Size         12 Ft         to 150         Includes Rigid and Articulate         equipment.         hour           8332         Graders         Moldboard Size	\$90.5
B320 Generator	\$153.3
B321 Generator	\$222.0
8322 Generator Prime Output 1,000 KW to 1645 Enclosed hour 8323 Generator Prime Output 1,500 KW to 2500 Enclosed hour 8324 Generator Prime Output 1100KW 2500 Enclosed hour 8325 Generator Prime Output 40KW 60 Enclosed hour 8326 Generator Prime Output 20KW 40 Includes Rigid and Articulate equipment. hour 8330 Graders Moldboard Size 10 Ft to 110 equipment. Includes Rigid and Articulate equipment. hour 8331 Graders Moldboard Size 12 Ft to 150 equipment. hour 8332 Graders Moldboard Size 14 Ft to 225 equipment. hour 8335 Hose, Discharge Diameter 3 In Per 25 foot length. Includes couplings. hour 8351 Hose, Discharge Diameter 4 In Per 25 foot length. Includes couplings. hour	\$349.0
8323 Generator Prime Output 1,500 KW to 2500 Enclosed hour 8324 Generator Prime Output 1100KW 2500 Enclosed hour 8325 Generator Prime Output 40KW 60 hour 8326 Generator Prime Output 20KW 40 Includes Rigid and Articulate equipment. hour 8330 Graders Moldboard Size 10 Ft to 110 equipment. hour 8331 Graders Moldboard Size 12 Ft to 150 equipment. hour 8332 Graders Moldboard Size 14 Ft to 225 equipment. hour 8335 Hose, Discharge Diameter 3 In Per 25 foot length. Includes couplings. hour 8351 Hose, Discharge Diameter 4 In Per 25 foot length. Includes couplings. hour	\$533.7
8324 Generator Prime Output 1100KW 2500 Enclosed hour 8325 Generator Prime Output 40KW 60 hour 8326 Generator Prime Output 20KW 40 Includes Rigid and Articulate equipment. hour 8330 Graders Moldboard Size 10 Ft to 110 equipment. hour 8331 Graders Moldboard Size 12 Ft to 150 equipment. hour 8332 Graders Moldboard Size 14 Ft to 225 equipment. hour 8336 Hose, Discharge Diameter 3 Includes Rigid and Articulate equipment. hour 8350 Hose, Discharge Diameter 4 Includes couplings. hour 8351 Hose, Discharge Diameter 4 Includes couplings. hour	\$403.3
8325 Generator Prime Output 40KW 60 hour 8326 Generator Prime Output 20KW 40 Includes Rigid and Articulate equipment. hour 8330 Graders Moldboard Size 10 Ft to 110 equipment. hour 8331 Graders Moldboard Size 12 Ft to 150 equipment. hour 8332 Graders Moldboard Size 14 Ft to 225 equipment. hour 8339 Hose, Discharge Diameter 3 Includes Rigid and Articulate equipment. hour 8350 Hose, Discharge Diameter 4 Includes couplings. hour 8351 Hose, Discharge Diameter 4 Includes couplings. hour 8350 Per 25 foot length. Includes couplings. hour	\$511.2
8326 Generator Prime Output 20KW 40 Includes Rigid and Articulate equipment. hour  8330 Graders Moldboard Size 10 Ft to 110 equipment. hour  8331 Graders Moldboard Size 12 Ft to 150 equipment. hour  8332 Graders Moldboard Size 14 Ft to 225 equipment. hour  8350 Hose, Discharge Diameter 3 Includes Rigid and Articulate equipment. hour  Per 25 foot length. Includes couplings. hour	\$495.8
8330 Graders Moldboard Size 10 Ft to 110 equipment. hour  8331 Graders Moldboard Size 12 Ft to 150 equipment. hour  8332 Graders Moldboard Size 14 Ft to 225 equipment. hour  8350 Hose, Discharge Diameter 3 In couplings. hour  8351 Hose, Discharge Diameter 4 In Per 25 foot length. Includes couplings. hour	\$14.8
8330 Graders Moldboard Size 10 Ft to 110 equipment. hour  8331 Graders Moldboard Size 12 Ft to 150 equipment. Includes Rigid and Articulate equipment. hour  8332 Graders Moldboard Size 14 Ft to 225 equipment. hour  8350 Hose, Discharge Diameter 3 In couplings. hour  8351 Hose, Discharge Diameter 4 In Per 25 foot length. Includes couplings. hour  Per 25 foot length. Includes couplings. hour  Per 25 foot length. Includes	\$13.3
8331 Graders Moldboard Size 12 Ft to 150 equipment. hour  8332 Graders Moldboard Size 14 Ft to 225 equipment. hour  8350 Hose, Discharge Diameter 3 In couplings. hour  8351 Hose, Discharge Diameter 4 In Per 25 foot length. Includes couplings. hour  Per 25 foot length. Includes couplings. hour  Per 25 foot length. Includes couplings. hour	\$43.3
8332 Graders Moldboard Size 14 Ft to 225 equipment. hour  Per 25 foot length. Includes couplings. hour  8350 Hose, Discharge Diameter 3 In Per 25 foot length. Includes couplings. hour  Per 25 foot length. Includes couplings. hour  Per 25 foot length. Includes couplings. hour  Per 25 foot length. Includes	\$46.5
8350 Hose, Discharge Diameter 3 In couplings. hour  Per 25 foot length. Includes couplings. hour  Bass Hose, Discharge Diameter 4 In Per 25 foot length. Includes couplings. hour  Per 25 foot length. Includes	\$67.5
8351 Hose, Discharge Diameter 4 In Per 25 foot length. Includes couplings. hour Per 25 foot length. Includes	\$0.1
Per 25 foot length. Includes	\$0.2
Per 25 foot length. Includes	\$0.6
8353 Hose, Discharge Diameter 8 In couplings. hour Per 25 foot length. Includes	\$0.6
8354 Hose, Discharge Diameter 12 In couplings. hour Per 25 foot length. Includes	\$0.9
8355 Hose, Discharge Diameter 16 In couplings. hour	\$1.7
8356 Hose, Suction Diameter 3 In Per 25 foot length. Includes couplings. hour	\$0.3
8357 Hose, Suction Diameter 4 In Per 25 foot length. Includes couplings. hour	\$0.3
8358 Hose, Suction Diameter 6 In Per 25 foot length. Includes couplings. hour	\$1.1
8359 Hose, Suction Diameter 8 In Per 25 foot length. Includes couplings. hour	\$1.1
8360 Hose, Suction Diameter 12 In couplings. hour	\$1.7
Per 25 foot length. Includes	
8361 Hose, Suction Diameter 16 In couplings. hour	\$3.1 \$14.6

8381	Loader, Crawler	Bucket Capacity	1 CY	to 60	Includes bucket.	bour	\$34.30
8382	Loader, Crawler	Bucket Capacity  Bucket Capacity	2 CY	to 60 to 118	Includes bucket.	hour hour	\$68.10
8383	Loader, Crawler	Bucket Capacity	3 CY	to 178	Includes bucket.	hour	\$101.30
8384	Loader, Crawler	Bucket Capacity	4 CY	to 238	Includes bucket.	hour	\$120.00
8390	Loader, Wheel	Bucket Capacity	0.5 CY	to 38	moradoo backet.	hour	\$20.10
8391	Loader, Wheel	Bucket Capacity	1 CY	to 60		hour	\$36.90
8392	Loader, Wheel	Bucket Capacity	2 CY	to 105	CAT-926		\$35.50
					CA1-920	hour	
8393	Loader, Wheel	Bucket Capacity	3 CY	to 152		hour	\$43.85
8394	Loader, Wheel	Bucket Capacity	4 CY	to 200		hour	\$59.30
8395	Loader, Wheel	Bucket Capacity	5 CY	to 250		hour	\$64.00
8396	Loader, Wheel	Bucket Capacity	6 CY	to 305		hour	\$104.00
8397	Loader, Wheel	Bucket Capacity	7 CY	to 360		hour	\$124.50
8398	Loader, Wheel	Bucket Capacity	8 CY	to 530		hour	\$171.40
8401	Loader, Tractor, Wheel	Bucket Capacity	0.87 CY	to 80	Case 580 Super L	hour	\$33.73
8410	Mixer, Concrete Portable	Batching Capacity	10 Cft			hour	\$3.05
8411	Mixer, Concrete Portable	Batching Capacity	12 Cft	11		hour	\$4.00
8412	Mixer, Concrete, Trailer Mntd	Batching Capacity	11 Cft	to 10		hour	\$12.70
8413	Mixer, Concrete, Trailer Mntd	Batching Capacity	16 Cft	to 25		hour	\$19.60
8419	Breaker, Pavement Hand-Held	Weight	25~90 Lbs			hour	\$1.10
8420	Breaker, Pavement			to 70		hour	\$57.45
8423	Spreader, Chip	Spread Hopper Width	12.5 Ft	to 152		hour	\$85.85
8424	Spreader, Chip	Spread Hopper Width	16.5 Ft	to 215		hour	\$116.60
8425	Spreader, Chip, Mntd	Hopper Size	8 Ft	to 8	Trailer & truck mounted.	hour	\$4.60
					Does not include Prime		
8430	Paver, Asphalt, Towed				Mover. Includes wheel and crawler	hour	\$12.40
8431	Paver, Asphalt			to 50	equipment.	hour	\$73.76
8432	Paver, Asphalt			to 125	Includes wheel and crawler equipment.	hour	\$95.10
8433	Paver, Asphalt			to 175	Includes wheel and crawler equipment.	hour	\$126.80
0.40.4	Davies Asshalt		25 000l ba 8 Over	4- 050	Includes wheel and crawler	h	<b>#200 CE</b>
	Paver, Asphalt		35,000Lbs & Over	to 250	equipment.	hour	\$209.65
	Pick-up, Asphalt			to 110		hour	\$96.85
	Pick-up, Asphalt			to 150		hour	\$135.00
	Pick-up, Asphalt			to 200		hour	\$93.50
	Pick-up, Asphalt			to 275		hour	\$204.00
	Striper	Paint Capacity	40 Gal	to 22		hour	\$16.20
	Striper	Paint Capacity	90 Gal	to 60		hour	\$22.90
8442	Striper	Paint Capacity	120 Gal	to 122		hour	\$42.60
8445	Striper, Truck Mntd	Paint Capacity	120 Gal	to 460		hour	\$78.60
8446	Striper, Walk-behind Paver accessory -Belt	Paint Capacity 2002 Leeboy Conveyor Belt	12 Gal			hour	\$4.00
8447	Extension	Extension			crawler	hour	\$32.50
8450	Plow, Snow, Grader Mntd	Width	to 10 Ft		Include Grader for total cost	hour	\$28.00
8451	Plow, Snow, Grader Mntd	Width	to 14 Ft		Include Grader for total cost	hour	\$32.90
8452	Plow, Truck Mntd	Width	to 15 Ft		Include truck for total cost	hour	\$24.35
					With leveling wing. Include		
8453	Plow, Truck Mntd	Width	to 15 Ft		truck for total cost	hour	\$40.80
8455	Spreader, Sand	Mounting	Tailgate, Chassis			hour	\$7.35
8456	Spreader, Sand	Mounting	Dump Body			hour	\$10.45
8457	Spreader, Sand	Mounting	Truck (10yd)			hour	\$13.15
8458	Spreader, Chemical	Capacity	5 CY	to 4	Trailer & truck mounted.	hour	\$6.00
8469	Pump - Trash Pump	10 MTC	2" Pump	to 7	10,000 gph	hour	\$7.25
8470	Pump	Centrifugal, 8M pump	2" - 10,000 gal/hr.	to 4.5	Hoses not included.	hour	\$6.10
8471	Pump	Diaphragm pump	2" - 3,000 gal/hr.	to 6	Hoses not included.	hour	\$6.75
8472	Pump	Centrifugal, 18M pump	3" - 18,000 gal/hr. pump	to 10	Hoses not included.	hour	\$7.99
8473	Pump			to 15	Hoses not included.	hour	\$10.30
8474	Pump			to 25	Hoses not included.	hour	\$13.60
	D			to 40	Hoses not included.	bour	\$16.65
8475	Pump		<u> </u>	10 40	110000 Hot Holadoa.	hour	\$10.00

