

Special City Council – Workshop

5:00 p.m., Tuesday, September 12, 2023 Council Chambers 1207 Palm Boulevard, Isle of Palms, SC

Public Comment:

All citizens who wish to speak during the meeting must email their first and last name, address, and topic to Nicole DeNeane at nicoled@iop.net no later than 3:00 p.m. the business day before the meeting. Citizens may also provide public comment here:

https://www.iop.net/public-comment-form

Agenda

- 1. Call to Order and acknowledgement that the press and public were duly notified of the meeting in accordance with the Freedom of Information Act.
- **2.** Citizens' Comments Citizens must state their name and address. All comments will have a time limit of three (3) minutes.
- 3. Special Presentations

Tourism Management & Community Enrichment Plan – David McNair, The McNair Group

- 4. Dashboard of City Operations and Short-Term Rental Report [Pg. 4-5]
- 5. Departmental Reports [Pgs. 6-20]
- 6. Strategic Plan Policy Initiatives and Priorities

Mission Statement: To be the most sustainable, family-friendly beach community in South Carolina.

Vision Statement: To be a welcoming, environmentally conscious and resilient coastal community committed to enhancing the quality of life for those who come here to live, work and play.

- a. Livability
- b. Environmental
- c. Public Services
- d. Personnel



e. Other items for discussion

Discussion of donation to the Emanuel Nine Memorial [Pgs. 21-39]

7. Financial Review

Financial Statements [Pgs. 40-46]

8. Procurement

- a. Discussion of recommendation of award of a contract to Air Cleaning Specialists in the amount of \$97,775 for the installation of direct source vehicle apparatus exhaust capture systems at Fire Station 1 & 2 [FY24 Budget, Fire Department, Capital Projects & Muni ATAX, \$200,000] [Pg. 47]
- b. Discussion of recommendation of award of a sole sour contract to Coastal Science & Engineering for the following projects: [FY24 Budget includes \$255,000 for scope A & B] [Pgs. 48-61]
 - i. Scope A: Permitting a sand recycling "shoal management" project in the north end [\$69,534]
 - ii. Scope B: Initial sand search, geophysical data collection, and State Historic Preservation Office (SHPO) coordination to begin the process of identifying borrow areas for future nourishments at the north and south end [\$168,895]
 - iii. Scope C: Coordination with the US Army Corps of Engineers (USACE) on the beneficial use project proposed for the southern end of the island, as well as construction planning and administration for dune enhancement project in connection with the USACE project [\$85,069]

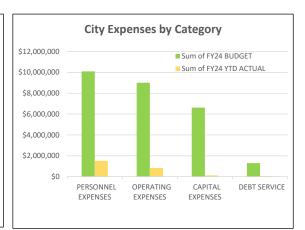
9. Capital Projects Update [Pg. 62]

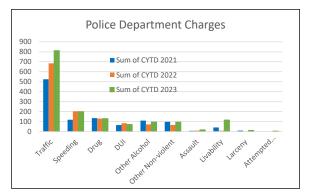
- a. Drainage
 - i. Phase 3 Drainage Outfalls at 30th, 36th and 41st Avenue
 - ii. Comprehensive Drainage Masterplan
 - iii. Waterway Boulevard Multi-use Path Elevation Project
- b. IOP Marina
 - i. Public Dock Rehabilitation & Greenspace
 - ii. IOP Marina "T" Dock Repairs
 - iii. Marina Dredging
- c. Beach Maintenance & Access Improvements
 - i. IOP County Park Emergency Vehicle Access
 - ii. Beach Access Paths Improvements
 - iii. Beach Restoration
- d. Buildings & Facilities
 - i. Fire Department Exhaust Systems for Fire Stations 1 & 2
 - ii. City Hall Renovation
 - iii. Outdoor Fitness Court at Recreation Center
 - iv. Dog Park Improvements
 - v. Undergrounding Power Lines

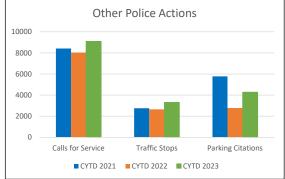


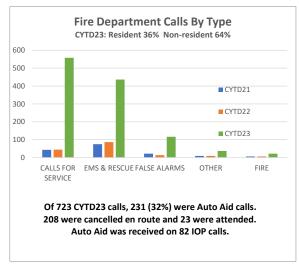
- vi. SCDOT Palm Boulevard Bike, Pedestrian and Parking Enhancements
- 10. Legislative Report
- 11. Miscellaneous
- 12. Adjournment

City of Isle of Palms Operations Dashboard











Building Department					
	CY21	CY22	CY23		
	(12 mos)	(12 mos)	(8 mos)		
Construction Value Permitted	\$108 M	\$144 M	\$50M		
New Homes Permitted	49	46	13		
	2021 LY	2022 LY	2023 LY		
	(12 mos) (12 mos) (4 mos)				
STR License by <i>LICENSE YEAR</i>	1,403	1,805	1,803		

August 2023

Personnel Vacancies						
Type	Type City Hall Police Fire Pub Wks R					
Full-time		1 Police Officer 1 Communication Specialist	4 Paramedics 1 Training Chief	1 CDL		
Part-time	·					

Upcoming Community Events

Farmers Market

Thursday, September 21st, 4 pm -7 pm at the Recreation Center

Coffee with the Mayor

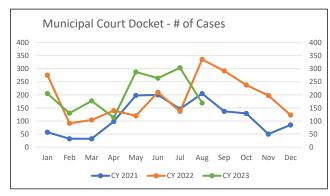
Friday, September 29th, 9 am to 10 am at Café Pename

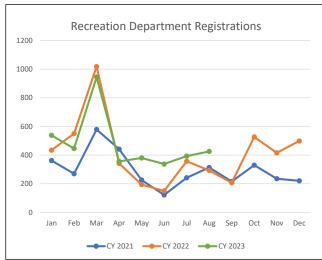
IOP Community Wellness Fair

Friday, October 6th 7 am -11 am at the Recreation Center

IOP Connector Run

Saturday, October 7th, 6 am to 12 pm





City of Isle of Palms

Analysis of Dwelling Units and Short Term Rentals License Year 2023-2024

Data from Charleston County Property Tax Records and IOP Short Term Rental License (STRL) Records as of 9/7/2023