EATE   Pump			1	1		1		1
Berry   Purry	8477	Pump			to 95	Hoses not included.	hour	\$32.00
March   Pump	8478	Pump			to 140	Hoses not included.	hour	\$41.50
Beta   Purro	8479	Pump			to 200	Hoses not included.	hour	\$49.90
Best	8480	Pump			to 275	Does not include Hoses.	hour	\$66.85
	8481	Pump			to 350	Does not include Hoses.	hour	\$82.00
BABB	8482	Pump			to 425	Does not include Hoses.	hour	\$96.60
2486   Pump	8483	Pump			to 500	Does not include Hoses.	hour	\$114.00
Ask   Ask   Ask   Ask   Ask   Platform Height   AD F1   Dots   Add this rate to muck rate for hour	8484	Pump			to 575	Does not include Hoses.	hour	\$133.30
Aerial Lift, Truck Mind	8485	Pump			to 650	Does not include Hoses.	hour	\$154.70
Aerial Lift, Truck Mintd   Max. Platform Height   80 Ft   total lift and truck rate for total lift, Truck Mintd   Max. Platform Height   80 Ft   Add this rate to truck rate for total lift and truck rate in total lift. Self-Propelled   Max. Platform Height   37 Ft. Hr.   10 15. Scissor.	8486	Aerial Lift, Truck Mntd	Max. Platform Height	40 Ft			hour	\$11.38
Agrial Lift, Truck Mintd   Max. Pilatform Height   S1F-100 Ft. Ht.   Add his rate to truck rate for total lift and truck rate   hour	8487	Aerial Lift, Truck Mntd	Max. Platform Height	61 Ft			hour	\$20.54
Aerial Lift, Turck Mind	8488	Aerial Lift, Truck Mntd	Max. Platform Height	80 Ft		total lift and truck rate	hour	\$39.00
Agrial Lift, Self-Propelled   Max. Platform Height   87 Ft. Ht.   10 15   Scissor.   hour	8489	Aerial Lift, Truck Mntd	Max. Platform Load - 600Lbs	81 Ft -100 Ft. Ht.		total lift and truck rate	hour	\$39.50
Aerial Lift, Self-Propelled   Max. Platform Height   Fo Fit. Ht.   10 30   Scissor.   Nour	8490	Aerial Lift, Self-Propelled	Max. Platform Height	37 Ft. Ht.	to 15	Scissor.	hour	\$8.95
B492	8491	Aerial Lift, Self-Propelled	Max. Platform Height	60 Ft. Ht.	to 30	Scissor.	hour	\$16.10
Aerial Lift, Self-Propelled   Max. Platform Height   125 Ft. Ht.   10 85   Articulated and Telescoping.   Nour	8492	Aerial Lift, Self-Propelled	Max. Platform Height	70 Ft. Ht.	to 50		hour	\$29.26
8494         Aerial Lift, Self-Propelled         Max. Platform Height         150 Ft. Ht.         to 130         Articulated and Telescoping.         hour           8495         I.C. Aerial Lift, Self-Propelled         Max. Platform Load - 500 Lbs         75°x155°, 40°Ft Ht.         to 80         2000 Lbs Capacity         hour           8496         Crane, Truck Mintd         Max. Lift Capacity         24000 Lbs         Include truck rate for total cost         hour           8497         Crane, Truck Mintd         Max. Lift Capacity         60000 Lbs         Include truck rate for total cost         hour           8498         Crane, Truck Mintd         Max. Lift Capacity         60000 Lbs         Include truck rate for total cost         hour           8499         Crane, Truck Mintd         Max. Lift Capacity         8 MT         to 80         Self-Priming Trash Pump         hour           8500         Crane         Max. Lift Capacity         15 MT         to 80         Non-response Number		•	· ·				_	\$55.65
B495   I.C. Aerial Lift, Self-Propelled   Max. Platform Load - 500 Lbs   75"x155", 40Ft Ht.   to 80   2000 Lbs Capacity   hour			· ·					\$70.15
8496   Crane, Truck Mrid		•	ŭ			1 0		\$28.95
8497         Crane, Truck Mind         Max. Lift Capacity         36000 Lbs         Include truck rate for total cost         hour           8498         Crane, Truck Mind         Max. Lift Capacity         60000 Lbs         Include truck rate for total cost         hour           8499         Pump - Trash-Pump         CPB Rating - 10MTC         10000 gal/Hr         7         Self-Priming Trash Pump         hour           8500         Crane         Max. Lift Capacity         15 MT         to 150         hour           8501         Crane         Max. Lift Capacity         50 MT         to 200         hour           8503         Crane         Max. Lift Capacity         70 MT         to 300         hour           8503         Crane         Max. Lift Capacity         70 MT         to 300         hour           8504         Crane         Max. Lift Capacity         110 MT         to 350         hour           8510         Saw, Concrete         Blade Diameter         14 In         to 14         hour           8511         Saw, Concrete         Blade Diameter         26 In         to 55         hour           8512         Saw, Rock         10 100         hour         hour           8513         Saw, Rock	0493	1.0. Aeriai Liit, Seli-i Topelieu	Wax. 1 lation Load - 500 Lbs	75 X155 , 401 CTIL.	10 00	2000 Lb3 Oapacity	rioui	Ψ20.93
Ref	8496	Crane, Truck Mntd	Max. Lift Capacity	24000 Lbs		Include truck rate for total cost	hour	\$14.90
Responsible   Pump - Trash-Pump   CPB Rating - 10MTC   10000 gal/Hr   7   Self-Priming Trash Pump   hour	8497	Crane, Truck Mntd	Max. Lift Capacity	36000 Lbs		Include truck rate for total cost	hour	\$22.40
8500         Crane         Max. Lift Capacity         8 MT         to 80         hour           8501         Crane         Max. Lift Capacity         15 MT         to 150         hour           8502         Crane         Max. Lift Capacity         50 MT         to 200         hour           8503         Crane         Max. Lift Capacity         70 MT         to 300         hour         \$           8504         Crane         Max. Lift Capacity         110 MT         to 350         hour         \$           8510         Saw, Concrete         Blade Diameter         14 In         to 14         hour         \$           8511         Saw, Concrete         Blade Diameter         26 In         to 35         hour         \$           8512         Saw, Concrete         Blade Diameter         48 In         to 65         hour         \$           8513         Saw, Rock         10 100         hour         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$         \$ <t< td=""><td>8498</td><td>Crane, Truck Mntd</td><td>Max. Lift Capacity</td><td>60000 Lbs</td><td></td><td>Include truck rate for total cost</td><td>hour</td><td>\$36.50</td></t<>	8498	Crane, Truck Mntd	Max. Lift Capacity	60000 Lbs		Include truck rate for total cost	hour	\$36.50
8501         Crane         Max. Lift Capacity         15 MT         to 150         hour           8502         Crane         Max. Lift Capacity         50 MT         to 200         hour           8503         Crane         Max. Lift Capacity         70 MT         to 300         hour           8504         Crane         Max. Lift Capacity         110 MT         to 350         hour           8510         Saw, Concrete         Blade Diameter         14 In         to 14         hour           8511         Saw, Concrete         Blade Diameter         26 In         to 35         hour           8512         Saw, Concrete         Blade Diameter         48 In         to 65         hour           8513         Saw, Rock         to 100         hour         bour           8514         Saw, Rock         to 200         hour           8517         Jackhammer (Dry)         Weight Class         25-45 Lbs         hour           8518         Jackhammer (Wet)         Weight Class         30-55 Lbs         hour           8521         Scraper         Scraper Capacity         16 CY         to 250         hour           8523         Scraper         Scraper Capacity         34 CY <td< td=""><td>8499</td><td>Pump - Trash-Pump</td><td>CPB Rating - 10MTC</td><td>10000 gal/Hr</td><td>7</td><td>Self- Priming Trash Pump</td><td>hour</td><td>\$7.55</td></td<>	8499	Pump - Trash-Pump	CPB Rating - 10MTC	10000 gal/Hr	7	Self- Priming Trash Pump	hour	\$7.55
8502         Crane         Max. Lift Capacity         50 MT         to 200         hour           8503         Crane         Max. Lift Capacity         70 MT         to 300         hour         \$           8504         Crane         Max. Lift Capacity         110 MT         to 350         hour         \$           8510         Saw, Concrete         Blade Diameter         14 In         to 14         hour           8511         Saw, Concrete         Blade Diameter         26 In         to 35         hour           8512         Saw, Concrete         Blade Diameter         48 In         to 65         hour           8513         Saw, Rock         to 100         hour         hour           8514         Saw, Rock         to 200         hour           8517         Jackhammer (Dry)         Weight Class         25-45 Lbs         hour           8518         Jackhammer (Wet)         Weight Class         30-55 Lbs         hour           8521         Scraper         Scraper Capacity         16 CY         to 250         hour         \$           8523         Scraper         Scraper Capacity         34 CY         to 475         hour         \$           8524         Scrap	8500	Crane	Max. Lift Capacity	8 MT	to 80		hour	\$38.70
8503         Crane         Max. Lift Capacity         70 MT         to 300         hour         \$           8504         Crane         Max. Lift Capacity         110 MT         to 350         hour         \$           8510         Saw, Concrete         Blade Diameter         14 In         to 14         hour           8511         Saw, Concrete         Blade Diameter         26 In         to 35         hour           8512         Saw, Concrete         Blade Diameter         48 In         to 65         hour           8512         Saw, Rock         10 100         hour         hour           8513         Saw, Rock         10 200         hour         hour           8514         Saw, Rock         10 200         hour         hour           8517         Jackhammer (Dry)         Weight Class         25-45 Lbs         hour         hour           8518         Jackhammer (Wet)         Weight Class         30-55 Lbs         hour         \$           8521         Scraper         Scraper Capacity         16 CY         to 250         hour         \$           8522         Scraper         Scraper Capacity         23 CY         to 365         hour         \$           <	8501	Crane	Max. Lift Capacity	15 MT	to 150		hour	\$66.90
8504         Crane         Max. Lift Capacity         110 MT         to 350         hour         \$           8510         Saw, Concrete         Blade Diameter         14 In         to 14         hour           8511         Saw, Concrete         Blade Diameter         26 In         to 35         hour           8512         Saw, Concrete         Blade Diameter         48 In         to 65         hour           8513         Saw, Rock         to 100         hour         hour           8514         Saw, Rock         to 200         hour           8517         Jackhammer (Dry)         Weight Class         25-45 Lbs         hour           8518         Jackhammer (Wet)         Weight Class         30-55 Lbs         hour           8519         Jackhammer (Wet)         Weight Class         30-55 Lbs         hour           8519         Jackhammer (Wet)         Weight Class         30-55 Lbs         hour           8510         Scraper         Scraper Capacity         16 CY         to 250         hour           8521         Scraper         Scraper Capacity         23 CY         to 365         hour           8522         Scraper         Scraper Capacity         34 CY         to 475 <td>8502</td> <td>Crane</td> <td>Max. Lift Capacity</td> <td>50 MT</td> <td>to 200</td> <td></td> <td>hour</td> <td>\$90.00</td>	8502	Crane	Max. Lift Capacity	50 MT	to 200		hour	\$90.00
8510         Saw, Concrete         Blade Diameter         14 In         to 14         hour           8511         Saw, Concrete         Blade Diameter         26 In         to 35         hour           8512         Saw, Concrete         Blade Diameter         48 In         to 65         hour           8513         Saw, Rock         to 100         hour         hour           8514         Saw, Rock         to 200         hour           8517         Jackhammer (Dry)         Weight Class         25-45 Lbs         hour           8518         Jackhammer (Wet)         Weight Class         30-55 Lbs         hour           8521         Scraper         Scraper Capacity         16 CY         to 250         hour           8522         Scraper         Scraper Capacity         23 CY         to 365         hour         \$           8523         Scraper         Scraper Capacity         34 CY         to 475         hour         \$           8524         Scraper         Scraper Capacity         44 CY         to 600         hour         \$           8540         Loader, Skid-Steer         Operating Capacity         2000 Lbs         to 85         hour           8541         Loader, Sk	8503	Crane	Max. Lift Capacity	70 MT	to 300		hour	\$178.60
8511         Saw, Concrete         Blade Diameter         26 In         to 35         hour           8512         Saw, Concrete         Blade Diameter         48 In         to 65         hour           8513         Saw, Rock         to 100         hour           8514         Saw, Rock         to 200         hour           8517         Jackhammer (Dry)         Weight Class         25-45 Lbs         hour           8518         Jackhammer (Wet)         Weight Class         30-55 Lbs         hour           8521         Scraper         Scraper Capacity         16 CY         to 250         hour           8521         Scraper         Scraper Capacity         23 CY         to 365         hour         \$           8522         Scraper         Scraper Capacity         34 CY         to 475         hour         \$           8524         Scraper         Scraper Capacity         44 CY         to 600         hour         \$           8541         Loader, Skid-Steer         Operating Capacity         2000 Lbs         to 35         hour           8542         Loader, Skid-Steer         Operating Capacity         2000 Lbs         to 65         hour           8542         Loader, Skid-Steer </td <td>8504</td> <td>Crane</td> <td>Max. Lift Capacity</td> <td>110 MT</td> <td>to 350</td> <td></td> <td>hour</td> <td>\$243.20</td>	8504	Crane	Max. Lift Capacity	110 MT	to 350		hour	\$243.20
8512         Saw, Concrete         Blade Diameter         48 In         to 65         hour           8513         Saw, Rock         to 100         hour           8514         Saw, Rock         to 200         hour           8517         Jackhammer (Dry)         Weight Class         25-45 Lbs         hour           8518         Jackhammer (Wet)         Weight Class         30-55 Lbs         hour           8521         Scraper         Scraper Capacity         16 CY         to 250         hour           8521         Scraper         Scraper Capacity         23 CY         to 365         hour         \$           8523         Scraper         Scraper Capacity         34 CY         to 475         hour         \$           8523         Scraper         Scraper Capacity         44 CY         to 600         hour         \$           8524         Scraper         Scraper Capacity         1000 Lbs         to 35         hour         \$           8540         Loader, Skid-Steer         Operating Capacity         2000 Lbs         to 65         hour           8541         Loader, Skid-Steer         Operating Capacity         3000 Lbs         to 85         hour           8550         Sn	8510	Saw, Concrete	Blade Diameter	14 ln	to 14		hour	\$7.20
8513         Saw, Rock         to 100         hour           8514         Saw, Rock         to 200         hour           8517         Jackhammer (Dry)         Weight Class         25-45 Lbs         hour           8518         Jackhammer (Wet)         Weight Class         30-55 Lbs         hour           8518         Jackhammer (Wet)         Weight Class         30-55 Lbs         hour           8521         Scraper         Scraper Capacity         16 CY         to 250         hour           8522         Scraper         Scraper Capacity         23 CY         to 365         hour         \$           8523         Scraper         Scraper Capacity         34 CY         to 475         hour         \$           8524         Scraper         Scraper Capacity         44 CY         to 600         hour         \$           8540         Loader, Skid-Steer         Operating Capacity         1000 Lbs         to 35         hour           8541         Loader, Skid-Steer         Operating Capacity         2000 Lbs         to 65         hour           8542         Loader, Skid-Steer         Operating Capacity         3000 Lbs         to 85         hour           8542         Loader, Skid-Steer	8511	Saw, Concrete	Blade Diameter	26 ln	to 35		hour	\$12.00
8513         Saw, Rock         to 100         hour           8514         Saw, Rock         to 200         hour           8517         Jackhammer (Dry)         Weight Class         25-45 Lbs         hour           8518         Jackhammer (Wet)         Weight Class         30-55 Lbs         hour           8518         Jackhammer (Wet)         Weight Class         30-55 Lbs         hour           8521         Scraper         Scraper Capacity         16 CY         to 250         hour           8522         Scraper         Scraper Capacity         23 CY         to 365         hour         \$           8523         Scraper         Scraper Capacity         34 CY         to 475         hour         \$           8524         Scraper         Scraper Capacity         44 CY         to 600         hour         \$           8540         Loader, Skid-Steer         Operating Capacity         1000 Lbs         to 35         hour           8541         Loader, Skid-Steer         Operating Capacity         2000 Lbs         to 65         hour           8542         Loader, Skid-Steer         Operating Capacity         3000 Lbs         to 85         hour           8542         Loader, Skid-Steer	8512	Saw, Concrete	Blade Diameter	48 In	to 65		hour	\$25.10
8514         Saw, Rock         to 200         hour           8517         Jackhammer (Dry)         Weight Class         25-45 Lbs         hour           8518         Jackhammer (Wet)         Weight Class         30-55 Lbs         hour           8521         Scraper         Scraper Capacity         16 CY         to 250         hour           8522         Scraper         Scraper Capacity         23 CY         to 365         hour           8523         Scraper         Scraper Capacity         34 CY         to 475         hour         \$           8524         Scraper         Scraper Capacity         44 CY         to 600         hour         \$           8540         Loader, Skid-Steer         Operating Capacity         1000 Lbs         to 35         hour           8541         Loader, Skid-Steer         Operating Capacity         2000 Lbs         to 65         hour           8542         Loader, Skid-Steer         Operating Capacity         3000 Lbs         to 85         hour           8541         Loader, Skid-Steer         Operating Capacity         3000 Lbs         to 85         hour           8550         Snow Blower, Truck Mntd         Capacity         600 Tph         to 75         Does not inclu								\$33.50
8517Jackhammer (Dry)Weight Class25-45 Lbshour8518Jackhammer (Wet)Weight Class30-55 Lbshour8521ScraperScraper Capacity16 CYto 250hour8522ScraperScraper Capacity23 CYto 365hour8523ScraperScraper Capacity34 CYto 475hour8524ScraperScraper Capacity44 CYto 600hour8540Loader, Skid-SteerOperating Capacity1000 Lbsto 35hour8541Loader, Skid-SteerOperating Capacity2000 Lbsto 65hour8542Loader, Skid-SteerOperating Capacity3000 Lbsto 85hour8550Snow Blower, Truck MntdCapacity600 Tphto 75Does not include truckhour8551Snow Blower, Truck MntdCapacity1400 Tphto 200Does not include truckhour8552Snow Blower, Truck MntdCapacity2000 Tphto 340Does not include truckhour8553Snow Blower, Truck MntdCapacity2500 Tphto 400Does not include truckhour8558Snow Thrower, Walk BehindCutting Width25 into 5hour8559Snow BlowerCapacity2,000 Tphto 400hour\$								\$63.00
8518         Jackhammer (Wet)         Weight Class         30-55 Lbs         hour           8521         Scraper         Scraper Capacity         16 CY         to 250         hour         \$           8522         Scraper         Scraper Capacity         23 CY         to 365         hour         \$           8523         Scraper         Scraper Capacity         34 CY         to 475         hour         \$           8524         Scraper         Scraper Capacity         44 CY         to 600         hour         \$           8540         Loader, Skid-Steer         Operating Capacity         1000 Lbs         to 35         hour           8541         Loader, Skid-Steer         Operating Capacity         2000 Lbs         to 65         hour           8542         Loader, Skid-Steer         Operating Capacity         3000 Lbs         to 85         hour           8550         Snow Blower, Truck Mntd         Capacity         600 Tph         to 75         Does not include truck         hour           8551         Snow Blower, Truck Mntd         Capacity         2000 Tph         to 340         Does not include truck         hour           8553         Snow Blower, Truck Mntd         Capacity         2500 Tph         to 400			Weight Class	25-45 l bs				\$1.66
8521         Scraper         Scraper Capacity         16 CY         to 250         hour         \$           8522         Scraper         Scraper Capacity         23 CY         to 365         hour         \$           8523         Scraper         Scraper Capacity         34 CY         to 475         hour         \$           8524         Scraper         Scraper Capacity         44 CY         to 600         hour         \$           8540         Loader, Skid-Steer         Operating Capacity         1000 Lbs         to 35         hour           8541         Loader, Skid-Steer         Operating Capacity         2000 Lbs         to 65         hour           8542         Loader, Skid-Steer         Operating Capacity         3000 Lbs         to 85         hour           8550         Snow Blower, Truck Mntd         Capacity         600 Tph         to 75         Does not include truck         hour           8551         Snow Blower, Truck Mntd         Capacity         2000 Tph         to 340         Does not include truck         hour           8552         Snow Blower, Truck Mntd         Capacity         2500 Tph         to 400         Does not include truck         hour           8553         Snow Thrower, Walk Behind		\ ,,	· ·					\$1.84
8522 Scraper Scraper Capacity 23 CY to 365 hour \$ 8523 Scraper Scraper Capacity 34 CY to 475 hour \$ 8524 Scraper Scraper Capacity 44 CY to 600 hour \$ 8540 Loader, Skid-Steer Operating Capacity 1000 Lbs to 35 hour \$ 8541 Loader, Skid-Steer Operating Capacity 2000 Lbs to 65 hour \$ 8542 Loader, Skid-Steer Operating Capacity 3000 Lbs to 85 hour \$ 8550 Snow Blower, Truck Mntd Capacity 600 Tph to 75 Does not include truck hour \$ 8551 Snow Blower, Truck Mntd Capacity 1400 Tph to 200 Does not include truck hour \$ 8552 Snow Blower, Truck Mntd Capacity 2000 Tph to 340 Does not include truck hour \$ 8553 Snow Blower, Truck Mntd Capacity 2500 Tph to 400 Does not include truck hour \$ 8558 Snow Thrower, Walk Behind Cutting Width 25 in to 5 hour \$ 8559 Snow Thrower, Walk Behind Cutting Width 60 in to 15 hour \$ 8560 Snow Blower Capacity 2,000 Tph to 400 hour \$		, ,	Ů		to 250			\$107.15
8523ScraperScraper Capacity34 CYto 475hour\$8524ScraperScraper Capacity44 CYto 600hour\$8540Loader, Skid-SteerOperating Capacity1000 Lbsto 35hour8541Loader, Skid-SteerOperating Capacity2000 Lbsto 65hour8542Loader, Skid-SteerOperating Capacity3000 Lbsto 85hour8550Snow Blower, Truck MntdCapacity600 Tphto 75Does not include truckhour8551Snow Blower, Truck MntdCapacity1400 Tphto 200Does not include truckhour8552Snow Blower, Truck MntdCapacity2000 Tphto 340Does not include truckhour8553Snow Blower, Truck MntdCapacity2500 Tphto 400Does not include truckhour8558Snow Thrower, Walk BehindCutting Width25 into 5hour8559Snow Thrower, Walk BehindCutting Width60 into 15hour8560Snow BlowerCapacity2,000 Tphto 400hour\$			' '					\$155.50
8524 Scraper Scraper Capacity 44 CY to 600 hour \$ 8540 Loader, Skid-Steer Operating Capacity 1000 Lbs to 35 hour   8541 Loader, Skid-Steer Operating Capacity 2000 Lbs to 65 hour   8542 Loader, Skid-Steer Operating Capacity 3000 Lbs to 85 hour   8550 Snow Blower, Truck Mntd Capacity 600 Tph to 75 Does not include truck hour   8551 Snow Blower, Truck Mntd Capacity 1400 Tph to 200 Does not include truck hour   8552 Snow Blower, Truck Mntd Capacity 2000 Tph to 340 Does not include truck hour \$ 8553 Snow Blower, Truck Mntd Capacity 2500 Tph to 400 Does not include truck hour \$ 8558 Snow Thrower, Walk Behind Cutting Width 25 in to 5 hour   8559 Snow Thrower, Walk Behind Cutting Width 60 in to 15 hour \$ 8560 Snow Blower Capacity 2,000 Tph to 400 hour \$								\$270.00
8540 Loader, Skid-Steer Operating Capacity 1000 Lbs to 35 hour 8541 Loader, Skid-Steer Operating Capacity 2000 Lbs to 65 hour 8542 Loader, Skid-Steer Operating Capacity 3000 Lbs to 85 hour 8550 Snow Blower, Truck Mntd Capacity 600 Tph to 75 Does not include truck hour 8551 Snow Blower, Truck Mntd Capacity 1400 Tph to 200 Does not include truck hour 8552 Snow Blower, Truck Mntd Capacity 2000 Tph to 340 Does not include truck hour \$8553 Snow Blower, Truck Mntd Capacity 2500 Tph to 400 Does not include truck hour \$8558 Snow Thrower, Walk Behind Cutting Width 25 in to 5 hour \$8559 Snow Thrower, Walk Behind Cutting Width 60 in to 15 hour \$8560 Snow Blower Capacity 2,000 Tph to 400 hour \$8550 Snow Blower Capacity 2,000 Tph to 400 hour \$8550 Snow Blower Capacity 2,000 Tph to 400 hour \$8550 Snow Blower Capacity 2,000 Tph to 400 hour \$8550 Snow Blower Capacity 2,000 Tph to 400 hour \$8550 Snow Blower Capacity 2,000 Tph to 400 hour \$8550 Snow Blower Capacity 2,000 Tph to 400 hour \$8550 Snow Blower Capacity 2,000 Tph to 400 hour \$8550 Snow Blower Capacity 2,000 Tph to 400 hour \$8550 Snow Blower Capacity 2,000 Tph to 400 hour \$8550 Snow Blower Capacity 2,000 Tph to 400 hour \$8550 Snow Blower Capacity 2,000 Tph to 400 hour \$8550 Snow Blower Capacity 2,000 Tph to 400 Snow Blower Snow Blower Capacity 2,000 Tph to 400 Snow Blower Snow Blower Capacity 2,000 Tph Snow Blower Snow Blower Snow Blower Capacity 2,000 Tph Snow Blower Snow Blower Capacity 2,000 Tph Snow Blower Snow Blower Snow Blower Capacity 2,000 Tph Snow Blower Snow Blower Snow Blower Snow Blower Snow B		'					_	\$265.70
8541 Loader, Skid-Steer Operating Capacity 2000 Lbs to 65 hour  8542 Loader, Skid-Steer Operating Capacity 3000 Lbs to 85 hour  8550 Snow Blower, Truck Mntd Capacity 600 Tph to 75 Does not include truck hour  8551 Snow Blower, Truck Mntd Capacity 1400 Tph to 200 Does not include truck hour  8552 Snow Blower, Truck Mntd Capacity 2000 Tph to 340 Does not include truck hour  8553 Snow Blower, Truck Mntd Capacity 2500 Tph to 400 Does not include truck hour  8558 Snow Thrower, Walk Behind Cutting Width 25 in to 5 hour  8559 Snow Thrower, Walk Behind Cutting Width 60 in to 15 hour  8560 Snow Blower Capacity 2,000 Tph to 400 hour \$		•					_	
8542 Loader, Skid-Steer Operating Capacity 3000 Lbs to 85 hour  8550 Snow Blower, Truck Mntd Capacity 600 Tph to 75 Does not include truck hour  8551 Snow Blower, Truck Mntd Capacity 1400 Tph to 200 Does not include truck hour  8552 Snow Blower, Truck Mntd Capacity 2000 Tph to 340 Does not include truck hour  8553 Snow Blower, Truck Mntd Capacity 2500 Tph to 400 Does not include truck hour  8558 Snow Thrower, Walk Behind Cutting Width 25 in to 5 hour  8559 Snow Thrower, Walk Behind Cutting Width 60 in to 15 hour  8560 Snow Blower Capacity 2,000 Tph to 400 hour \$			· • • • • • • • • • • • • • • • • • • •					\$14.15 \$37.00
8550 Snow Blower, Truck Mntd Capacity 600 Tph to 75 Does not include truck hour 8551 Snow Blower, Truck Mntd Capacity 1400 Tph to 200 Does not include truck hour 8552 Snow Blower, Truck Mntd Capacity 2000 Tph to 340 Does not include truck hour \$ 8553 Snow Blower, Truck Mntd Capacity 2500 Tph to 400 Does not include truck hour \$ 8558 Snow Thrower, Walk Behind Cutting Width 25 in to 5 hour 8559 Snow Thrower, Walk Behind Cutting Width 60 in to 15 hour 8560 Snow Blower Capacity 2,000 Tph to 400 hour \$								\$36.05
8551Snow Blower, Truck MntdCapacity1400 Tphto 200Does not include truckhour8552Snow Blower, Truck MntdCapacity2000 Tphto 340Does not include truckhour8553Snow Blower, Truck MntdCapacity2500 Tphto 400Does not include truckhour8558Snow Thrower, Walk BehindCutting Width25 into 5hour8559Snow Thrower, Walk BehindCutting Width60 into 15hour8560Snow BlowerCapacity2,000 Tphto 400hour\$						Does not include truck		
8552 Snow Blower, Truck Mntd Capacity 2000 Tph to 340 Does not include truck hour \$ 8553 Snow Blower, Truck Mntd Capacity 2500 Tph to 400 Does not include truck hour \$ 8558 Snow Thrower, Walk Behind Cutting Width 25 in to 5 hour \$ 8559 Snow Thrower, Walk Behind Cutting Width 60 in to 15 hour \$ 8560 Snow Blower Capacity 2,000 Tph to 400 hour \$								\$34.60
8553 Snow Blower, Truck Mntd Capacity 2500 Tph to 400 Does not include truck hour \$ 8558 Snow Thrower, Walk Behind Cutting Width 25 in to 5 hour  8559 Snow Thrower, Walk Behind Cutting Width 60 in to 15 hour  8560 Snow Blower Capacity 2,000 Tph to 400 hour \$				,				\$94.00 \$142.50
8558         Snow Thrower, Walk Behind         Cutting Width         25 in         to 5         hour           8559         Snow Thrower, Walk Behind         Cutting Width         60 in         to 15         hour           8560         Snow Blower         Capacity         2,000 Tph         to 400         hour         \$		·		·				\$142.50
8559         Snow Thrower, Walk Behind         Cutting Width         60 in         to 15         hour           8560         Snow Blower         Capacity         2,000 Tph         to 400         hour         \$		·	· · ·			Does not include truck		\$154.80
8560 Snow Blower Capacity 2,000 Tph to 400 hour \$		·					_	\$2.80
		·						\$14.10
I DEST IS DOWN Player I Consoity I DEST I to ESS I to ESS I			<u> </u>					\$234.00
	8561	Snow Blower	Capacity	2,500 Tph	to 500		hour	\$255.00 \$284.00