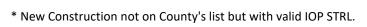
	COUNTY DATA for 2022					
	4%	6%	Total Dwelling Units			
Single Family	1,531	1,575	3,106			
Townhouse	39	196	235			
Duplex/Triplex	19	32	51			
Condominium	74	923	997			
Commercial Condo		51	51			
Total Dwellings	1,663	2,777	4,440			

ADDS TO COUNTY DATA					
6%	Total				
15	15	*			
	-				
54	54	**			
7	7	***			
68	68	****			
144	144				
	6% 15 54 7 68	6% Total 15 15 - 54 54 7 7 68 68			

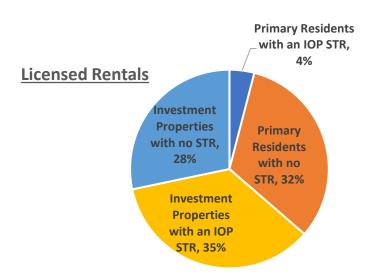
BREAKDOWN COUNTY TOTALS ACCORDING TO IOP SHORT TERM RENTAL LICENSE STATUS								
4% Pr	imary Resi	dence	6% Inv	estment Pr	operty	All Re	sidential F	Parcels
4% with IOP STRL	4% Other	Total 4%	6% with IOP STRL	6% Other	Total 6%	Total Dwelling Units	Total STRLs	% with a STRL
149	1,382	1,531	729	861	1,590	3,121	878	28%
7	32	39	84	112	196	235	91	39%
9	10	19	32	54	86	105	41	39%
22	52	74	652	278	930	1,004	674	67%
	-	-	119	-	119	119	119	100%
187	1,476	1,663	1,616	1,305	2,921	4,584	1,803	39%

Potential unlicensed rentals identified by Rentalscape Pending licenses (applied but not paid) 4
1,807

Distribution of 4% and 6% Dwellings Over Time, Updated****					
	2010	2015	2020	2022	
4% Primary Resident	33%	34%	37%	36%	
6% Investment Prop	67%	66%	63%	64%	



^{**} Duplexes & Triplexes have one Parcel ID in County data, but represent 2 or more dwelling units.



^{*****} County data included the parcel numbers of all current (2022) dwelling units (DUs) in the historical datasets regardless of the construction year. County data was adjusted to account for this by subtracting from each past year any DU with a future year of construction. For example, the number of DUs in 2010 was reduced by the number of DUs in the 2010 dataset with a construction date greater than 2010. Note that this approach may artificially reduce the annual DU total in the case of tear downs. It is unlikely this would materially affect the totals.

^{***} Certain condos have 2 separate units, both with STR licenses, under a single Parcel ID.

^{****} The County data did not include the individual units of The Palms Hotel. These each have a unique Property Tax ID and STRL. The 51 units already in the County Data represent the Seaside Inn.





SIGNIFICANT DEPARTMENTAL ACTIONS

Incidents of interest in August include 69 arrests, 467 traffic stops, 5 attempted murder charges, 2 gun charges, 21 drug related charges, 180 traffic citations, and 6 arrests for driving under the influence.

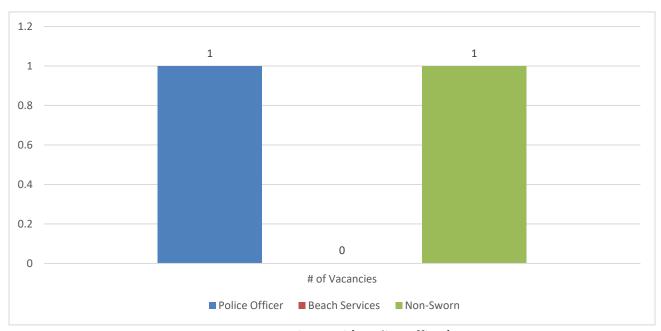
charges, 100 traine citations, and 0 and				
ACTIVITY SUMMARY	AUG 2023	YTD 2023	AUG 2022	YTD 2022
Calls for Service	1185	9100	1221	8030
Incident Reports	142	850	68	468
Traffic Collisions	7	85	7	85
Traffic Stops	467	3315	441	2657
Bicycle Stops	0	3	1	8
Golf Cart Stops	5	57	34	70
Marine Calls for Service	1	12	3	31
Arrests	69	441	71	356
State Law Violations		8200	242	1177
City Ordinance Violations	26	171	3	10
Warning Citations	261	2213	293	1904
Parking Citations	545	4287	412	2774
Isle of Palms Warrants Served	17	84	14	51
Criminal Investigations-Cases Opened	20	114	17	89
Criminal Investigations-Cases Closed	10	34	7	32
Training Hours	364	2422	477	2078
Coyote Sightings	4	28	10	41
Beach Wheel Chairs Issued	21	50	16	64
REPORTS BY OFFENSE TYPES	AUG	UST	Υī	D
	20	23	2023	
DUI	-	7	72	
Other Alcohol Offense	ç)	73	
Arson/Suspicious Fire	()	0	
Rape/Sexual Assault	:	1	2	
Assault	7	7	3	9
Indecent Exposure	()	1	
Harassment	2	2	5	
Drug Incident	3	6	212	
Homicide/Manslaughter	()	0	
Traffic	5	4	28	35
DUS	1	9	12	21
Robbery	()		1
Burglary	()	5	
Theft from Motor Vehicle	2			5
Motor Vehicle Theft	:	1	4	1
Larceny	2	2	33	
Fraud	į	5	2	8
Suicide (Actual or Attempted)	()	7	2
Vandalism	:	1	1	3
Weapon Law Violations	()	1	4
All Other Offenses	5	1	3:	18
TOTAL	19	97	12	33

fluence.				
CHARGES	AUG	YTD	AUG	YTD
<u>CHARGES</u>	2023	2023	2022	2022
Attempted Murder	5	5	0	0
Assault	2	12	1	4
Domestic Violence	0	6	1	5
Public Disorderly	3	20	7	30
Burglary	0	5	0	0
Possession of Stolen Vehicle	1	1	0	0
Grand Larceny	0	1	0	0
All Other Larceny	0	4	0	1
Fraud	1	2	0	0
Gun Violation	2	14	1	11
Drug Violations/Sale/Manufacture/	1	13	3	14
Distribution/Etc.	1	13	3	14
Possession of Controlled Substance	0	7	4	9
Other Drug Possession Methamphetamine/	2	7	4	9
Cocaine/Cocaine Base/Ecstasy/MDMA/Etc.				
Simple Possession of Marijuana/Possession 1 oz. or less	13	82	10	65
Drug Equipment Violation	5	22	9	34
Vandalism/Damage to Property	0	1	0	1
Driving Under Suspension	25	126	12	70
Driving Under Influence	6	72	16	84
Other Alcohol Violation	11	97	17	72
Speeding	30	200	55	204
Other Traffic Related	124	680	94	602
Golf Cart Violation	1	7	12	12
Moped Violation	0	0	0	0
	0	0	2	2
Marine Violation Resisting/Hindering/Assaulting Public Official	0	U		
or Police Officer	2	9	3	7
False Information to Police	0	2	0	1
Failure to Stop for Police/Evade/Elude	1	4	0	1
Animal Violation	11	50	3	6
Noise Violation	0	4	0	1
Littering	0	2	0	0
Indecent Exposure	0	1	0	0
Business License	8	61	0	1
All Other Charges	8	45	5	13
TOTAL		1562	259	1259
IOIAL	202	1202	259	1259