8569	Dust Control De-Ice Unit	1300-2000 gal	173"Lx98"Wx51"H	5.5	Hydro Pump w/100' 1/2" hose	hour	\$3.45
8570	Loader-Backhoe, Wheel	Loader Bucket Capacity	0.5 CY	to 40	Loader and Backhoe Buckets included.	hour	\$22.15
6570	Loader-Backfloe, Wffeel	Loader Bucket Capacity	0.5 C1	10 40	Loader and Backhoe Buckets	hour	φ22.10
8571	Loader-Backhoe, Wheel	Loader Bucket Capacity	1 CY	to 70	included.  Loader and Backhoe Buckets	hour	\$29.50
8572	Loader-Backhoe, Wheel	Loader Bucket Capacity	1.5 CY	to 95	included.	hour	\$38.60
8573	Loader-Backhoe, Wheel	Loader Bucket Capacity	1.75 CY	to 115	Loader and Backhoe Buckets included.	hour	\$47.77
0500	Distributor Assista		500 0-1		burners, insulated tank, and	h	044.70
8580	Distributor, Asphalt	Tank Capacity	500 Gal		circulating spray bar. burners, insulated tank, and	hour	\$14.76
8581	Distributor, Asphalt	Tank Capacity	1000 Gal		circulating spray bar. Include	hour	\$21.30
8582	Distributor, Asphalt	Tank Capacity	4000 Gal		burners, insulated tank, and circulating spray bar. Include	hour	\$30.15
8583	Distributor	ETNYRE Oil Distributor Model - PB	348	300		hour	\$41.60
8584	Distributor	ETNYRE Quad Chip Spreader		280		hour	\$83.20
8590	Trailer, Dump	Capacity	20 CY		Does not include Prime Mover.	hour	\$11.36
0000	Trailer, Dump	Оараску			Does not include Prime	rioui	ψ11.50
8591	Trailer, Dump	Capacity	30 CY		Mover.	hour	\$13.10
8600	Trailer, Equipment	Capacity	30 Tons			hour	\$14.15
8601 8602	Trailer, Equipment Trailer, Equipment	Capacity	40 Tons 60 Tons			hour hour	\$15.50 \$18.85
8603	Trailer, Equipment	Capacity	120 Tons			hour	\$28.35
0000	Trailor, Equipment		120 1010		with sump and a rear	11001	<b>\$20.00</b>
8610	Trailer, Water	Tank Capacity	4000 Gal		spraybar. with sump and a rear	hour	\$13.50
8611	Trailer, Water	Tank Capacity	6000 Gal		spraybar.	hour	\$16.55
8612	Trailer, Water	Tank Capacity	10000 Gal		with sump and a rear spraybar.	hour	\$19.20
0012	Trailor, Water	тапк бараску	10000 Gai		with sump and a rear	Hour	ψ13.20
8613	Trailer, Water	Tank Capacity	14000 Gal		spraybar.	hour	\$23.77
8614	Truck- Water Tanker	1000 gal. tank		175		hour	\$33.35
	Tub Grinder			to 440		hour	\$95.35
8621 8622	Tub Grinder Tub Grinder			to 630 to 760		hour hour	\$143.65 \$183.60
8623	Tub Grinder			to 1000		hour	\$322.00
8627	Horizontal Grinder	Model HG6000		630		hour	\$57.36
8628	Stump Grinder	1988 Vermeer SC-112		102		hour	\$47.00
8629	Stump Grinder	24" grinding wheel		110		hour	\$45.00
8630	Sprayer, Seed	Working Capacity	750 Gal	to 30	Does not include Prime Mover.	hour	\$14.00
	•	. ,			Trailer & truck mounted.		
8631	Sprayer, Seed	Working Capacity	1250 Gal	to 50	Does not include Prime  Does not include Prime	hour	\$19.80
8632	Sprayer, Seed	Working Capacity	3500 Gal	to 115	Mover.	hour	\$29.25
8633	Mulcher, Trailer Mntd	Working Capacity	7 TPH	to 35		hour	\$14.10
8634	Mulcher, Trailer Mntd	Working Capacity	10 TPH	to 55		hour	\$20.80
8635	Mulcher, Trailer Mntd	Working Capacity	20 TPH	to 120		hour	\$29.45
8636 8637	Scraper Trailer CAT	Soil Recycler WR 2400  Double Belly Bottom-dump Trailer	w 317 gal fuel tank 26 CY of soil in one dump	563 330	13 CY of soil each berry	hour hour	\$239.85 \$92.33
0037	Trailer OAT	Barber Beach Sand Rake 600HDr,	20 OT OF SOIL IT ONE GUMP	330	13 OT OF SOIL CACIT DOTTY	rioui	ψ92.55
8638	Rake	towed				hour	\$15.40
8639	Chipper	Wildcat 626 Cougar Trommel Screen chipper w belt		125		hour	\$34.30
8640	Trailer, Office	Trailer Size	8' x 24'		Cargo Size 16ft	hour	\$1.95
8641	Trailer, Office	Trailer Size	8' x 32'		Cargo Size 24ft	hour	\$2.30
8642	Trailer, Office	Trailer Size	10' x 32'		Cargo Size 20ft	hour	\$2.65
8643	Trailer	Haz-Mat Equipment trailer	8'x18'			hour	\$37.75
8644	Trailer, Covered Utility Trailer	(7' X 16')				hour	\$5.65
8645	Trailer, Dodge Ram	8' x 24' shower trailer- 12 showers		101		hour	\$29.45
8646	Trailer, Dodge	32' flatbed water				hour	\$27.90
8650	Trencher			to 40	Wheel Mounted. Chain and Wheel.	hour	\$16.30

8651	Trencher			to 85	Wheel Mounted. Chain and Wheel.	hour	\$24.7
8654	Trencher accessories	2008 Griswold Trenchbox				hour	\$1.9
8660	Plow, Cable	Plow Depth	24 in	to 30		hour	\$12.0
8661	Plow, Cable	Plow Depth	36 in	to 65		hour	\$37.4
8662	Plow, Cable	Plow Depth	48 in	to 110		hour	\$41.2
8670	Derrick, Hydraulic Digger	Max. Boom Length	60 Ft		alignment attachment. Include truck rate	hour	\$34.1
8671	Derrick, Hydraulic Digger	Max. Boom Length	90 Ft		alignment attachment. Include truck rate	hour	\$54.6
8680	Truck, Concrete Mixer	Mixer Capacity	13 CY	to 300		hour	\$82.3
8684	Truck, Fire	100 Ft Ladder				hour	\$100.0
8690	Truck, Fire	Pump Capacity	1000 GPM			hour	\$68.0
8691	Truck, Fire	Pump Capacity	1250 GPM			hour	\$72.2
8692	Truck, Fire	Pump Capacity	1500 GPM			hour	\$78.9
8693	Truck, Fire	Pump Capacity	2000 GPM			hour	\$81.4
8694	Truck, Fire Ladder	Ladder length	75 FT			hour	\$117.1
8695	Truck, Fire Ladder	Ladder length	150 FT			hour	\$142.7
8696	Truck, Fire	No Ladder		330	Rescure Equipment	hour	\$93.4
8700	Truck, Flatbed	Maximum Gvw	15000 Lbs	to 200		hour	\$20.6
8701	Truck, Flatbed	Maximum Gvw	25000 Lbs	to 275		hour	\$35.0
8702	Truck, Flatbed	Maximum Gvw	30000 Lbs	to 300		hour	\$27.1
8703	Truck, Flatbed	Maximum Gvw	45000 Lbs	to 380		hour	\$44.7
0.00	Track, Flatboa	48ft to 53ft, flat-bed, freight, two	10000 250	10 000		1.00.	Ψ
8708	Trailer, semi	axle	50,000+ gvwr			hour	\$8.4
8709	Trailer, semi	enclosed 48 ft to 53 ft, two axles	50,000+ gvwr			hour	\$9.5
8710	Trailer, semi	28ft, single axle, freight	25,000 gvwr			hour	\$9.7
8711	Flat bed utility trailer	6 ton				hour	\$3.1
8712	Cleaner, Sewer/Catch Basin	Hopper Capacity	5 CY		Truck Mounted.	hour	\$24.8
8713	Cleaner, Sewer/Catch Basin	Hopper Capacity	14 CY		Truck Mounted.	hour	\$31.3
8714	Vactor	800 Gal Spoils/400 Gal Water	500/800 gal	49		hour	\$82.7
8715	Truck, Hydro Vac	model LP555DT				hour	\$18.0
8716	Leaf Vac	Tow by Truck 22,000 cfm capacity		85	Leaf Vac + Truck Code 8811	hour	\$51.2
8717	Truck, Vacuum	60,000 GVW		400		hour	\$74.2
8719	Litter Picker	model 2007 Barber			towed by tractor	hour	\$9.6
8720	Truck, Dump	Struck Capacity	8 CY	to 220		hour	\$48.9
8721	Truck, Dump	Struck Capacity	10 CY	to 320		hour	\$60.7
8722	Truck, Dump	Struck Capacity	12 CY	to 400		hour	\$67.7
8723	Truck, Dump	Struck Capacity	18 CY	to 400		hour	\$75.5
8724	Truck, Dump, Off Highway	Struck Capacity	28 CY	to 450		hour	\$121.2
8725	Truck, Dump	Struck Capacity	14 CY	to 400		hour	\$77.8
8730	Truck, Garbage	Capacity	25 CY	to 255		hour	\$48.5
8731	Truck, Garbage	Capacity	32 CY	to 325		hour	\$55.9
8733	E-BAM Services	Environmental Beta Attenuation Air Monitor			Powered by Solar System	hour	\$3.0
8734	Attenuator, safety	that can stop a vehicle at 60 mph			I owered by Goldi Gystem	hour	\$5.5
8735	Truck, Attenuator	2004 Truck Mounted for 60 mph				hour	\$3.8
8736		1987 Chevy Kodiak 70		175			
	Truck, tow	ŕ		350		hour	\$27.7
8744	Van, Custom	Special Service Canteen Truck		300		hour	\$18.0
8745	Van un to 15 passanger	model MT10FD		225-300		hour	\$21.2
8746	Van up to 15 passenger	light duty, class 1				hour	\$20.0
8747	Van-up to 15 passenger	light duty, class 2		225-300		hour	\$20.1
8748	Van-cargo	light duty, class 1		225 - 300		hour	\$22.2
8749	Van-cargo	light duty, class 2		225-300		hour	\$22.2
8750	Vehicle, Small			to 30		hour	\$6.4
8753	Vehicle, Recreational			to 10		hour	\$2.8
0755		Capacity	2 person	1	1	hour	\$3.7
8755 8761	Golf Cart Vibrator, Concrete	Capacity	2 porcon	to 4		hour	\$1.6

	T		T	1	I		1 ,
8771	Welder, Portable			to 34	Includes ground cable and lead cable.	hour	\$6.80
8772	Welder, Portable			to 50	Includes ground cable and lead cable.	hour	\$10.00
8773	Welder, Portable			to 80	Includes ground cable and lead cable.	hour	\$13.76
8780	Truck, Water	Tank Capacity	2500 Gal	to 175	Include pump and rear spray system.	hour	\$28.70
0704	Total Mater	Total Compatitu	4000 0 -1	1. 050	Include pump and rear spray	1	<b>#</b> 50.00
8781	Truck, Water	Tank Capacity	4000 Gal	to 250	system.	hour	\$50.00
8788	Container & roll off truck	30 yds		400		hour	\$23.05
8789	Truck, Tractor	1997 Freightliner F120		430		hour	\$54.90
8790	Truck, Tractor	4 x 2	25000 lbs	to 210		hour	\$42.40
8791	Truck, Tractor	4 x 2	35000 lbs	to 330		hour	\$46.00
8792 8794	Truck, Tractor  Truck, freight	6 x 2 Enclosed w/lift gate. Medium duty class 5	45000 lbs gvwr 16000-19500 Lbs	to 360		hour	\$52.75 \$23.25
8795	Truck, backhoe carrier	Three axle, class 8, heavy duty	over 33000Lbs			hour	\$34.50
0.00	Truck, Such les sums	Eenclosed w/lift gate. Heavy duty,	7, 26,001 to 33,000 lbs			11001	ψοσσ
8796	Truck, freight	class	gvwr			hour	\$31.00
8798	Truck	Tilt and roll-back, two axle, class 7 heavy duty,	to 33,000 gvwr			hour	\$32.00
8799	Truck,	Tilt and roll back, three axle. class 8 heavy duty	over 33,001+ gvwr			hour	\$40.60
8800	Truck, Pickup	, ,	3		When transporting people.	mile	\$0.54
8801	Truck, Pickup	1/2-ton Pickup Truck	4x2-Axle	160	1 01 1	hour	\$12.30
8802	Truck, Pickup	1-ton Pickup Truck	4x2-Axle	234		hour	\$17.65
8803	Truck, Pickup	1 1/4-ton Pickup Truck	4x2-Axle	260		hour	\$19.85
8804	Truck, Pickup	1 1/2-ton Pickup Truck	4x2-Axle	300		hour	\$22.25
8805	Truck, Pickup	1 3/4-ton Pickup Truck	4x2-Axle	300		hour	\$23.10
8806	Truck, Pickup	3/4-ton Pickup Truck	4x2-Axle	165		hour	\$13.40
8807	Truck, Pickup	3/4-ton Pickup Truck	4x4-Axle	285	Crew	hour	\$20.80
8808	Truck, Pickup	1-ton Pickup Truck	4x4-Axle	340	Crew	hour	\$22.85
8809	Truck, Pickup	1 1/4-ton Pickup Truck	4x4-Axle	360	Crew	hour	\$26.40
8810	Truck, Pickup	1 1/2-ton Pickup Truck	4x4-Axle	362	Crew	hour	\$26.75
8811	Truck, Pickup	1 3/4-ton Pickup Truck	4x4-Axle	362	Crew	hour	\$27.50
8820	Skidder accessory	2005 JCB Grapple Claw				hour	\$1.75
8821	Forklift, accessory	2005 ACS Grapple Bucket				hour	\$1.50
8822	Truck, Loader	Debris/Log (Knuckleboom Loader/Truck)		230		hour	\$52.26
8823	Chipper- Wood Recycler	Cat 16 engine		700		hour	\$115.00
8824	Skidder	model Cat 525B		up to 160		hour	\$62.90
8825	Skidder	40K lbs- model Cat 525C		161 and up		hour	\$118.77
8840	Truck, service	fuel and lube	up to 26,000 gvwr	215-225		hour	\$38.65
8841	Truck, fuel	2009 International 1,800 gal. storage tank		200		hour	\$30.50
8842		(8' X 28') with 7.5 KW Generator		200		hour	
0042	Mobile Command Trailer	V 7 20 / WILLI 7.5 KVV GEHEIDIOI				hour	\$14.66
8843	Mobile Response Trailer	(8' X 31') with 4.5 KW Generator?				hour	\$13.60
8844	Mobile Command Center	(unified) (RV) Ulitimaster MP-35	43 FT Long with Generator	400		hour	\$75.00
8845	Mobile Command Post Vehicle	(RV) (In- Motion) (RV) (Stationary) w/9.6 KW	22-Ft Long	340		hour	\$31.00
8846	Mobile Command Post Vehicle Mobile Command Center	Generator 48'x8' Trailer, Fully Equiped Mobile	22-Ft Long	340		hour	\$19.25
8847	(Trailer)	Command Center	48-Ft Long			hour	\$29.45
8848	Mobile Command Center (Trailer)	48'x8' When being Moved w/Truck Tractor		310		hour	\$48.90
8849	Mobile Command Center	43'x8.5' x 13.5'H with self 30kw Generator				hour	\$52.00
8850	Mobile Command Center	2007-Freightliner MT-55, (RV)		260		hour	\$45.50
		1990- Ford Econoline-					
8851	Mobile Command Van	Communication Van 47.5' X 8.75 Fully Equip' (In		230		hour	\$41.00
8852	Mobile Command Center	motion) (RV) 47.5' X 8.75 Fully Equip'		410		hour	\$65.30
8853	Mobile Command Center	(Stationary)		410		hour	\$45.00

8854	Mobile Command Vehicle	53' X 8.75 Fully Equip		480-550		hour	\$96.20
0070	Lista Torres	Terex/Amida AL 4000. with (4)	/40	13.5			<b>040.00</b>
8870	Light Tower	500 watt lights	w/10kw power unit	13.5		hour	\$10.68
8871	Light Tower	2004 Allmand		4.5		hour	\$6.30
8872	SandBagger Machine	(Spider) automatic OH-58 KIOWA (Military) is the		4.5		hour	\$48.75
8900	Helicopter	same as "Bell-206B3		420		hour	\$474.00
8901	Helicopter	OH-58 KIOWA (Military) is the same as "Bell-206BR		420		hour	\$496.00
8902	Helicopter	Model Bell 206-L3 Jet Range Helicopter		650	Jet Range III-Helicopter	hour	\$582.00
8903	Helicopter	Model Bell 206L1 Long Ranger		650	Long Ranger	hour	\$596.00
0004	I lalianatas	Model Bell 206LT Long Range Twinranger		450	Twinranger	h a	¢700.00
8904 8905	Helicopter	Model Bell 407 EMS- Ambulance		250	i willianger	hour	\$780.00
	Helicopter			310		hour	\$626.00
8906	Piper-Fixed wing	Model Navajo PA-31 PA-31-350, Navajo Chieftn twin		310		hour	\$456.00
8907	Piper-Fixed wing	engine		350		hour	\$487.00
8908	Sikorsky Helicopter	Model UH-60 (Blackhawk) medium lift	Medium Lift	1890	Fire Fighter Same as S70C	hour	\$2,945.00
8909	Helicopter	Model UH-A (Blackhawk) Medium lift	Medium Lift	1890	Fire Fighter	hour	\$5,504.00
8910	Boeing Helicopter	Model CH-47 (Chinook) heavy lift	Heavy Lift	2850	Fire Fighter	hour	\$10,750.00
8911	Helicopter- light utility	Model Bell 407GX - 7 seater	7-Seaters	675	Passenger Aircraft	hour	\$621.00
8912	Helicopter- light utility	Modle Bell 206L- 7 seater	7-Seaters	420	Passenger Aircraft	hour	\$596.00
8913	Helicopter	Model Bell-206L4		726		hour	\$576.00
8914	King Air 200 Turboprop Aircraft	Blackhawk King Air B200XP61		669		hour	\$1,316.00
8915	Turboprops Blackhawk Aircraft	Blackhawk Caravan XP42 A		850		hour	\$697.00
8916	Turboprops Blackhawk Aircraft	King Air C90 XP135 A		550		hour	\$1,075.00
8917	Aerostar Piston Aircraft	Aerostar 601P		290		hour	\$447.00
8943	Wire Puller Machine	Overhead Wire Pulling Machine		30	Overhead/Underground Wire Pulling Machine	hour	\$19.85
8944	Wire Tensioning Machine	3000 Lbs			Overhead Wire Tensioning Machine	hour	\$14.50
8945	Aerial Lift	model 2008 Genie Scissor Lift	·			hour	\$6.30

## City of Palm Coast, Florida Agenda Item

Agenda Date: 02/12/2019

DepartmentPLANNINGAmountItem Key5975Account

Subject RESOLUTION 2019-XX APPROVAL OF THE STATE HOUSING INITIATIVES

PARTNERSHIP (SHIP) PROGRAM - LOCAL HOUSING ASSISTANCE PLAN FOR

FY 2020 TO 2022

**Background :** In 1992, the State Legislature passed the Sadowski Affordable Housing Act. This housing program is commonly known as the State Housing Initiatives Partnership or SHIP program. The affordable housing program is funded through documentary tax stamps on recorded deeds and may be used for a variety of affordable housing strategies. In April 2009, the City of Palm Coast and Flagler County entered into an Interlocal Agreement to create a Joint Local Housing Assistance Program. The ILA allows the City and Flagler County to coordinate on housing affordable activities including having Flagler County as the administrator and coordinator of the SHIP program.

Per SHIP program rules, a recipient program must submit a one-, two-, or three-year Local Housing Assistance Plan (LHAP). An LHAP documents the strategies/activities to be funded with SHIP funds. The proposed LHAP will cover the next three years. (FY 2020 to 2022).

The LHAP proposes to continue with the activities currently allowed by the adopted LHAP, which include: down payment assistance, owner-occupied rehabilitation assistance (including demolition and reconstruction), foreclosure prevention, disaster repair/mitigation, emergency repair and rental assistance.

The proposed changes in the LHAP include:

- Clarification on Down Payment Assistance strategy: Debt-to-income ratio limit of 33/40;
   minimum homebuyer contribution of 1% of purchase price
- condos and other attached homes are not eligible for repair assistance, unless Disaster Recovery related, and
- the addition of a new activity to provide rental development assistance. This activity will provide financial assistance of \$50,000 to \$100,000 for developers of rental units.

As specified in the City of Palm Coast-Flagler County Interlocal Agreement for Joint Local Housing Assistance Program, the LHAP is approved by the governing bodies of Palm Coast and Flagler County.

The approved document will be transmitted to Florida Housing Finance Corp. for review and may be further amended based on comments from Florida Housing Finance.

Previous City Council action on this item included the approval of the Affordable Housing Incentives Report on October 6, 2015 and approval of the LHAP on February 16, 2016. As well as the approval of amendments in August 2018.

**Recommended Action :** Staff recommends approval.

#### RESOLUTION 2019 -\_\_\_ SHIP PROGRAM – LOCAL HOUSING ASSISTANCE PLAN (LHAP) FY2020-2022

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PALM COAST, FLORIDA, APPROVING THE STATE HOUSING INITIATIVES PARTNERSHIP (SHIP) PROGRAM LOCAL HOUSING ASSISTANCE PLAN FOR FY 2020-2022, AS REQUIRED BY THE SHIP PROGRAM ACT, SUBSECTIONS 420.907 THROUGH 420.9079, FLORIDA STATUTES, AND RULE CHAPTER 67-37, FLORIDA ADMINISTRATIVE CODE; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; PROVIDING FOR IMPLEMENTING ACTIONS AND PROVIDING FOR AN EFFECTIVE DATE.

**WHEREAS**, the City Council of the City of Palm Coast and Flagler County Board of County Commissioners entered into an Interlocal Agreement for a Joint Local Housing Assistance Program on April 7, 2009; and

WHEREAS, the State of Florida enacted the William E. Sadowski Affordable Housing Act, Chapter 92-317 of Florida Sessions Laws, allocating a portion of documentary stamp taxes on deeds to local governments for the development and maintenance of affordable housing; and

WHEREAS, the State Housing Initiatives Partnership (SHIP) Act, Sections 420.907 through 420.9079, Florida Statutes, and Rule Chapter 67-37, Florida Administrative Code, requires local governments to develop a one to three-year Local Housing Assistance Plan outlining how funds will be used; and

**WHEREAS,** the SHIP Act requires local governments to establish the maximum SHIP funds allowable for each strategy; and

WHEREAS, the SHIP Act further requires local governments to establish an average area purchase price for new and existing housing benefiting from awards made pursuant to the Act; the methodology and purchase prices used are defined in the attached Local Housing Assistance Plan; and

WHEREAS, the Affordable Housing Advisory Committee (AHAC) has recommended approval of the three-year Local Housing Assistance Plan for submission to the Florida Housing Finance Corporation; and

**WHEREAS**, the City Council finds that it is in the best interest of the public to approve the Local Housing Assistance Plan.

Resolution 2019-\_\_\_\_ Page 1 of 2 NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF PALM COAST, FLORIDA, AS FOLLOWS:

SECTION 1. APPROVAL OF THE LOCAL HOUSING ASSISTANCE PLAN. The City Council of the City of Palm Coast hereby approves the Local Housing Assistance Plan, as attached hereto and incorporated herein by reference as Exhibit "A."

**SECTION 2. SEVERABILITY.** If any section or portion of a section of this Resolution proves to be invalid, unlawful, or unconstitutional, it shall not be held to invalidate or impair the validity, force, or effect of any other section or part of this Resolution.

**SECTION 3. CONFLICTS.** All resolutions or parts of resolutions in conflict with any of the provisions of this Resolution are hereby repealed.

**SECTION 4. IMPLEMENTING ACTIONS.** The City Manager is hereby authorized to take any actions necessary to implement the action taken in this Resolution.

**SECTION 5. EFFECTIVE DATE.** This Resolution shall take effect immediately upon adoption by the City Council.

**DULY PASSED AND ADOPTED** by the City Council of the City of Palm Coast, Florida, on this 19<sup>th</sup> day of February 2019.

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ATTEST:	MILISSA HOLLAND, MAYOR
VIRGINIA A. SMITH, CITY CLERK	_
Attachments: Exhibit "A" – FY 2020-2022 Loca	Housing Assistance Plan
Approved as to form and legality	
William E. Reischmann, Jr., Esq. City Attorney	

Resolution 2019-\_\_\_\_ Page 2 of 2



## FLAGLER COUNTY/CITY OF PALM COAST

# STATE HOUSING INITIATIVES PARTNERSHIP (SHIP) LOCAL HOUSING ASSISTANCE PLAN (LHAP)

2019-2020, 2020-2021, 2021-2022



#### **Table of Contents**

Description	Page #			
Section I, Program Details				
Section II, Housing Strategies				
A. Down Payment Assistance				
B. Owner Occupied Rehabilitation				
C. Emergency Repair				
D. Demolition and Reconstruction				
E. Foreclosure Prevention				
F. Disaster Recovery				
G. Rental Assistance				
H. Rental Development				
Section III, Incentive Strategies				
A. Expedited Permitting				
B. Ongoing Review Process				
C. Other Incentive Strategies				
Exhibits				
A. Administrative Budget for each fiscal year covered in the Plan				
B. Timeline for Estimated Encumbrance and Expenditure				
C. Housing Delivery Goals Chart (HDGC) For Each Fiscal Year Covered in the plan				
D. Signed LHAP Certification				
E. Signed, dated, witnessed or attested adopting resolution				
F. Ordinance: (If changed from the original creating ordinance)				
G. Interlocal Agreement				



#### I. Program Details:

#### A. Local Government(s)

Name of Local Government	Flagler County
Does this LHAP contain an interlocal agreement?	Yes
If yes, name of other local government(s)	City of Palm Coast

#### B. Purpose of the program:

- To meet the housing needs of the very low, low and moderate-income households;
- To expand production of and preserve affordable housing; and
- To further the housing element of the local government comprehensive plan specific to affordable housing.
- C. Fiscal years covered by the Plan: 2019-2020, 2020-2021, 2021-2022
- **D. Governance:** The SHIP Program is established in accordance with Section 420.907-9079, Florida Statutes and Chapter 67-37, Florida Administrative Code. Cities and Counties must be in compliance with these applicable statutes, rules and any additional requirements as established through the Legislative process.
- **E. Local Housing Partnership:** The SHIP Program encourages building active partnerships between government, lending institutions, builders and developers, not-for-profit and community-based housing providers and service organizations, providers of professional services related to affordable housing, advocates for low-income persons, real estate professionals, persons or entities that can provide housing or support services and lead agencies of the local continuums of care.
- **F.** Leveraging: The Plan is intended to increase the availability of affordable residential units by combining local resources and cost saving measures into a local housing partnership and using public and private funds to reduce the cost of housing. SHIP funds may be leveraged with or used to supplement other Florida Housing Finance Corporation programs and to provide local match to obtain federal housing grants or programs.
- **G. Public Input**: Public input was solicited through face to face meetings with housing providers, social service providers and local lenders and neighborhood associations. Public input was solicited through the local newspaper in the advertising of the Local Housing Assistance Plan and the Notice of Funding Availability.
- **H.** Advertising and Outreach: SHIP funding availability shall be advertised in a newspaper of general circulation and periodicals serving ethnic and diverse neighborhoods, at least 30 days before the beginning of the application period. If no funding is available due to a waiting list, no notice of funding availability is required.
- I. Waiting List/Priorities: A notification list will be established when there are interested applicants for strategies that no longer have funding available. Those households on the notification list will be notified periodically of funding availability. No waiting list will be maintained as assistance is provided on a first-qualified, first-served basis with the established funding priorities described in this plan.