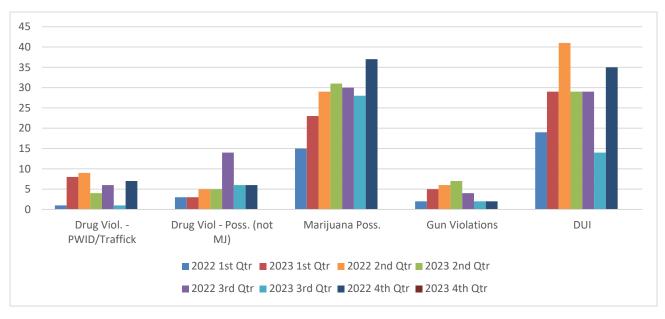


Police Department Vacancies



Sworn Vacancies – 5% (1 Police Officer)
Beach Service Officer Vacancies – 0 (Seasonal Position)
Non-Sworn Vacancies – 12.5% (1 Communications Specialist)

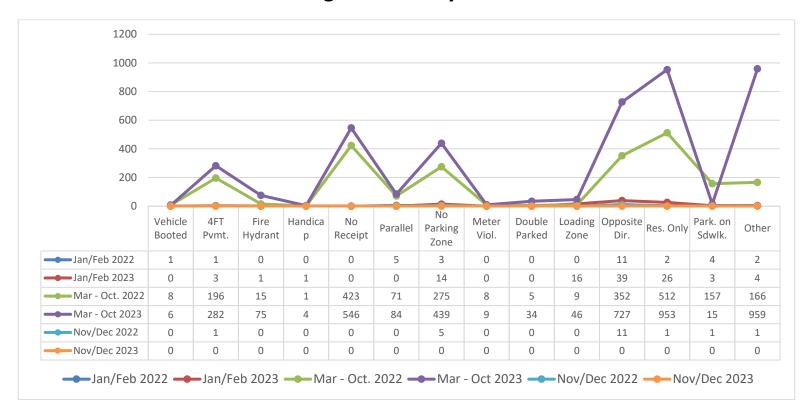
Drug, Gun, and DUI Charge Trend



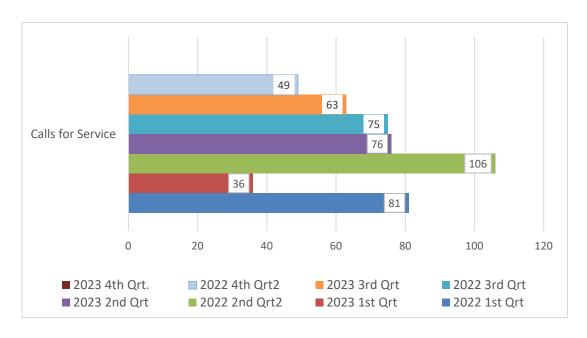




Parking Citations by Violation



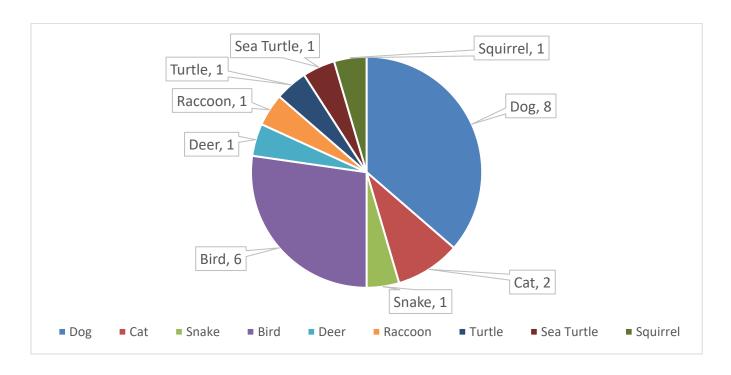
Animal Control Calls for Service



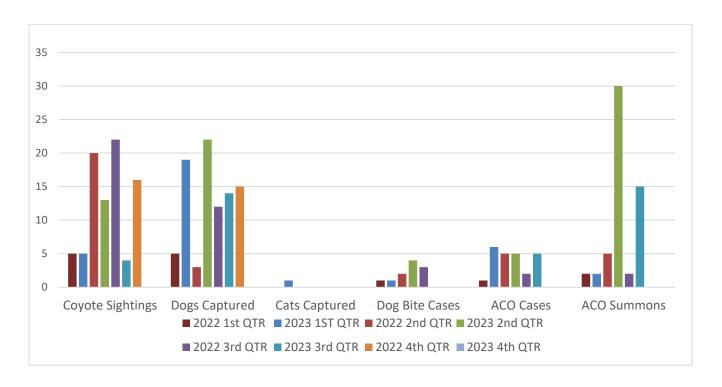




Animal Control Calls by Animal Type



Animal Control Statistics





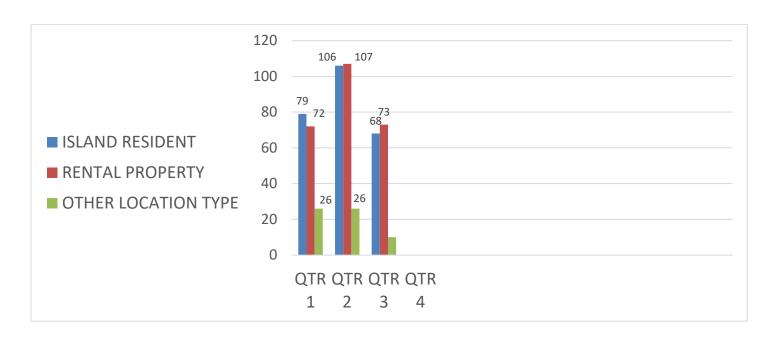


Livability Statistics

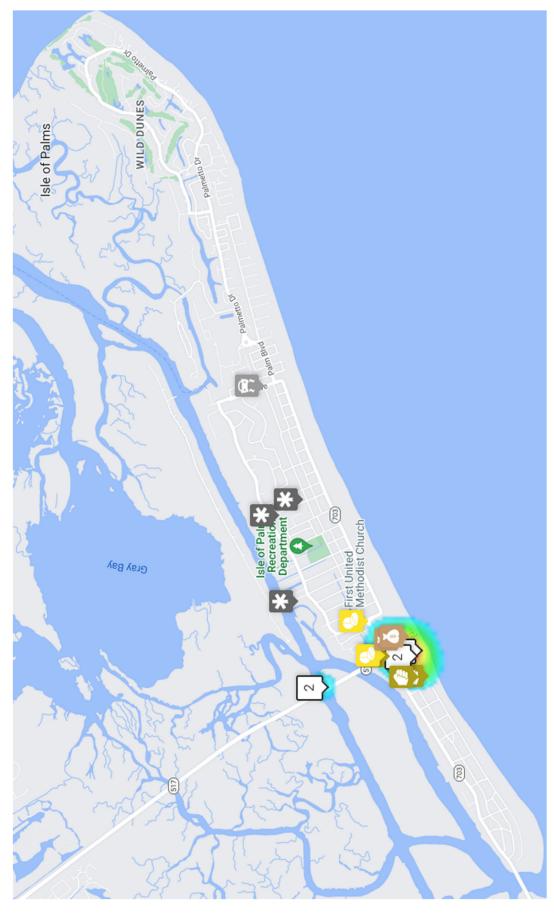
LIVABILITY COMPLAINTS	ISLAND RESIDENT	RENTAL PROPERTY	OTHER LOCATIONS	TOTAL COMPLAINTS
NOISE	5	7	5	17
FIREWORKS	0	0	0	0
UNKEMPT LOTS	1	1	0	2
RIGHT-OF-WAY OBSTRUCTION	2	0	0	2
BUSINESS LICENSE	6	2	0	8
OTHER RENTAL PROPERTY				
VIOLATIONS NOT LISTED	0	0	0	0
SHORT TERM RENTAL				
OCCUPANCY VIOLATIONS	0	0	0	0
SHORT TERM RENTAL VEHICLE				
LIMIT VIOLATIONS	0	0	0	0
ROLL CART VIOLATIONS	18	22	0	40
TOTAL	32	32	5	69
% BY CATEGORY	46%	46%	7%	

CITATIONS	WARNINGS	UNFOUNDED	COMPLAINT DISPOSITION
0	6	11	17
0	0	0	0
0	2	0	2
0	2	0	2
8	0	0	8
0	0	0	0
0	0	0	0
0	0	0	0
11	29	0	40
19	39	11	69
28%	57%	16%	

Livability Complaint by Property Type



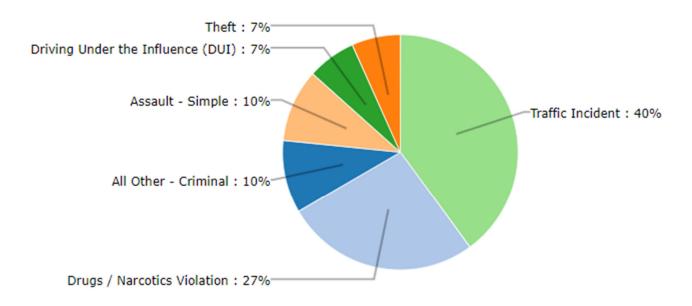
INCIDENT REPORT DENSITY/HEAT MAP AUGUST 2023



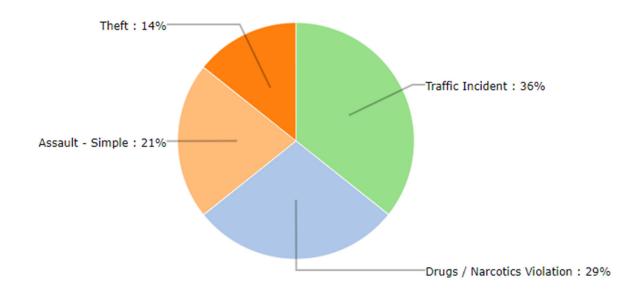




Reported Incident Crime Class Types

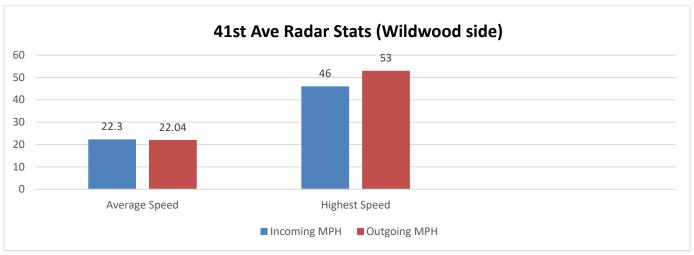


Reported Incident Crime Class Types (Red Area)