The following priorities for funding described/listed here apply to all strategies unless otherwise stated:

- a. Special Needs
  - i. Very Low Income
  - ii. Low Income
  - iii. Moderate Income
- b. Essential Services Personnel
  - i. Very Low Income
  - ii. Low Income
  - iii. Moderate Income
- c. Non-Special Needs and Non-Essential Services Personnel
  - i. Very Low Income
  - ii. Low Income
- **J. Discrimination:** In accordance with the provisions of ss.760.20-760.37, it is unlawful to discriminate on the basis of race, color, religion, sex, national origin, age, handicap, or marital status in the award application process for eligible housing.
- K. Support Services and Counseling: Support services are available from various sources. Available support services may include but are not limited to: Homeownership Counseling (Pre and Post), Credit Counseling, Tenant Counseling, Foreclosure Counseling, and Financial Coaching and Budget Management through qualified HUD-approved agencies. When funding is available the County will contract with HUD-certified agencies to provide comprehensive housing counseling and education services to residents in need of affordable housing.
- L. Purchase Price Limits: The sales price or value of new or existing eligible housing may not exceed 90% of the average area purchase price in the statistical area in which the eligible housing is located. Such average area purchase price may be that calculated for any 12-month period beginning not earlier than the fourth calendar year prior to the year in which the award occurs. The sales price of new and existing units, which can be lower but may not exceed 90% of the median area purchase price established by the U.S. Treasury Department or as described above.

#### The methodology used is:

U.S. Treasury Department	Х
Local HFA Numbers	

**M.** Income Limits, Rent Limits and Affordability: The Income and Rent Limits used in the SHIP Program are updated annually by the Department of Housing and Urban Development and posted at <a href="https://www.floridahousing.org">www.floridahousing.org</a>.

"Affordable" means that monthly rents or mortgage payments including taxes and insurance do not exceed 30 percent of that amount which represents the percentage of the median annual gross income for the households as indicated in Sections 420.9071, F.S. However, it is not the intent to limit an individual household's ability to devote more than 30% of its income for housing, and housing for which a household



devotes more than 30% of its income shall be deemed Affordable if the first institutional mortgage lender is satisfied that the household can afford mortgage payments in excess of the 30% benchmark and in the case of rental housing does not exceed those rental limits adjusted for bedroom size.

- **N. Welfare Transition Program:** Should an eligible sponsor be used, a qualification system and selection criteria for applications for Awards to eligible sponsors shall be developed, which includes a description that demonstrates how eligible sponsors that employ personnel from the Welfare Transition Program will be given preference in the selection process.
- O. Monitoring and First Right of Refusal: In the case of rental housing, the staff and any entity that has administrative authority for implementing the local housing assistance plan assisting rental developments shall annually monitor and determine tenant eligibility or, to the extent another governmental entity provides periodic monitoring and determination, a municipality, county or local housing financing authority may rely on such monitoring and determination of tenant eligibility. However, any loan or grant in the original amount of \$10,000 or less shall not be subject to these annual monitoring and determination of tenant eligibility requirements. Tenant eligibility will be monitored annually for no less than 15 years or the term of assistance whichever is longer unless as specified above. Eligible sponsors that offer rental housing for sale before 15 years or that have remaining mortgages funded under this program must give a first right of refusal to eligible nonprofit organizations for purchase at the current market value for continued occupancy by eligible persons.
- **P.** Administrative Budget: A line-item budget is attached as <u>Exhibit A</u>. The County finds that the moneys deposited in the local housing assistance trust fund are necessary to administer and implement the local housing assistance plan.

**Section 420.9075 Florida Statute and Chapter 67-37, Florida Administrative Code, states:** "A county or an eligible municipality may not exceed the 5 percent limitation on administrative costs, unless its governing body finds, by resolution, that 5 percent of the local housing distribution plus 5 percent of program income is insufficient to adequately pay the necessary costs of administering the local housing assistance plan."

Section 420.9075 Florida Statute and Chapter 67-37, Florida Administrative Code, further states: "The cost of administering the program may not exceed 10 percent of the local housing distribution plus 5 percent of program income deposited into the trust fund, except that small counties, as defined in s. 120.52(19), and eligible municipalities receiving a local housing distribution of up to \$350,000 may use up to 10 percent of program income for administrative costs." The applicable local jurisdiction has adopted the above findings in the resolution attached as Exhibit E.

Q. Program Administration: Administration of the local housing assistance plan will be performed by:

Entity	Duties	Percentage
Local Government	All administrative duties	100%
Third Party Entity/Sub-recipient	N/A	

**R. Project Delivery Costs:** Range between 2-5% for expenses not covered by administrative budget, such as home inspections, title searches, recording fees, as well as housing counseling and education services.



- **S. Essential Service Personnel Definition:** All county residents meeting program income limits and working full-time as a first responder, educator, or health care professional.
- T. Describe efforts to incorporate Green Building and Energy Saving products and processes: Flagler County encourages the incorporation of sustainable, storm-resistant innovative design and energy and water conservation into new construction and rehabilitation projects for ongoing sustainability and affordability. The County will, when economically feasible, employ the following Green Building requirements on new construction, rehabilitation and emergency repair projects:
  - 1. Low or No-VOC paint for all interior walls (Low-VOC means 50 grams per liter or less for flat paint; 150 grams per liter or less for non-flat paint);
  - 2. Low-flow or high-efficiency water fixtures in bathrooms—Florida Water Star qualified or WaterSense labeled products or the following specifications:
    - a. Toilets: dual flush, 1.28 gallons/flush or less,
    - b. Faucets: 1.5 gallons/minute or less,
    - c. Showerheads: 2.0 gallons/minute or less;
  - 3. Energy Star qualified water heater;
  - 4. Energy Star qualified refrigerator;
  - 5. Energy Star qualified dishwasher, if provided;
  - 6. Energy Star qualified washing machine, if provided in units;
  - 7. Energy Star qualified exhaust fans in all bathrooms; and
  - 8. Air conditioning: Minimum SEER of 16. Packaged units are allowed in studios and one bedroom units with a minimum of 11.7 EER.
  - 9. Attic (ceiling) insulation: Minimum of R-38
  - 10. Light Emitting Diode (LED) bulbs or Energy Star light bulbs
- **U. Describe efforts to meet the 20% Special Needs set-aside:** The County will partner with social service agencies serving the designated special needs populations to achieve the goal of the special needs set-aside. The goals will be met through the owner-occupied rehabilitation, emergency repair, and rental assistance strategies.
- V. Describe efforts to reduce homelessness: The County works with the local Continuum of Care (CoC) and agencies serving persons experiencing homelessness primarily through partnerships, referrals, and rental assistance to place these individuals and families in rental housing for the purpose of providing a stable housing situation. The County uses SHIP funding to prevent homelessness through the foreclosure prevention and eviction prevention programs.



#### Section II. LHAP Strategies:

### A. Down Payment Assistance Code 1, 2

a. Summary: Funds will be awarded for down payment and closing costs to first-time homebuyers to purchase a newly constructed or existing home. A newly constructed home must have received a Certificate of Occupancy within the last 12 months.

Prospective homebuyers must qualify as a first-time homebuyer under the HUD definition: An individual who has had no ownership in the principal residence during the 3-year period ending on the date of purchase of property. This includes a spouse (if either meets the above test, they are considered first-time homebuyers). A single parent who has only owned with a former spouse while married. An individual who is a displaced homemaker and has only owned with a spouse. An individual who has only owned a principal residence not permanently affixed to a permanent foundation in accordance with applicable regulations. An individual who has only owned a property that was not in compliance with state, local or model building codes and which cannot be brought into compliance for less than the cost of constructing a permanent structure.

b. Fiscal Years Covered: 2019-2020, 2020-2021, 2021-2022

c. Income Categories to be served: Very Low, Low and Moderate

d. Maximum award: Very Low \$35,000

Low \$25,000 Moderate \$10,000

e. Terms:

1. Repayment loan/deferred loan/grant: Deferred Loan

2. Interest Rate: 0%

3. Years in loan term: 15

- 4. Forgiveness: Loan will be forgiven at the end of the term. However, if the homeowner defaults on the loan within the first 5 years, the entire balance will become due and payable. If default occurs between years 6 and 15, there will be a reduction of 10% of the loan balance per year for each year of ownership and primary residence. There will be no forgiveness period between years 1 to 5.
- 5. Repayment: None required as long as the loan is in good standing.
- 6. Default: The loan will be determined to be in default if any of the following occurs during the loan term: sale, transfer, or conveyance of property; conversion to a rental property; loss of homestead exemption status; or failure to occupy the home as primary residence. If any of these occur, the outstanding balance will be due and payable. Any payoff funds due to the County must be repaid within 180 days.

## SHIP LHAP Template 2016-001 [eff. Date 9/11/2018]



In cases where the qualifying homeowner(s) die(s) during the loan term, the loan may be assumed by a SHIP eligible heir who will occupy the home as a primary residence. If the legal heir is not SHIP eligible or chooses not to occupy the home, the outstanding balance of the loan will be due and payable. Any payoff funds due to the County must be repaid within 180 days.

If the home is foreclosed on by a superior mortgage holder, the County will make an effort to recapture funds through the legal process if it is determined that adequate funds may be available to justify pursuing a recapture payment. If the home must be sold as a short sale due to a catastrophic event or qualifying hardship (i.e. loss of employment/income, death of household member, divorce, extended illness or disability), the short sale policies and procedures governing the first mortgage shall prevail (i.e. Fannie Mae, Freddie Mac, or FHA short sale guidelines) and the County will make an efforts to recapture funds according to the short sale guidelines. All repayments from this program will be considered program income.

Flagler County reserves the right to buy a property that has a SHIP mortgage at a foreclosure or tax lien sale in order to protect its loan interest.

As per Flagler County Subordination Policy, an applicant may refinance the first mortgage loan to reduce the monthly payment through a lower interest rate and/or shorten the loan payoff period if the subordination request meets the eligibility guidelines.

- f. Recipient Selection Criteria: Applicants will be assisted on a first-qualified, first-served basis.
- g. Sponsor Selection Criteria: N/A
- h. Additional Information: Applicants must secure a first mortgage through an approved lender (no private owner or seller financing). Loan will be awarded on a case-by-case basis in the amount of minimum subsidy required in order to allow the homebuyer to purchase an affordable home. Debt-to-income (DTI) ratio cannot exceed 33/40. The maximum award will not be awarded in all cases. Homebuyer must contribute a minimum of 1% of contract price towards the purchase. Purchase of manufactured/mobile homes less than 5 years old are eligible for assistance. Home must be located in Flagler County.

### B. Owner Occupied Rehabilitation Code 3

- a. Summary: Funds will be awarded to repair owner-occupied homes to alleviate code violations, health hazards, life and safety issues, accessibility, electrical, plumbing, roofing, windows and other structural items. Cosmetic items may be included if funds are available after completing all necessary repairs.
- b. Fiscal Years Covered: 2019-2020, 2020-2021, 2021-2022
- c. Income Categories to be served: Very Low, Low
- d. Maximum award: \$50,000



#### e. Terms:

1. Repayment loan/deferred loan/grant: Deferred Loan

2. Interest Rate: 0%

3. Years in loan term: 15

- 4. Forgiveness: Loan will be forgiven at the end of the term. However, if the homeowner defaults on the loan within the first 5 years, the entire balance will become due and payable. If default occurs between years 6 and 15, there will be a reduction of 10% of the loan balance per year for each year of ownership and primary residence. There will be no forgiveness period between years 1 to 5.
- 5. Repayment: None required as long as the loan is in good standing.
- 6. Default: The loan will be determined to be in default if any of the following occurs during the loan term: sale, transfer, or conveyance of property; conversion to a rental property; loss of homestead exemption status; or failure to occupy the home as primary residence. If any of these occur, the outstanding balance will be due and payable. Any payoff funds due to the County must be repaid within 180 days.

In cases where the qualifying homeowner(s) die(s) during the loan term, the loan may be assumed by a SHIP eligible heir who will occupy the home as a primary residence. If the legal heir is not SHIP eligible or chooses not to occupy the home, the outstanding balance of the loan will be due and payable. Any payoff funds due to the County must be repaid within 180 days.

If the home is foreclosed on by a superior mortgage holder, the County will make an effort to recapture funds through the legal process if it is determined that adequate funds may be available to justify pursuing a recapture payment. If the home must be sold as a short sale due to a catastrophic event or qualifying hardship (i.e. loss of employment/income, death of household member, divorce, extended illness or disability), the short sale policies and procedures governing the first mortgage shall prevail (i.e. Fannie Mae, Freddie Mac, or FHA short sale guidelines) and the County will make an efforts to recapture funds according to the short sale guidelines. All repayments from this program will be considered program income.

Flagler County reserves the right to buy a property that has a SHIP mortgage at a foreclosure or tax lien sale in order to protect its loan interest.

As per Flagler County Subordination Policy, an applicant may refinance the first mortgage loan to reduce the monthly payment through a lower interest rate and/or shorten the loan payoff period if the subordination request meets the eligibility guidelines.

- f. Recipient Selection Criteria: Applicants will be ranked for assistance based on a first-qualified, first-served basis with the priorities for Special Needs, Essential Services Personnel, and income groups as described in Section I. of this plan.
- g. Sponsor Selection Criteria: N/A
- h. Additional Information: Mobile homes, condos, and other attached homes are not eligible. Home must be located in Flagler County.



#### C. Emergency Repair Code 6

a. Summary: Funds will be awarded to applicants in need of rehabilitation of their home related to a dire situation that needs to be mitigated immediately. This includes: damaged roofing that is leaking, damaged windows causing exposure to the elements, or electrical or plumbing problems that could cause damage to the home or is an immediate health hazard to the occupants. Funds may also be awarded to pay insurance deductibles for any emergency repairs covered by the homeowner's insurance policy.

b. Fiscal Years Covered: 2019-2020, 2020-2021, 2021-2022

c. Income Categories to be served: Very Low, Low

d. Maximum award: \$15,000

e. Terms:

1. Repayment loan/deferred loan/grant: Deferred Loan

2. Interest Rate: 0%

3. Years in loan term: 10

4. Forgiveness: Loan will be forgiven on a prorated basis so that 10% is forgiven annually.

5. Repayment: None required as long as the loan is in good standing.

6. Default: The loan will be determined to be in default if any of the following occurs during the loan term: sale, transfer, or conveyance of property; conversion to a rental property; loss of homestead exemption status; or failure to occupy the home as primary residence. If any of these occur, the outstanding balance will be due and payable. Any payoff funds due to the County must be repaid within 180 days.

In cases where the qualifying homeowner(s) die(s) during the loan term, the loan may be assumed by a SHIP eligible heir who will occupy the home as a primary residence. If the legal heir is not SHIP eligible or chooses not to occupy the home, the outstanding balance of the loan will be due and payable. Any payoff funds due to the County must be repaid within 180 days.

If the home is foreclosed on by a superior mortgage holder, the County will make an effort to recapture funds through the legal process if it is determined that adequate funds may be available to justify pursuing a recapture payment. If the home must be sold as a short sale due to a catastrophic event or qualifying hardship (i.e. loss of employment/income, death of household member, divorce, extended illness or disability), the short sale policies and procedures governing the first mortgage shall prevail (i.e. Fannie Mae, Freddie Mac, or FHA short sale guidelines) and the County will make an efforts to recapture funds according to the short sale guidelines. All repayments from this program will be considered program income.

Flagler County reserves the right to buy a property that has a SHIP mortgage at a foreclosure or tax



lien sale in order to protect its loan interest.

As per Flagler County Subordination Policy, an applicant may refinance the first mortgage loan to reduce the monthly payment through a lower interest rate and/or shorten the loan payoff period if the subordination request meets the eligibility guidelines.