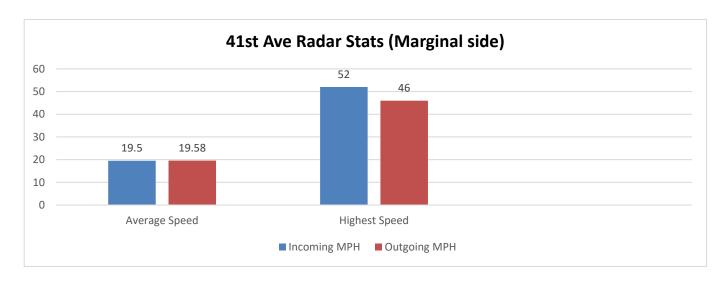




Total Incoming Vehicles – 29,988 Total Outgoing Vehicles – 32,214

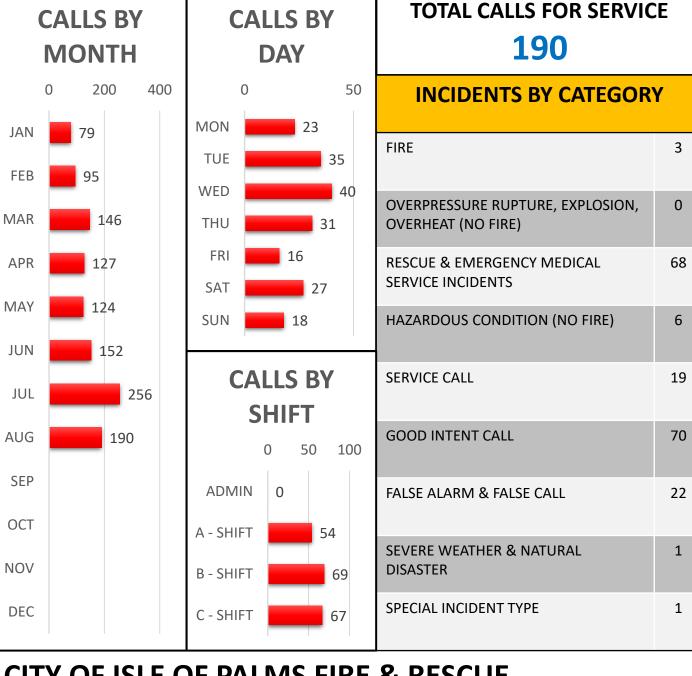
Busiest day of the month: August 5th

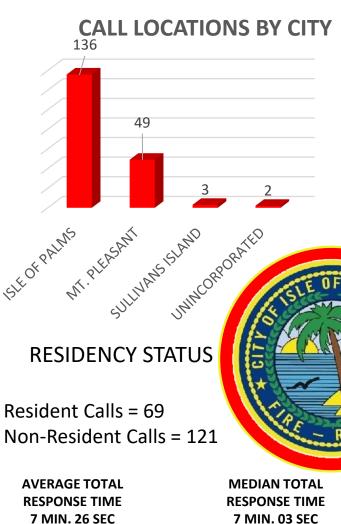
1309 vehicles incoming1626 vehicles outgoing



Total Incoming Vehicles – 24,382 Total Outgoing Vehicles – 18,850

Busiest days of the month: August 5th 1287 vehicles incoming 747 vehicles outgoing





MEDIAN TOTAL RESPONSE TIME 7 MIN. 03 SEC



AUGUST 2023

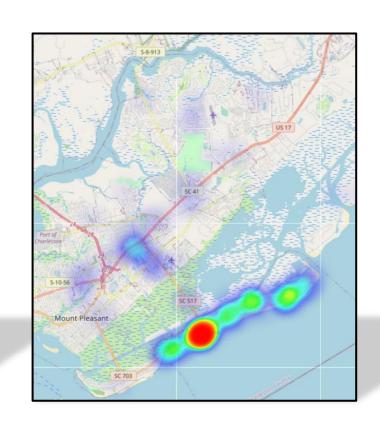
MONTHLY **REPORT**

CITY OF ISLE OF PALMS FIRE & RESCUE

CALL LOCATIONS AND HEAT MAP

AUGUST 2023

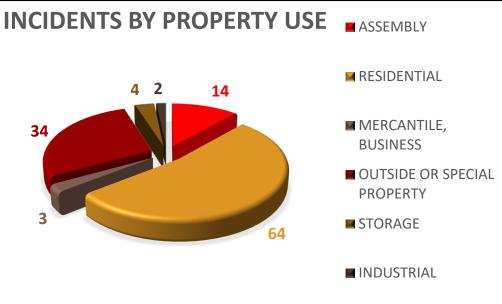


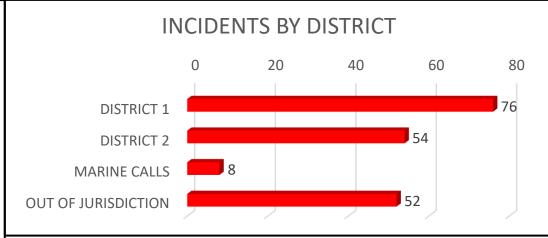




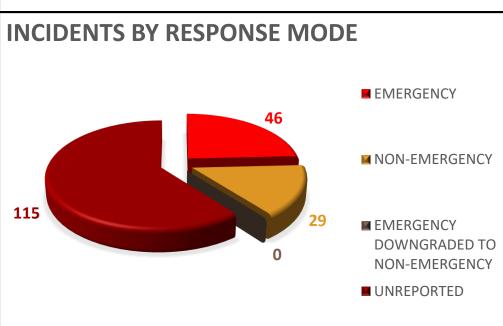
MONTHLY REPORT

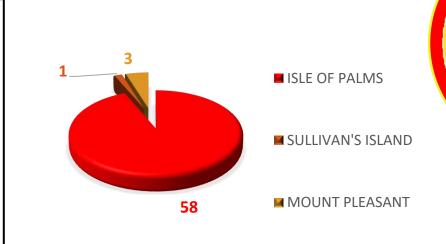
CITY OF ISLE OF PALMS FIRE & RESCUE





AUGUST 2023





EMS CALLS BY LOCATION

MONTHLY REPORT

CITY OF ISLE OF PALMS FIRE & RESCUE



Isle of Palms Recreation Department Monthly Report August 2023

Programs, Group Fitness, Summer Camp. Special Events

- Free Beach Yoga: Tuesdays, 7:30am at 25th Beach Access averaged 20 participants the month of August
- Sea Stroll & Learn: Thursday, August 10, 7:30am -24 participants
- Soccer Camp: July 31- August 4 from 9:00am Noon 31 participants
- Get Your Spike on Volleyball Camp: August 7 August 10 9:00am 11:00am 17 participants
- Farmers Market: Thursday, September 21, 4 7p.m. 56 vendors and 86 booths
- Youth Soccer Registration: July 18 August 18, Season: practice starts in September and games in October
 - Fast Start (3 & 4 years): 36 participants (IOP 26, Non-resident 10)
 - o 5-6 years: 42 participants (IOP 31, Non-resident 11)
 - o 7-8 years: 41 participants (IOP 38, Non-resident 3)
 - 9-12 years: 56 participants (IOP 48, Non-resident -8)
- Gymnastics Camp: August 7-10 14 participants
- Cheer Camp: August 7-10 9 participants
- College Application Boot Camp: August 1, 8, and 9 from 3:30 5p.m. 2 participants
- Half Rubber Tournament: Saturday, August 12 8 teams participated from Charleston and Savannah Area
- Adult Athletic Leagues:
 - o 3 on 3 Basketball 5 Teams, games will be played on Tuesdays starting in September
 - o 6 v 6 Soccer 6 teams, games will be played on Tuesdays starting in September
 - o Table Tennis Singles 10 players, league will be held on Tuesdays starting in September
 - o Pickleball Social League 16 players, league will be held on Fridays starting in September

Upcoming Programs, Events & New Offerings

- New Fitness Class for September: Drums Alive, Zumba, Wild Roll Wednesday with Fire and Police, Yogalates, Strength Interval, Move It!, Core & More.
- Farmers Market: September 21 4-7 p.m. 59 vendors with 86 booths
- Keenagers 1st Wednesday of the month September May, Senior Social group covered dish luncheon and entertainment
- Community Wellness Fair Friday, October 6 from 7am 11am Vendor applications open, blood work for the community will be provided by East Cooper Medical
- Ghostly Tide Tales Friday, October 20 from 6pm 7pm Front Beach Isle of Palms
- Halloween Golf Cart Parade & Carnival Friday, October 27th from 4pm 6pm

Holiday Street Festival - Saturday, December 2 from 2pm - 7pm - Vendor application process is now open

Operations

- · Hired new instructors for Fall programming
- Dog Park improvement project, design planning and pricing, getting quotes
- National Fitness Court/Outdoor Fitness Court planning, concrete and pricing
- Director, Attended Area Directors meeting at Charleston County Parks & Recreation
- Staff, registered with South Carolina Recreation & Parks Association for annual conference in December.
- Aaron Sweet, attended IOP Connector Run meetings as city liaison.

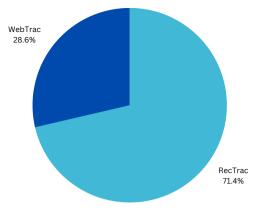
Maintenance & Repairs

- Weekly mowing from 30th Ave. to 21st Ave along Waterway Blvd.
- Added temporary handicap parking spaces for events
- Scheduling power washing for building
- Cleaning up from camp and preparing building for fall programming
- Field prep for Half Rubber Tournament and Soccer season
- Musco lighting: Tennis court outage, work will be covered under warranty.
- Hurricane Idalia preparations and grounds clean up after the storm.
- HVAC in High Tide Room, thermostat replaced

Enrollment Report July

Participants registering for classes during the month from June 1 - June 30, 2023. RecTrac: in-house registration vs. WebTrac: online Registrations.

Total registrations for August 2023 = 426

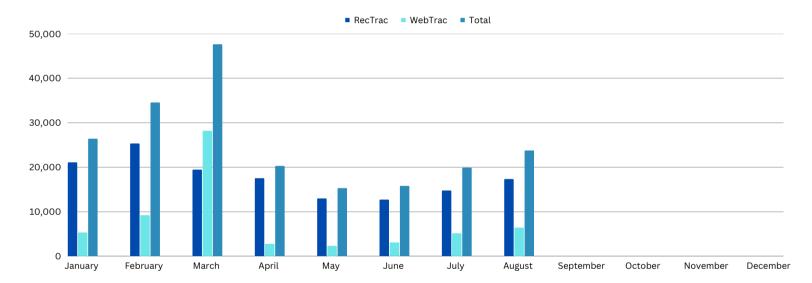


Monthly Revenues 2023

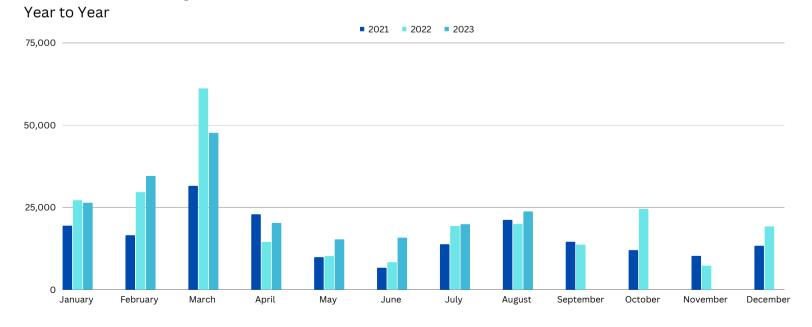
Revenue sales brought in by programs, athletics and events.

RecTrac: in-house vs WebTrac: online

Total Revenue for August 2023 = \$23,734.25

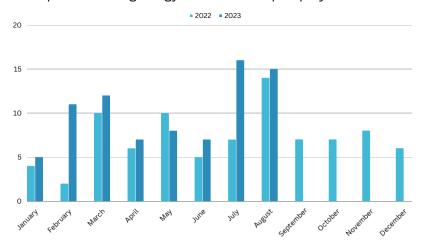


Annual Comparison



Open Gym Daily Average Visits

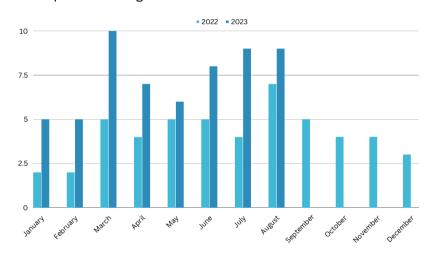
Participants utilizing the gymnasium for open play

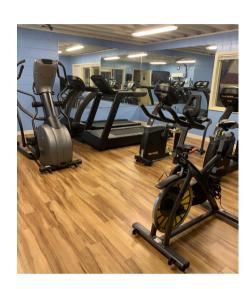




Cardio Room Daily Average Visits

Participants utilizing the cardio room

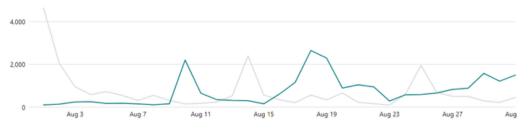




Social Media Report



O Instagram reach 0 **1,760** ↑ 3.3%

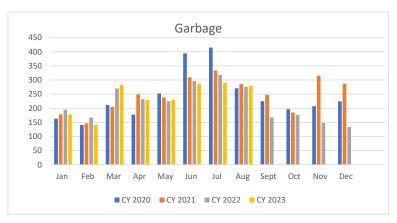






City of Isle of Palms, SC Public Works Department - August 2023 Monthly Report

	CY 2020	CY 2021	CY 2022	CY 2023
Column1				
Jan	162.77	177.84	195.16	177.78
Feb	140.66	146.48	166.74	141.99
Mar	212.04	204.6	269.88	283.84
Apr	177.52	249.86	232.29	228.59
May	252.56	238.23	224.49	230.63
Jun	394.38	309.71	295.83	286.52
Jul	415.12	334.17	317.47	290.33
Aug	270.71	285.21	275.99	279.2
Sept	224.87	247.76	167.91	
Oct	196.94	184.63	175.99	
Nov	207.44	315.31	147.67	
Dec	224.45	286.85	133.1	