- f. Recipient Selection Criteria: Applicants will be ranked for assistance on a first-qualified, first-served basis with the priorities for Special Needs, Essential Services Personnel, and income groups as described in Section I. of this plan.
- g. Sponsor Selection Criteria: N/A
- h. Additional Information: Mobile homes, condos, and other attached homes are not eligible. Home must be located in Flagler County.

#### D. Demolition and Reconstruction

Code 4

- a. Summary: Funds will be awarded to applicants who have been approved for owner occupied rehabilitation and the home is beyond reasonable repair (more than 50% of structure is deemed unlivable and estimated rehab exceeds maximum award for that strategy). This includes manufactured/mobile homes.
- b. Fiscal Years Covered: 2019-2020, 2020-2021, 2021-2022
- c. Income Categories to be served: Very Low, Low
- d. Maximum award: \$125,000
- e. Terms:
  - 1. Repayment loan/deferred loan/grant: Deferred Loan
  - 2. Interest Rate: 0%
  - 3. Years in loan term: 30
  - 4. Forgiveness: Loan will be forgiven at the end of the term. However, if the homeowner defaults on the loan within the first 10 years, the entire balance will become due and payable. If default occurs between years 11 and 30, there will be a reduction of 5% of the loan balance per year for each year of ownership and primary residence. There will be no forgiveness period between years 1 to 10.
  - 5. Repayment: None required as long as the loan is in good standing.
  - 6. Default: The loan will be determined to be in default if any of the following occurs during the loan term: sale, transfer, or conveyance of property; conversion to a rental property; loss of homestead exemption status; or failure to occupy the home as primary residence. If any of these occur, the outstanding balance will be due and payable. Any payoff funds due to the County must be repaid within 180 days.



In cases where the qualifying homeowner(s) die(s) during the loan term, the loan may be assumed by a SHIP eligible heir who will occupy the home as a primary residence. If the legal heir is not SHIP eligible or chooses not to occupy the home, the outstanding balance of the loan will be due and payable. Any payoff funds due to the County must be repaid within 180 days.

If the home is foreclosed on by a superior mortgage holder, the County will make an effort to recapture funds through the legal process if it is determined that adequate funds may be available to justify pursuing a recapture payment. If the home must be sold as a short sale due to a catastrophic event or qualifying hardship (i.e. loss of employment/income, death of household member, divorce, extended illness or disability), the short sale policies and procedures governing the first mortgage shall prevail (i.e. Fannie Mae, Freddie Mac, or FHA short sale guidelines) and the County will make an efforts to recapture funds according to the short sale guidelines. All repayments from this program will be considered program income.

Flagler County reserves the right to buy a property that has a SHIP mortgage at a foreclosure or tax lien sale in order to protect its loan interest.

As per Flagler County Subordination Policy, an applicant may refinance the first mortgage loan to reduce the monthly payment through a lower interest rate and/or shorten the loan payoff period if the subordination request meets the eligibility guidelines.

- f. Recipient Selection Criteria: Applicants will be ranked for assistance based on a first-qualified, first-served basis with the priorities for Special Needs, Essential Services Personnel, and income groups as described in Section I. of this plan.
- g. Sponsor Selection Criteria: N/A
- h. Additional Information: Condos and other attached homes are not eligible. Home must be located in Flagler County.

#### E. Foreclosure Prevention

Code 7

- a. Summary: Funds will be awarded to homeowners that are in arrears on their first mortgage. The arrearage must be at least 2 months but no more than 6 months and cannot be under an active foreclosure action.
- b. Fiscal Years Covered: 2019-2020, 2020-2021, 2021-2022
- c. Income Categories to be served: Very low, low and moderate
- d. Maximum award: \$4,000
- e. Terms:
  - 1. Repayment loan/deferred loan/grant: Grant
  - 2. Interest Rate: N/A



3. Years in loan term: N/A

Forgiveness: N/A
 Repayment: N/A

6. Default: N/A

- f. Recipient Selection Criteria: In addition to being selected on a first-qualified, first-served basis, applicants must:
  - 1) Provide proof on the arrearage in the form of notification from the mortgage holder. This cannot be from a private mortgage holder.
  - 2) Provide evidence of a hardship that caused the arrearage (i.e. loss of employment/income, death of household member, divorce, extended illness or disability).
  - 3) Provide a written statement as evidence of the ability to resume making mortgage payments after the assistance is provided that includes an explanation of how the hardship has been overcome and an indication of the budget plan that will allow for resumption of payments.
  - 4) Receive counseling from a HUD-approved agency trained in foreclosure counseling as assigned by County staff. The counseling agency must sign off on the budget plan.
- g. Sponsor/Sub-recipient Selection Criteria: N/A
- h. Additional Information: Manufactured/mobile homes are not eligible. Home must be located in Flagler County.

#### F. Disaster Recovery Code 5

- a. Summary: Funds will be awarded to applicants in need of short-term rental assistance or home repairs directly caused by a disaster that is declared by an Executive Order of the President or Governor. Repairs will be prioritized as follows:
  - 1) Immediate threats to health and life safety (well, sewer, damaged windows, roofing) in cases where the home is still habitable.
  - 2) Imminent residual damage to the home (such as damage caused by a leaking roof) in cases where the home is still habitable.
  - 3) Repairs necessary to make the home habitable.
  - 4) Repairs to mitigate dangerous situations.

In addition, funds may be used for the following items:

- a) Purchase of emergency supplies for eligible households to weatherproof damaged homes;
- b) Construction of wells or repair of existing wells where public water is not available;
- c) Payment of insurance deductibles for rehabilitation of homes covered under homeowner's insurance policies;
- Security deposit and rental assistance for the duration of the Executive Order for eligible recipients that have been displaced from their homes due to damage from the declared disaster;
- e) Repairs necessary to make the home habitable for non-insured homeowners;



f) Other activities as proposed by the County and approved by Florida Housing.

b. Fiscal Years Covered: 2019-2020, 2020-2021, 2021-2022

c. Income Categories to be served: Very Low, Low and Moderate

d. Maximum award: \$10,000

Deductible: \$5,000 Rental Assistance: \$5,000

e. Terms:

1. Repayment loan/deferred loan/grant: Grant

2. Interest Rate: N/A

3. Years in loan term: N/A

Forgiveness: N/A
 Repayment: N/A

6. Default: N/A

- f. Recipient Selection Criteria: Applicants will be assisted on a first-qualified, first-served basis with priority to seniors (62+ years old), special needs, and very low and low income households. In addition, applicants must:
  - 1) Provide proof of homeowner's insurance
  - 2) File for and use proceeds from insurance as first option
- g. Sponsor Selection Criteria: N/A
- h. Additional Information: Funds for disaster assistance will only be allocated from unencumbered funds or additional funds awarded through Florida Housing Finance Corporation for the disaster.

  Manufactured/mobile homes are not eligible. Home must be located in Flagler County.

#### G. Rental Assistance Code 13, 23, 26

- a. Summary: Funds will be awarded to renters that are in need of assistance for: a) security and utility deposit assistance; b) eviction prevention not to exceed 6 months' rent; and/or c) rent subsidies for up to 12 months. To be eligible for rent subsidies, the household receiving assistance must be very low income and include at least one adult who is a person with special needs as defined in Section 420.0004, F.S. or homeless as defined in Section 420.621, F.S.
- b. Fiscal Years Covered: 2019-2020, 2020-2021, 2021-2022



c. Income Categories to be served: Very Low, Low

d. Maximum award: Rent Assistance: \$6,000 Eviction Prevention: \$3,000

e. Terms:

1. Repayment loan/deferred loan/grant: Grant

Interest Rate: N/A
 Years in loan term: N/A

Forgiveness: N/A
 Repayment: N/A
 Default: N/A

- f. Recipient Selection Criteria: Applicants will be assisted on a first-qualified, first-served basis.
- g. Sponsor Selection Criteria: N/A
- h. Additional Information: Home must be located in Flagler County. Case management will be provided by the Flagler County Social Services Department or referred to community social service agencies as needed. In addition:
  - 1) Applicants must go through an assessment provided by staff to determine likelihood of housing sustainability and stabilization once assistance period runs out.
  - 2) A formal lease agreement must be executed by landlord and tenant.
  - 3) Assistance will be provided directly to the housing provider as part of a lease agreement.
  - 4) Recipients of other ongoing rental assistance such as Housing Choice Voucher, or former Section 8 program, may only be considered eligible for security deposits.

#### H. Rental Development

Code 14, 21

- a. Summary: Funds will be awarded to developers of affordable multifamily rental units that are awarded construction financing through other state or federal housing programs to construct or rehabilitate affordable rental units. This funding is intended to be used as gap financing required for the project.
- b. Fiscal Years Covered: 2019-2020, 2020-2021, 2021-2022
- Income Categories to be served: Very low, low and moderate
- d. Maximum award for total development:

\$50,000 for developments over 50 units \$100,000 for developments with 50 units or less that include Special Needs units

e. Terms:



- Repayment loan/deferred loan/grant: For for-profit developers, funds will be awarded as a loan secured by a recorded subordinate mortgage and note. For non-profit developers, funds will be awarded as a forgivable loan secured by a recorded subordinate mortgage and note.
- 2. Interest Rate: 0%
- 3. Years in loan term: 15
- 4. Forgiveness: Non-profits, the loan is forgiven on a prorated basis beginning in year 6 so that 10% of the loan is forgiven annually from years 6 through 15.
- 5. Repayment: For-profits, the loan is due and payable at the end of the term unless the County negotiates an extended term to secure affordable rental units in the best interest of the County's residents.
- 6. Default: For all awards, a default will be determined as: sale, transfer, or conveyance of property; conversion to another use; failure to maintain standards for compliance as required by any of the funding sources. If any of these occur, the outstanding balance will be due and payable. Any payoff funds due to the County must be repaid within 180 days.
  - If the property is foreclosed on by a superior mortgage holder, the County will make an efforts to recapture funds through the legal process if it is determined that adequate funds may be available to justify pursuing a repayment.
- f. Recipient Selection Criteria: All applicants for residence in SHIP-assisted units must meet income qualifications of the program as determined and reported by the developer or developer's management company for the development.
- sponsor Selection Criteria: Developers will apply to the County through an RFQ process that is open year round. The RFQ will require proof of developer experience in providing affordable rental housing, proof of financial capacity, evidence of site control (or contract for sale), proof of ability to proceed once all funding is closed, and a housing unit design plan that meets the County's Housing Element in the Comprehensive Plan.

The County reserves the right to select developments that meet all the above requirements and:

- 1) Are in areas of immediate need due to lack of available units.
- 2) Propose to preserve and improve existing units.

All funding awards will be subject to closing on other funding sources.

h. Additional Information: Developers will be required to meet compliance reporting requirements on the development necessary to meet the statutory requirements for monitoring of SHIP rental units. Development must be located in Flagler County.

# City of Palm Coast, Florida Agenda Item

Agenda Date: 02/12/2019

**Department** Community Development **Amount** \$73,600.00

**Item Key Account** 43000099-063000-66008

Subject RESOLUTION 2019-XX APPROVING A CONTRACT WITH WELCH TENNIS

COURTS, INC., FOR THE RESURFACING OF THE TENNIS CENTER COURTS

#### Background:

The City of Palm Coast issued a public bid to request proposals from qualified installers to furnish the labor, materials, equipment, and services necessary to laser grade and resurface eight clay tennis courts at the Palm Coast Tennis Center. Preparation of courts and resurfacing shall include the following: Scarify, clean and treat court surfaces with algaecide, and remove and replace existing line tapes and nails. Add approximately 15 tons fast-dry clay material to each court placing the material with laser-guided equipment to provide a smooth even surface; Courts shall be rolled a minimum of twice after placement of fast dry material and once again after installation of new line tapes. Existing net posts shall be repainted and existing nets reinstalled.

Staff requested proposals for resurfacing of (8) clay tennis courts (ITB-CD-19-25). Three (3) proposals were received on January 10, 2019. The proposals were evaluated by staff according to specifications (cost, experience with similar projects, company background, experience with hydrogrid clay courts and references). There were three responses received of which Welch Tennis was deemed the low bidder and the most responsive and responsible. The two higher bids did not meet the qualifications of being a Certified Tennis Court Builder with American Sports Builders Association (ASBA) which was a requirement of the Scope of Work. Welch Tennis is Certified by ASBA. Staff recommends awarding the contract to Welch Tennis Courts, INC., to provide these services. The estimated cost for this project will be \$73,600.00 and is budgeted for under the Capital Project funds.

### SOURCE OF FUNDS WORKSHEET FY 2019

 Park Renovations- 43000099-063000-66008
 \$ 925,000.00

 Total Expenses/Encumbered to date
 \$116,858.82

 Pending Work Orders/Contracts
 \$

 Current Contract
 \$ 73,600.00

 Balance
 \$ 734,541.18

The notice of intent to award and the project bid overview are attached to this agenda item.

#### **Recommended Action:**

Adopt Resolution 2019-XX approving a contract with Welch Tennis Courts, Inc., for the resurfacing of the tennis center courts.

#### RESOLUTION 2019-RESURFACING TENNIS CENTER COURTS

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PALM COAST, FLORIDA, APPROVING THE TERMS AND CONDITIONS OF A CONTRACT WITH WELCH TENNIS COURTS, INC., FOR THE RESURFACING OF THE TENNIS CENTER COURTS; AUTHORIZING THE CITY MANAGER, OR DESIGNEE, TO EXECUTE THE CONTRACTS; PROVIDING FOR SEVERABILITY, PROVIDING FOR CONFLICTS, PROVIDING FOR IMPLEMENTING ACTIONS, AND PROVIDING AN EFFECTIVE DATE.

**WHEREAS,** Welch Tennis Courts, Inc., desires to contract with the City of Palm Coast, for the resurfacing of the tennis center courts; and

WHEREAS, the City Council of the City of Palm Coast desires to contract with Welch Tennis Courts, Inc., for the above referenced services.

NOW, THEREFORE, IT IS HEREBY RESOLVED BY THE CITY OF PALM COAST, FLORIDA:

**SECTION 1. APPROVAL OF CONTRACT**. The City Council hereby approves the terms and conditions of a contract with Welch Tennis Courts, Inc., for the resurfacing of the tennis center courts, as attached hereto and incorporated herein by reference as Exhibit "A."

**SECTION 2. AUTHORIZATION TO EXECUTE.** The City Manager, or designee, is hereby authorized to execute any necessary documents.

**SECTION 3. SEVERABILITY.** If any section or portion of a section of this Resolution proves to be invalid, unlawful, or unconstitutional, it shall not be held to invalidate or impart the validity, force or effect of any other section or part of the Resolution.

**SECTION 4. CONFLICTS.** All resolutions or parts of resolutions in conflict with this Resolution are hereby repealed.

**SECTION 5. IMPLEMENTING ACTIONS.** The City Manager is hereby authorized to take any actions necessary to implement the action taken in this Resolution.

Resolution 2019-\_\_\_\_ Page 1 of 2 **SECTION 6. EFFECTIVE DATE.** This Resolution shall become effective immediately upon its adoption by the City Council.

**DULY PASSED AND ADOPTED** by the City Council of the City of Palm Coast, Florida, on the 19th day of February 2019.

	CITY OF PALM COAST, FLORIDA
ATTEST:	MILISSA HOLLAND, MAYOR
VIRGINIA A. SMITH, CITY CLERK	
Attachment: Exhibit A –Welch Tennis C	ourts, Inc.
Approved as to form and legality	
William E. Reischmann, Jr., Esq. City Attorney	

## Administrative Services & Economic Development Central Services Division

160 Lake Avenue Palm Coast, FL 32164 386-986-3730

#### NOTICE OF INTENT TO AWARD

**Project:** ITB-CD-19-25 - Resurfacing of Clay Tennis Courts

Date: 1/10/2019

**Appeal Deadline:** Appeals must be filed by 5:00 PM on Click or tap to enter a

date.

Firm	Bid
Welch Tennis Courts, Inc. Sun City, FL	\$73,600.00
Premier Surface Solutions Inc.  Tallahassee, FL	\$83,420.00
Sport Surfaces LLC West Palm Beach, FL	\$103,475.00

The intent of the City of Palm Coast is to award ITB-CD-19-25 to Welch Tennis Courts, Inc.

Bid protests arising under City Bidding Documents or Procedures shall be resolved under the City of Palm Coast Central Service Division's Bid Protest procedures.

A proposer may protest matters involving the award of this Bid within three (3) business days from the posting of this recommendation to award. Failure to protest to the City's Administrative Services and Economic Development Director, Beau Falgout (bfalgout@palmcoastgov.com) shall constitute a waiver of the protest proceedings.