	<u>CY 2020</u>	CY 2021	CY 2022	CY2023
Column1				
Jan	155.93	183.07	218.4	252.78
Feb	157.44	156.06	190.63	188.5
Mar	193.74	282.37	215.58	176.46
Apr	265.04	256.07	231.64	248.37
May	218.67	208.32	190.02	265.62
Jun	182.49	266.23	217.88	236.52
Jul	198.07	273.08	202.64	159.51
Aug	258.37	223.64	184.78	172.83
Sept	257.64	182.96	212.11	
Oct	252.81	152.16	528.77	
Nov	171.54	124.04	304.19	
Dec	194 08	125 14	126.89	



General Duties:

31.72 misc. waste was transported to Palmetto Commerce Pkwy. **

Fund 10 GENERAL FUND		
08/01/2023 10-4620.	5017 VEHICLE MAINTENANCE	BEG. BALANCE 7,060.05
08/01/2023 AP INV	AC REPAIR PW 28	1,160.97 8,221.02
08/08/2023 AP INV	REPAIR PW16	476.01 8,697.03
08/08/2023 AP INV	REPAIR OF PW 16 radiator	3,660.23 12,357.26
08/09/2023 AP INV	TITLE & REGISTRATION FOR NEW PWD TRUCK_V	526.79 12,884.05
08/18/2023 AP INV	SHOCKS FOR PW 24	233.98 13,118.03
08/18/2023 AP INV	GREASE	50.20 13,168.23
08/18/2023 AP INV	SHOCKS AND RESISTOR	337.91 13,506.14
08/18/2023 AP INV	CREDIT FOR WRONG SHOCKS	- 236.28 13,269.86
08/25/2023 AP INV	WIRE, CABLES AND SUPPLIES FOR SAFETY LIGH	39.94 13,309.80
08/25/2023 AP INV	WIRE AND SUPPLIES	56.31 13,366.11
08/28/2023 AP INV	TILT CYLINDERS REPAIR FOR CAT 914 AND A	1,654.25 15020.36
08/31/2023 10-4620	0.5017 END BALANCE	8.299.42 15.020.36

Emanuel Nine Nine Memorial



Five clergy and four church members were gunned down during Bible study by a 21-year-old white supremacist in Charleston, South Carolina.

Five individuals, including two children, miraculously escaped death during the massacre at Mother Emanuel African Methodist Episcopal Church, which left people across the city and country reeling in despair, wondering how to go forward.

In the wake of the devastation, the faith of the Emanuel Nine, their families and the survivors illuminated the way: it would be by the amazing grace of God.

Today the church grounds have been re-imagined to create a sacred space honoring those slain, as well as a garden space to honor the survivors. This will be a place of contemplation, communion and conversation, a catalyst for creating a culture where racism and violence exist no more.

The Honorable Reverend Clementa C. Pinckney

He ordained into the ministry at 18 and became the youngest member of the South Carolina State Legislature at 23. He was leading Mother Emanuel into the future with education and achievements enough for several lifetimes. He loved his family infinitely. Clementa Pinckney lived on God's time.

Mrs. Susie J. Jackson

Susie Jackson gathered her big family around a table of love and fed them the bread of life. She was always cooking, always saying grace, a blessing across the generations. Everyone was welcome. Hers was an abundant, overflowing heart.

Reverend Daniel Lee Simmons, Sr.

The prophet asked what does the Lord require of you but to do justice, love kindness, and walk humbly with your God? This was Daniel Simmons' life. Holy man, family man, military man, highly educated man. Studying was his hobby. So was kindness.

Reverend

DePayne Middleton-Doctor

Love always protects, always trusts, always hopes, always perseveres. As did Depayne Middleton-Doctor. And sometimes, love sings in a heavenly alto soprano, the voice her four daughters keep in their hearts. Her life was a praise hymn.

Mrs. Cynthia Graham Hurd

She loved the Word, and loved words. A gifted and beloved librarian, Cynthia Hurd knew the power of words to transform lives. Books were sacred to her. So was family. Always caring, sharing, encouraging, helping, giving. She lived full of hope.

Mrs. Ethel Lee Lance

Ethel Lance made things sparkle. She sparkled. Jazzy, joyful, full of life, empty of regret. She even met Martin Luther King once who said I have decided to stick with love. Hate is too great a burden to bear. The same was true of Ethel Lance.

Mr. Tywanza Kibwe Diop Sanders

Beloved. That's Tywanza Sanders. Son, grandson, best friend. Ty was a grad student, a barber, a thinker, a doer and a seeker who wrapped his arms around life like a hug. A beautiful young prince of a person, his smile matched his soul.

Reverend

Sharonda Coleman-Singleton

Speech pathologist, teacher, track coach, doctoral student, minister, mother extraordinaire. Sharonda Coleman-Singleton ran circles around life. Beautiful inside and out, she was a true champion. God was her finish line.

Mrs. Myra Singleton Quarles Thompson

A Licientiate Minister, she scattered seeds of faith wherever she went, as a teacher, counselor, minister, wife, mother, friend. Myra Thompson was a giver and a helper. She grew up in the church and beautiful flowers grew in her yard. So did love.



"Love is always stronger than hate. If we just love the way my mom would, then the hate won't be nearly as strong as the love is."

Chris Singleton

Son of victim Reverend Sharonda Colemen Singleton July 18, 2015



The inspiration for the memorial design is drawn from reflecting upon the lives and the sacrifices of the Emanuel Nine: Reverend Sharonda Coleman-Singleton, Mrs. Cynthia Graham Hurd, Mrs. Susie J. Jackson, Mrs. Ethel Lee Lance, Reverend DePayne Middleton-Doctor, Reverend Clementa Pinckney, Tywanza Kibwe Diop Sanders, Reverend Daniel Lee Simmons, Sr., and Mrs. Myra Singleton Quarles Thompson.

The memorial design reflects the powerful and inspiring way in which the Emanuel Nine family members relied on the bedrock of their faith to reverse the spread of hate with a message of unyielding love and forgiveness.



"To heal we must forgive. That's what I've learned this past year... So much hate. Too much. But as scripture says, 'Love never fails.' So, I choose love. Hatred ... Racism...Injustice. We can't hide from these truths. Together we can fight for change. Together we can heal. Together we can love."