# ITB-CD-19-25 - Resurfacing of Clay Tennis Courts

## **Project Overview**

Project Details	
Reference ID	ITB-CD-19-25
Project Name	Resurfacing of Clay Tennis Courts
Project Owner	Kelly Downey
Project Type	ITB
Department	Procurement
Budget	\$0.00 - \$0.00
Project Description	The City of Palm Coast requests proposals from qualified installers to furnish the labor, materials, equipment, and services necessary to laser grade and resurface 8 clay tennis courts at Palm Coast Tennis Center located at 1250 Belle Terre Parkway, Palm Coast. Preparation of courts and resurfacing shall include the following. Scarify, clean and treat court surfaces with algaecide, and remove and replace existing line tapes and nails. Add approximately 15 tons fast-dry material to each court placing the material with laser-guided equipment to provide a smooth even surface. Courts shall be rolled a minimum of twice after placement of clay fast dry material and once again after installation of new line tapes. Existing net posts shall be repainted and existing nets reinstalled. Proposers shall furnish their own dumpster to be placed nearby at a location determined by the Owner.
Open Date	Dec 26, 2018 8:00 AM EST
Intent to Bid Due	Jan 10, 2019 2:00 PM EST
Close Date	Jan 10, 2019 2:00 PM EST



Awarded Suppliers	Reason	Score
Welch Tennis Courts, Inc.		100 pts

### Seal status

Requested Information	Unsealed on	Unsealed by
Pricing	Jan 10, 2019 2:05 PM EST	Kelly Downey
Forms Qualifications, 1, 2, 3, &	Jan 10, 2019 2:05 PM EST	Kelly Downey

### Conflict of Interest

# Declaration of Conflict of Interest You have been chosen as a Committee member for this Evaluation. Please read the following information on conflict of interest to see if you have any problem or potential problem in serving on this committee. ## Code of Conduct All information related to submissions received from Suppliers or Service Providers must be kept confidential by Committee members. ## Conflict of Interest No member of a Committee shall participate in the evaluation if that Committee member or any member of his or her immediate family: \* has direct or indirect financial interest in the award of the contract to any proponent; \* is currently employed by, or is a consultant to or under contract to a proponent; \* is negotiating or has an arrangement concerning future employment or contracting with any proponent; or, \* has an ownership interest in, or is an officer or director of, any proponent. Please sign below acknowledging that you have received and read this information. If you have a conflict or potential conflict, please indicate your conflict on this acknowledgment form with information regarding the conflict. I have read and understood the provisions related to the conflict of interest when serving on the Evaluation Committee. If any such conflict of interest arises during the Committee's review of this project, I will immediately report it to the Purchasing Director.

Name	Date Signed	Has a Conflict of Interest?
Kelly Downey	Jan 10, 2019 2:06 PM EST	No
Susan Knopf	Jan 10, 2019 2:49 PM EST	No



## **Project Criteria**

Criteria	Points	Description
Forms Qualifications, 1, 2, 3, & 4	Pass/Fail	Forms 1, 2, 3, & 4
Technical Review	Pass/Fail	Technical Review
Pricing	100 pts	Pricing
Total	100 pts	



## **Scoring Summary**

### **Active Submissions**

	Total	Forms Qualifications, 1, 2, 3, & amp; 4	Technical Review	Pricing
Supplier	/ 100 pts	Pass/Fail	Pass/Fail	/ 100 pts
Welch Tennis Courts, Inc.	100 pts	Pass	Pass	100 pts (\$73,600.00)
Premier Surface Solutions Inc	88.23 pts	Pass	Fail	88.23 pts (\$83,420.00)
Sport Surfaces LLC	71.13 pts	Pass	Fail	71.13 pts (\$103,475.00)

## City of Palm Coast, Florida Agenda Item

Agenda Date: 02/12/2019

Department<br/>Item KeyCITY CLERK<br/>6052Amount<br/>Account

#

Subject RESOLUTION 2019-XX APPROVING A RIGHT-OF-WAY ACQUISITION WITH PALM COAST RE LLC FOR THE OLD KINGS ROAD N WIDENING PROJECT

### Background:

This is the final Right-of-Way acquisition for Phase II for the Old Kings Road N Widening project. Acquisition of this Right-of-Way (ROW) from Palm Coast RE LLC is necessary for the planned widening of the existing pavement to accommodate drainage improvements and driveway connections. The cost of \$9,200 for this ROW acquisition is funded by FDOT.

City staff recommends approval of this acquisition to facilitate the construction of the proposed improvements and in order to meet the funding cycle deadline requirements by FDOT.

#### **Recommended Action:**

Adopt Resolution 2019-XX approving a Right-of-Way acquisition with Palm Coast RE LLC for the Old Kings Road N Widening Project

# RESOLUTION 2018-\_\_\_OLD KINGS ROAD NORTH WIDENING PROJECT PALM COAST RE LLC

A RESOLUTION OF THE CITY OF PALM COAST, FLORIDA, APPROVING THE TERMS AND CONDITIONS OF A PURCHASE AND OFFER AGREEMENT FROM PALM COAST RE LLC, FOR THE OLD KINGS ROAD NORTH WIDENING PROJECT; AUTHORIZING THE CITY MANAGER OR DESIGNEE, TO **EXECUTE** THE **NECESSARY DOCUMENTS:** PROVIDING **FOR SEVERABILITY: PROVIDING FOR CONFLICTS**; PROVIDING FOR IMPLEMENTATION AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of Palm Coast is in the process of obtaining easements and additional rights-of-way related to the Old Kings Road North widening project; and

WHEREAS, the City desires to obtain an easement from Palm Coast RE LLC for the aforementioned project; and

**WHEREAS**, the City and Palm Coast RE LLC desire to enter into a Purchase and Offer contract for a temporary construction easement for the Old Kings Road North widening project.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF PALM COAST, FLORIDA:

SECTION 1. APPROVAL OF THE AGREEMENTS. The City Council of the City of Palm Coast hereby approves the terms and conditions of a purchase and offer agreement for a temporary construction easement with Palm Coast RE LLC, as attached hereto and incorporated herein by reference as Exhibit "A."

**SECTION 2. AUTHORIZATION TO EXECUTE.** The City Manager, or designee, is hereby authorized to execute the necessary documents as depicted in Exhibit "A."

**SECTION 3. SEVERABILITY.** If any section or portion of a section of this Resolution proves to be invalid, unlawful, or unconstitutional, it shall not be held to invalidate or impair the validity, force, or effect of any other section or part of this Resolution.

RESOLUTION 2019-\_\_\_\_ Page 1 of 2 **SECTION 4. CONFLICTS.** All resolutions or parts of resolutions in conflict with any of the provisions of this Resolution are hereby repealed.

**SECTION 5. IMPLEMENTING ACTIONS.** The City Manager is hereby authorized to take any actions necessary to implement the action taken in this Resolution.

**SECTION 6. EFFECTIVE DATE.** This Resolution shall take effect immediately upon adoption by the City Council.

**DULY PASSED AND ADOPTED** by the City Council of the City of Palm Coast, Florida, on this 19<sup>th</sup> of February 2019.

CITY OF PALM COAST, FLORIDA

ATTEST:	MILISSA HOLLAND, MAYOR
Virginia A. Smith, City Clerk	
Approved as to form and legality	
William E. Reischmann, Jr., Esq. City Attorney	

Attachments: Palm Coast RE LLC Easement Agreement

RESOLUTION 2019-\_\_\_\_ Page 2 of 2

#### OFFER AND PURCHASE AGREEMENT

575-030-07 RIGHT OF WAY OGC - 08/07

| ITEM/SEGMENT #: 415964-1 | STATE ROAD #: N/A | COUNTY: Flagler | 706 | Flagl

Seller: Palm Coast RE, LLC

### Buyer: City of Palm Coast, Florida

Buyer and Seller herby agree that Seller shall sell and Buyer shall buy the following described property pursuant to the following terms and conditions:

#### I. Description of Property

- (a) Real property described as: Parcel No 706 (Sketch and Legal description attached).
- (b) Real Estate Purchased: 1,530 sq ft Temporary Construction Easement

(c) Buildings, structures, fixtures, and other improvements: N/A
(d) Personal Property: N/A
(e) Outdoor advertising structure(s) permit number(s): N/A
Building, structures, fixtures and other improvements owned by others: N/A
These items are <b>NOT</b> included in this agreement. A separate offer is being, or has been made for
these items.

#### **II. Purchase Price**

### (a) Real Property

(a) Real Froperty		
Land	1. \$	8,200.00
Improvements	2. \$	0.00
Real Estate Damages	3.\$	00.0
(Severance/Cost-to-Cure)		
Total Real Property	4. \$	8,200.00
(b) Total Personal Property	5.\$	0.00
(c) Fess and Costs		
Attorney Fees	6. \$	1,000.00
Appraiser Fees	7. \$	0.00
Fee(s)	8. \$	0.00
Total Fees and Costs	9.\$	1,000.00
(d) Total Business Damages	10.\$	0.00
(e) Total of Other Costs	11. \$	0.00
List:		
Total Purchase Price (Add Lines 4,5,9,10 and 11)	\$	9,200.00
(f) Portion of Total Purchase Price to be paid to		9,200.00
Seller by Buyer at Closing		
(g) Portion of Total Purchase Price to be paid to		0.00

#### **III. Conditions and Limitations**

(a) Seller is responsible for all taxes due on the property up to, but not including, the day of closing.

Seller by Buyer upon surrender of possession

- (b) Seller is responsible for delivering marketable title to Buyer. Marketable title shall be determined according to applicable title standards adopted by the Florida Bar in accordance with Florida Law subject only to those exceptions that are acceptable to Buyer. Seller shall be liable for any encumbrances not disclosed in the public records or arising after closing as a result of actions of the Seller.
- (c) Seller shall maintain the property described in **Section I** of the agreement until the day of closing. The property shall be maintained in the same condition existing on the date of this agreement, except for reasonable wear and tear.
- (d) Any occupancy of the property described in **Section I** of this agreement by Seller extending beyond the day of closing must be pursuant to a lease from Buyer to Seller.

- (e) The property described in Section I of this agreement is being acquired by Buyer for transportation purposes under threat of condemnation pursuant to Section 337.25 Florida Statutes.
- (f) Seller agrees that the real property described in Section I of the agreement shall be conveyed to Buyer by conveyance instrument(s) acceptable to Buyer.
- (g) Seller and Buyer agree that a real estate closing pursuant to the terms of the agreement shall be contingent upon delivery by Seller of an executed Public Disclosure affidavit in accordance with Section 286.26, Florida Statutes.
- (h) Sollor and Buyor agree that this agreement represents the full and final agreement for the herein described sale and
- rt

purchase and no other agreements or repreparties.	esentations, unless	incorporated into this agreement,	shall be binding on the
(i) Other: Purchase price includes settlemer			
fees and costs. City agrees to assist Selle	er with proper peri	mitting of any business signs on the	subject property.
IV. Closing Date The closing will occur no later than 60 da	ays after Final Ager	ncy Acceptance.	
V. Typewritten or Handwritten Provisions Any typewritten or handwritten provision must be initialed by both Seller and BuyeThere is an addendum to this agreemedThere is not an addendum to this agreemedThere is not an addendum to this agreemed. VI. Seller and Buyer hereby acknowledge acceptance of this agreement as a binding it is mutually acknowledged that this Pure Section 119.0711(2), Florida Statutes. A signed by Seller and Buyer to allow public absent evidence of fraud, coercion, or un evidenced by the signature of Buyer in Sections.	ent. Pageis ma eement. and agree that the g real estate contr chase Agreement is closing shall not be c review of the traindue influence invo	eir signatures as Seller and Buyer be act. is subject to Final Agency Acceptance conducted prior to 30 days from the ensaction. Final Agency Acceptance solving this agreement. Final Agency	elow constitute their ce by Buyer pursuant to the date this agreement is shall not be withheld by Buyer
Seller(s)		<b>Buyer</b> City of Palm Coast, Flor BY:	ida
Signature	Date	Signature	Date
Ben Atkins 2/9 Type or Print name under signature	5/19 Date	Type or Print name und	der signature
		7,700	
Signature	Date		
Type or Print name under signature	Date		
VII. Final Agency Acceptance The Buyer has granted Final Agency Acc By:	ceptance this	day of	
Signature			
Type or Print name under signature			
This document delivered by		0	

This document received by \_\_\_\_\_

Date

Date

Prepared by: R. Michael Peel, P.E. City of Palm Coast 160 Lake Avenue Palm Coast, FL 32164

Return to: City Clerk City of Palm Coast 160 Lake Avenue Palm Coast, FL 32164

NOTE TO CLERK: This easement is given under the threat of condemnation or is part of an out-of-court settlement of condemnation proceedings and is therefore exempt from documentary stamp tax. See Rules 12B-4.013(4) and 12B-4.014(13), Florida Administrative Code.

### TEMPORARY CONSTRUCTION EASEMENT

THIS TEMPORARY CONSTRUCTION EASEMENT ("Easement") is made and entered into this \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2019, by and between PALM COAST RE, LLC, whose address is 29 Old Kings Road ("Grantor") and the CITY OF PALM COAST, FLORIDA, a municipal corporation of the State of Florida, ("Grantee") whose address is 160 Lake Avenue, Palm Coast, FL 32164.

### WITNESSETH:

WHEREAS, Grantor is the owner of that certain real property located at 24 Old King's Road, Palm Coast, Flagler County, Florida, Tax ID Number\_\_\_\_\_\_, and more particularly described in \_\_\_\_\_\_ and incorporated herein by reference (the "Grantor's Property"); and

WHEREAS, Grantee seeks an easement for a portion of the Grantor's Property more particularly described in Exhibit "A" attached hereto and incorporated herein by reference (the "Easement Area"); and

WHEREAS, the parties desire to set forth the terms and conditions under which Grantee will be permitted to enter, occupy, and use the Grantor's Property.

NOW, THEREFORE, for and in consideration of the mutual covenants and agreements contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantor and Grantee hereby agree as follows:

- 1. <u>Recitals.</u> The foregoing recitals are true and correct and are incorporated herein by this reference.
- 2. <u>Grant of Easement and Purpose.</u> Grantor hereby grants to Grantee, its employees, contractors, and agents a temporary construction easement to occupy and use the Easement

Area subject to the terms and conditions hereof. The Easement Area may be occupied and used by Grantee solely for sloping, grading, tying in, harmonizing and reconnecting existing features, including driveway connections, of the Grantor's Property with the roadway improvements which are to be constructed together with incidental purposes related thereto during the period beginning with the date of construction start, and continuing until completion of the transportation project, or December 31, 2025, whichever date shall occur first ("Term").

- 3. <u>Construction and Maintenance.</u> Grantee shall bear the entire cost and expense of any construction, repair, alteration, replacement or removal activities performed within the Area of the Easement Agreement. The Grantee shall also, at Grantee's cost and expense, restore, to the extent practical, areas within the Easement Area to the condition which existed prior to any such construction, repair, alteration, replacement or removal activities, including but not limited to, revegetation, resodding, repaving, or removal of debris or dirt caused by or resulting from such activities.
- 4. <u>Use</u>. Use of the Easement Area and entry upon the Property will at all times conform to and comply with the terms of this Easement and all applicable governmental regulations now in existence or hereafter created.
- 5. Warranty of Title. Grantor hereby warrants that: (i) Grantor owns the fee simple title to the Property, (ii) Grantor has good right and lawful authority to convey the access granted herein, and (iii) the Property is not encumbered by any mortgages or other matters which would prohibit the use of the Easement Area for the purposes contemplated herein.
- 6. <u>Litigation and Attorney's Fees.</u> In the event it shall be necessary for Grantor or Grantee to bring suit for specific performance or damages or to enforce any provision hereof, the prevailing party in any such litigation and any appeals therefrom shall be entitled to recover from the other party, in addition to any damages or other relief granted as a result of such litigation, all costs or expenses of such litigation and its reasonable attorneys' fees and paralegals' fees as fixed by the Court.
- 7. <u>Entire Agreement</u>. The making, execution and delivery of this Easement by Grantor has not been induced by any representations, statements, warranties, or agreements other than those contained herein. This Easement embodies the entire understanding of the parties and there are no further or other agreements or understandings, written or oral, in effect between the parties relating to the subject matter hereof.
- 8. Governing Law. This Easement shall be governed by and construed in accordance with the laws of the State of Florida.

IN WITNESS WHEREOF, Grantor and Grantee have caused this Agreement to be executed in manner and form sufficient to bind them as of the date and year first above written.

WITNESSES:	GRANTOR	
Abgandh	By:	
Ploigail Ken	Print name: Ben Atkins	
(print)	Title: Manager	
Eugene Rensch (print)	Address: 24671 US HWY 19 N CLEARWATER, FL 33763	
STATE OF FLORIDA COUNTY OF FLAGLER		
The foregoing instrument was ac <u>FERRUARY</u> , 2019, by <u>BEN ATKINS</u> known to me or $\square$ who produced	knowledged before me this <u>5TH</u> day of (check one)   as identification.	

Notary Public – State of Florida
Print Name: ABBY JOHNSTON KERR
My Commission expires:

WITNESSES:	GRANTEE
	CITY OF PALM COAST
(print)	By: Jim Landon, City Manager
-	ATTEST:
(print)	Virginia A. Smith, City Clerk
STATE OF FLORIDA	
COUNTY OF FLAGLER	
, 2018, by Jim Landon, C	acknowledged before me this day of City Manager of the City of Palm Coast, Florida, who is
personally known to me.	
	Notary Public – State of Florida Print Name:
	My Commission expires:

## City of Palm Coast, Florida Agenda Item

Agenda Date : 2/12/2019

Department Item Key	CITY CLERK 6051	Amount Account #		
Subject DIS	CUSSION - UPDATE STATUS O	F FEMA REIMBURSEMENT		
Background :	Background:			
Recommended Action :				

#### SUMMARY OF AMOUNTS RECEIVABLE FROM FEMA FOR HURRICANE IRMA - As of 1/31/19

Project #	Category	Title	Amount	Received to	
1 Toject #	Cutchory	Title	Requested	Date - 1/31/19	
12711	A - Debris Removal	Debris Removal Activities 9/4/17 to 9/17/17	\$ 132,115	\$ -	
12737	A - Debris Removal	City Wide Debris Removal Activities 9/18/17 to 10/17/17 90% Cost Share	\$ 349,341	\$ -	
12743	A - Debris Removal	Debris Removal Activities 10/18/17 to 12/16/17 80 % Cost Share	\$ 671,815	\$ -	
42550	A - Debris Removal	Debris Removal from 12/17/2017 to 3/3/2018	\$ 10,829	\$ -	
30001	B - Emergency Protective Measures	EPM 0 to 30 days 9/4/17 to 10/3/17 100% Cost Share	\$ 969,087	\$ -	
39348	B - Emergency Protective Measures	EPM - On Going Pumping and Water Extraction	\$ 1,003,474	\$ 1,003,474	
30003	C - Roads and Bridges	Road, Sign and Signal Repairs	\$ 24,921	\$ -	
43577	C - Roads and Bridges	Culvert and Roads Repairs	\$ 382,887	\$ -	
30006	E - Buildings and Equipment	Freida Zamba Building	\$ 25,724	\$ -	
30051	F - Utilities	Wastewater utility damages and repairs	\$ 570,535	\$ -	
43813	Z - Direct Administrative Costs	DAC PAAP Direct Administrative Cost	\$ 44,045	\$ -	
		TOTALS	\$ 4,184,771	\$ 1,003,474	
		TOTAL OUTSTANDIN	IG AS OF 1/31/19	\$ 3,181,297	

The amount requested does not include the City Share Portion

### SUMMARY OF AMOUNTS RECEIVABLE FROM FEMA FOR HURRICANE MATHEW - As of 1/31/19

Project #	Category	Title		Amount Requested		Received to	
Project #						Date - 1/31/19	
49	A - Debris Removal	Debris Removal Activities 10/03/16 to 11/01/16	\$	1,143,666	\$	1,143,666	
1006	A - Force Debris Removal	Debris Removal Activities 11/02/16 to 12/31/16	\$	1,049,350	\$	331,872	
1007	A - Debris Removal ROW	Debris Removal Activities 1/01/17 to 3/31/17	\$	5,425	\$	5,425	
1007	A - Debris Removal ROW	Debris Removal Activities 1/01/17 to 3/31/17	\$	179,103	\$	-	
1013	B - Emergency Protective Measures	Emergency Protective Measures	\$	377,762	\$	377,762	
30	C - Street Sign Replacement	Traffic Signals and Signs	\$	4,375	\$	4,375	
1016	E - Buildings & Public Facilities	Damages to Public Buildings and Facilities	\$	64,939	\$	-	
351	F - Utilities	WWTP Public Utilities	\$	195,825	\$	-	
			TOTALS \$	3,020,445	\$	1,863,100	
		TOTAL OUT	STANDING A	S OF 1/31/19	\$	1,157,345	

The amount requested does not include the City Share Portion

## City of Palm Coast, Florida Agenda Item

Agenda Date : 02/12/2019

Department Item Key	CITY CLERK 5997	Amount Account #			
Subject CA	LENDAR/WORKSHEET				
Background :	Background :				
Recommende	d Action :				



### Meeting Calendar for 2/13/2019 through 3/31/2019

2/15/2019 8:30 AM Volunteer Firefighters' Pension Board Fire Station #25

2/19/2019 9:00 AM City Council City Hall

2/19/2019 6:00 PM City Council Special Meeting-City Manager Search City Hall

2/20/2019 5:30 PM Planning & Land Development Regulation Board City Hall

2/26/2019 9:00 AM City Council Workshop City Hall

2/28/2019 5:00 PM
Beautification and Environmental Advisory Committee
City Hall

3/5/2019 6:00 PM City Council City Hall

3/6/2019 10:00 AM Code Enforcement Board City Hall



### Meeting Calendar for 2/13/2019 through 3/31/2019

### 3/8/2019 9:00 AM City Council Special Meeting-City Manager Search City Hall

3/12/2019 9:00 AM City Council Workshop City Hall

3/12/2019 5:00 PM Leisure Services Advisory Committee Palm Coast Community Center

3/19/2019 9:00 AM City Council City Hall

3/20/2019 5:30 PM Planning & Land Development Regulation Board City Hall

3/26/2019 9:00 AM City Council Workshop City Hall

3/28/2019 5:00 PM
Beautification and Environmental Advisory Committee
City Hall

щ	F:1. #	lt a ma	T:41a	Ot-#
#	File #	Item		Staff
4		Describetions	Business 02/19/2019	0-4-
1		Resolution	Contract Resurfacing the Tennis Court Center	Cote
2		Resolution	IA Statewide Emergency Response	Forte
3		Presentation	Pink Army results and award to PC Data	Johnston
4		Resolution	SHIP LHAP	Papa
5		Ordinance 2nd	Lighthouse Harbor Annexation	Papa
6		Ordinance 2nd	Amend Ch 2 Boards (PLDRB)	Smith
			SPECIAL Business Meeting 02/19/2019 @ 6:00 PM	
1			SGR-City Manager Search	Thomas
			Workshop 02/26/2019	
1		Resolution	MSA - Removal of Solid Dried Lime Sludge (Calcium Carbonate Sludge) WTP	Adams/Roussell
2		Presentation	Citizen Survey Results	Bevan
			Business 03/05/2019	
1		Resolution	MSA - Removal of Solid Dried Lime Sludge (Calcium Oxide) WTP #1	Adams/Roussell
2		Presentation	Citizen's Academy Graduates	Lane
3		Ordinance 1st	FLUM Lighthouse	Papa
4		Ordinance 1st	Rezoning Lighthouse	Papa
5		Ordinance 1st	PC Park FLUM Rezoning	Papa
6		Resolution	PC Park DRI Amendment	Papa
7		Ordinance 1st	Wellfield Grade Rezoning	Papa
8		Ordinance 2nd	Lighthouse Harbor Annexation	Papa
9		Appointment	Appointment to the BEAC	Smith
			SPECIAL Business Meeting 03/07/2019 @ 9:00 am	
			Interviews-City Manager Search	
			SPECIAL Business Meeting 03/08/2019 @9:00 am	
			Open interviews and selection of City Manager	
			Workshop 03/12/2019	
1		Ordinance	Animal Control amendment	Grossman
			Business 03/19/2019	
1		Resolution	Audit Report	Alves
2		Ordinance 1st	Animal Control amendment	Grossman
3		Ordinance 1st	FLUM Lighthouse	Papa

4	Ordinance 1st	Rezoning Lighthouse	Papa
5	Ordinance 1st	PC Park FLUM Rezoning	Papa
6	Ordinance 1st	Wellfield Grade Rezoning	Papa
7	Presentation	Sheriff's presentation	Staly
		Workshop 03/26/2019	
1	Presentation	March 26 SAP Evaluation 1	Bevan
2	Presentation	10 year CIP	Cote
3	Resolution	Grand Haven CEB Interlocal Agreement	Flanagan
		Future	
1	Resolution	Annual Fire Inspection Fees	Alves
2	Presentation	Annual Investment	Alves
3	Resolution	Permit compliance with NECGA (MOU and Conservation easement)	Bevan
4	Presentation	March 12 Council Priority Update	Bevan
6	Presentation	April 9 SAP Evaluation 2	Bevan
7	Resolution	April 16 SAP adoption	Bevan
8	Presentation	July 9 Council Priority Update	Bevan
9	Presentation	October 15 Council Priority Update Presentation	Bevan
10	Resolution	FEMA Generators	Blake/Kronenberg
11	Resolution	Interlocal Mala Compra Storm Drain Project	Blake/Kronenberg
12	Resolution	Whiteview Parkway Force Main Improvements	Blake/Kronenberg
13	Resolution	Pine Lakes Pkwy Forcemain and Lift Station Improvements	Blake/Kronenberg
14	Resolution	Equip 3 Wells and Raw Water Main, PH 3	Blake/Kronenberg
15	Resolution	WO WWTP Blair Castle Dr design project	Blake/Kronenberg
16	Resolution	Project Price is Right Incentive Agreement	Newingham

## City of Palm Coast, Florida Agenda Item

Agenda Date : 02/12/2019

Department Item Key	CITY CLERK 6053	Amount Account #				
Subject AT	TACHMENTS TO MINUTES					
Background :	Background :					
Recommended Action :						



# Florida Park Drive

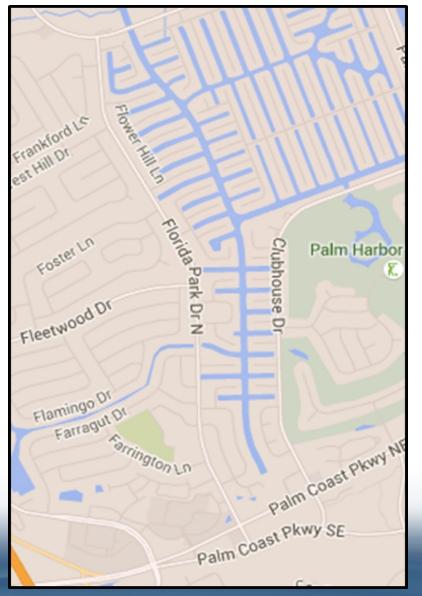
City Council Workshop February 12, 2019

# Strategic Action Plan – Council Priority

- Measurement 5.2.2.14.a
  - Engage an external consultant to identify options through a traffic engineering study to address traffic concerns on Florida Park Drive.



# Florida Park Drive – Existing Conditions



- Approximately 2 miles in length
- 60 foot Right of Way with two 12 foot lanes
- Swale drainage with sidewalks on the west side of the road
- High Intensity Commercial Land Use between
   Palm Coast Pkwy (EB) and Farraday Lane
- Single Family Residential Land use from Farraday Lane to Palm Harbor Pkwy.



# **Past Actions**

# **Summary – Past Actions**

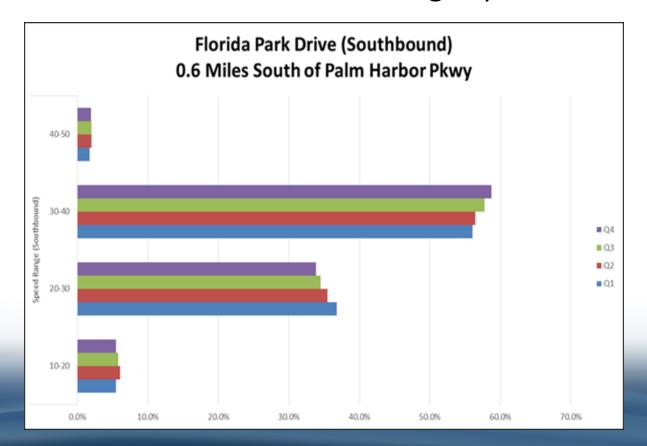
- **☑** 6/9/2015: Existing Condition Traffic Study Presentation City Council
- ☑ 6/15/2015: Traffic Study to Reduce Pass-Thru Traffic Not Approved
  by City Council
- **☑** 8/25/2015: Air Quality Presentation to City Council

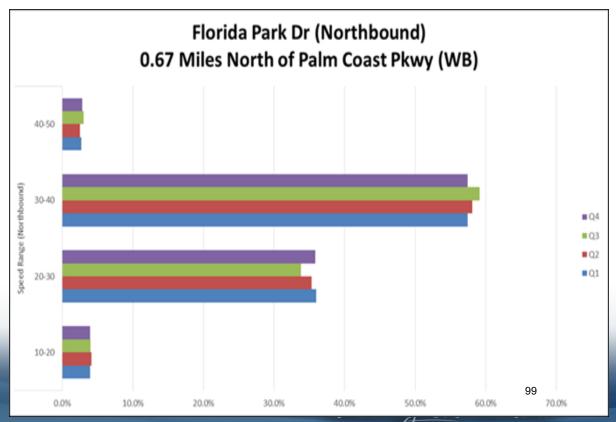


# **Speed Study & Speeding Violations**

## October 2014 – September 2015:

- 60 Speeding Violations Issued
- 30-35 MPH is the Average Speed





# **Existing Condition Traffic Study**

## FY 2015: Work performed by City Staff

- Collected traffic data
  - Volume/Classification Counts
  - Turning Movement Counts (TMC)
  - Speed Data
- Performed Intersection Level of Service Analysis
- Reported Crash Data
- Prepared a report summarizing the results of the analysis
  - The traffic volumes range in residential areas from 5,100 to 7,400 vehicles per day
  - All intersections operate at an acceptable level of service C or better
  - The average speeds along the corridor are between 30 and 35 MPH
  - Thirty-five (35) crashes were reported in the previous 3.5 years



# **Alternative Evaluation Traffic Study**

## FY2015: Traffic Engineering Consultant Proposal

- City Staff prepared a scope of services with the following tasks:
  - Conduct neighborhood meetings to get local input
  - Utilize Travel Demand Modeling to model alternatives to reduce pass through trips along the corridor
  - Provide a Level of Service Analysis for Florida Park Drive and the surrounding roadways
  - Report to City Council the results of the study
- City Traffic Engineer Conclusion:
  - The results of Existing Conditions Analysis illustrates Florida Park Drive operates at an acceptable level of service and indicated that this Study is not required at this time.
  - City Council did Not Move Forward with Consultant Proposal.

# Air Quality & Traffic

## FY2015: Presentation

- What is Air Quality
- Florida's Air Quality & Health Concerns
- FDOT Guidelines for Air Quality
- Measuring CO Releases in Palm Coast
- Analysis for Palm Coast:
  - Air Quality Technical Memorandum for Palm Coast Parkway 6-Laning Project
  - Cypress Point Parkway/Boulder Rock intersection used as worst-case scenario
  - Both the opening year and design year (2031) traffic predictions analyzed
  - CO levels not predicted to meet or exceed National Ambient Air Quality Standard



# **Possible Actions**

# **Traffic - Scope of Work Options**

## **Traffic Study - Lassiter**

- Phase One Update Existing Condition Traffic Study
- Phase Two Alternatives Evaluation
  - Neighborhood Meetings
  - Travel Demand Modeling (includes study of 3 alternatives)
  - Quality / Level of Service Analysis
- Phase Three Report with Options and Recommendations

Proposed Fee: \$66,485.00



# Air Quality – Scope of Work Options

## **Air Quality – Montrose Air Quality Services**

- Phase One Base Line Monitoring Study (See next slides for monitoring options)
  - 3 Roadway Sampling Points for 1 week at each location (CO, PM<sub>2.5</sub> and PM<sub>10</sub>)
- Phase Two (Optional) Modeling Study (\$15,000 \$30,000)
  - Develop mobile emissions using EPA recommended MOVES model
  - Emissions from the MOVES model will be used as input to EPA's AERMOD dispersion modeling system
  - Receptors will be placed in the modeling software near the roadway
  - AERMOD model will predict ambient pollutant concentrations of CO,  $PM_{10}$ , and  $PM_{2.5}$  at the receptors

## Proposed Fee: TBD after Scope of Work is Finalized

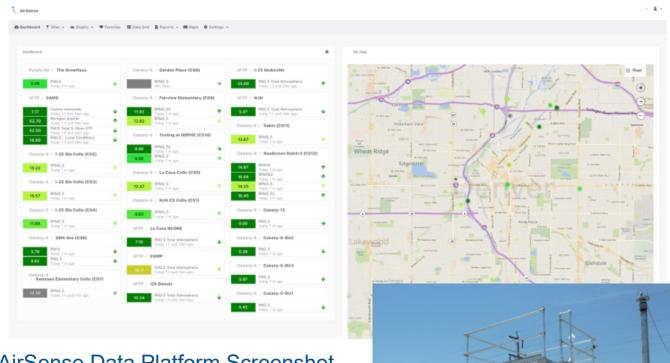


# Air Quality Monitoring Options – CO, $PM_{2.5}$ , $PM_{10}$

\$28,000 Option 1 Traditional EPA ambient monitoring station EPA Reference Methods (RM) and equipment housed in a 220V/110V powered climate controlled trailer. 1 week of monitoring at 3 locations (1 week/location) Requires re-location of trailer each week. Option 2 Option 1 at a fixed site plus two low cost sensors at 2 additional sites \$31,500 Does not require re-location of RM trailer Option 3 Lower cost sensors installed at 3 locations for 1 month \$14,500 Solar powered, cellular data transfer, various mounting options Option 4 Includes the Option 3 sensors Plus an option for indefinite placement though life cycle of project \$11,500 - Month 1 Community facing dashboard to allow for data access \$3,300 – each additional Text/e-mail alerts for elevated pollution levels to allow remediation month

Note: Additional costs for project support and reports may range up to \$7,000.

# Air Quality Monitoring Options – CO, $PM_{2.5}$ , $PM_{10}$



AirSense Data Platform Screenshot

Traditional EPA RM Monitoring Station (Mobile)



**Lower Cost Sensor Deployment** 



# **Council Action**

## **Council Direction**

- Traffic Study
  - Update Existing Traffic Study with Current Data Collection?
  - Perform Alternative Evaluation (Analyze 3 Options)?
- Air Quality
  - Perform Air Quality Testing?
    - 3 Locations on Florida Park Drive
    - Add 1 Location in Palm Coast for Comparison?
  - Perform MOVES Modeling Study?
- Other Options
  - Narrow Scope: Investigate Traffic Calming Measures?
  - No Action until Level of Service Drops Below a 'C'.



# Questions?