Polly SheppardSurvivor, July 19 2016

Mission

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The Mother Emanuel African Methodist Episcopal Church Memorial honors the lives of the Mother Emanuel Nine. It celebrates love and forgiveness from the victims' families and illustrates the spirit of resiliency shown by the survivors, church members, the Charleston community, and the world. The memorial should motivate people and communities everywhere to eradicate racism and inspire greatness from all humankind.

The Church's Rich History is Ever Present

Families and representatives of survivors and the Emanuel Nine spoke with architect Michael Arad to share their thoughts and remembrances. Daniel Simmons, Jr., son of Reverend Daniel Simmons, Sr. noted that, "The church's rich history is ever present, and the Emanuel Nine's lives reflected it." Mabel Washington, representing Tywanza and Felicia Sanders added, "They were like brothers and sisters, together all of the time." Melvin Graham, brother of Cynthia Graham Hurd, hoped to "Show unity, and hope, and light in the circle."



AboveView of the fountain and fellowship benches from Calhoun Street.

"I refuse to let hate destroy me. Hate destroys those who harbor it. The Bible tells us that, 'If we humble ourselves, pray and turn from our wicked ways, God will forgive us and heal our land.' Let us heed God's word, and in turn may God heal our nation."

Felicia Sanders

Survivor July 19 2016





Memorial Courtyard

Michael Arad began the design process by reframing the church grounds to create a sacred space for a memorial and a garden space to honor the survivors. A Memorial courtyard was designed in honor of the spirit and fellowship of the Emanuel Nine as space for the congregation and the community. It encourages positive change, while also creating a space to reflect in quiet contemplation.

This coming together is encouraged through the creation of two fellowship benches facing each other. An opening between the two benches widens towards the entrance, welcoming strangers to enter and join in community. The high backs of the benches arc up and around, like sheltering wings. They provide a sense of enclosure, and like a pair of arms, cradling visitors inside this space.

Left

View of the memorial courtyard from above.

AboveView of the fountain and fellowship bench.

At the center of the Memorial, the curve of the stone benches encircle a marble fountain. The names of the Emanuel Nine are carved around the fountain's edge. Water emanates from a cross-shaped source, filling the basin and gently spilling over the names of the Emanuel Nine.



Above View of the contemplation basin.

Contemplation Basin

The opening between the fellowship benches towards the back of the Memorial Courtyard reveals a cross above a simple altar, offering visitors a quiet place to linger in thought and prayer.







Survivors' Garden

From the Contemplation Basin, a pathway leads to a new Survivors' Garden dedicated to life and resiliency.

A newly landscaped church yard will enhance the daily life of the Church and its members. A lawn surrounded by six stone benches and five trees is dedicated to the five survivors of the attack, and the congregation.

The Mother Emanuel AME Church is situated between the forthcoming International African American Museum to the east and the John C. Calhoun Monument at Marion Square to the west.

The Emanuel Nine Memorial design draws the grounds of the church into this larger context, inviting "a dialogue between visitor and place, its past and present," architect Michael Arad explains.

Family members of the Emanuel Nine say they hope the Memorial will bring people together to resolve their differences, reverse hate, end gun violence and work toward justice with unyielding love and compassion.



About the Designer

In 2017 Michael Arad was selected to design a memorial to the victims of the 2015 Charleston church massacre at the Mother Emanuel AME Church in Charleston, South Carolina. Michael Arad's work on the National September 11 Memorial at the World Trade Center site in New York City was a significant qualification for the Emanuel Nine Memorial design project.

Mr. Arad is a partner at Handel Architects where he worked on realizing the National September 11 Memorial design.

A native of Israel, Mr. Arad was raised there, the U.K., the United States and Mexico. He came to the United States and earned a B.A. from Dartmouth College in 1994 and a Master of Architecture from the Georgia Institute of Technology in 1999.

In 2012, he was awarded the AIA Presidential Citation for his work on the National September 11 Memorial. In addition, he was also honored in 2012 by the Lower Manhattan Cultural Council with the Liberty Award for Artistic Leadership. His work on the Memorial was also recognized with Honor Awards from the AIA and ASLA.

Left John Darby and Reverend Eric S. C. Manning, co-chairs of the Mother Emanuel Memorial Foundation, with Michael Arad, designer of the memorial.

It was a horrific act and a holy response that brought our nation to its knees. The Emanuel Nine Memorial offers a prayer to the world:

God help us.
Help us bear witness
to the pain of inhumanity
and the goodness of life.
Heal us from the ravages of hate.
Help us embrace our spiritual freedom,
in order to bless this broken world.
Help us have faith always and never lose hope
so that love may live on through us.
Amen.

You are invited to be part of the life affirming way forward as we begin to build and endow the Emanuel Nine Memorial. Please give.

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P.O. Box 242 Charleston, South Carolina 29402 emanuelnine.org

City of Isle of Palms Financial Statement Summary as of August 31, 2023 (Dollars in Thousands)

REVENUES EXPENDITURES TRANSFERS IN / (OUT) YTD Actual YTD **Forecast** YTD **Forecast** YTD **Forecast** Current Current Current Net Rev & YTD Annual Remaining Actual as Above or **Annual** Remaining Actual as Above or Annual Remaining Actual as Above or YTD Actual Annual YTD Actual Annual **Annual** Exp to Collect a % of to Transfer a % of to Spend a % of Budget (Below) Budget (Below) Actual Budget (Below) **Forecast** Forecast **Forecast** Budget **Budget** Budget Budget Budget Budget **\$ 1,111** \$13,942 \$ 12.831 8% \$ 13,942 \$ 471 \$ (467)14,413 \$ 12,335 14% (963)\$ 1% (467)\$ 2,078 \$ 14,413 \$ General 3,017 2,898 4% 3,017 (40)40 0% 54 5,425 5,371 1% 5,425 Capital Projects 119 40 65 437 8% 437 (979)979 0% 979 84 1,763 5% 1,763 Muni Accom Tax 33 404 1,679 (51)Hospitality Tax 207 656 449 32% 656 0% 278 214 20% (278)278 1,093 879 1,093 (7) State Accom Tax 34 471 437 7% 471 (4) (1,359)1,355 0% 1,355 14 2,306 2,292 1% 2,306 16 Beach Prserv Fee 855 241 1,845 1,604 13% 1,845 855 855 0% 241 Marina 103 441 338 23% 441 2,185 (2,185)0% (2,185)66 927 861 7% 927 37 29 74 39% 74 13 12 8% 13 28 Disaster Recovery 45 232 All Other 13 234 221 6% 234 6 (6)19 213 8% 232 (6) **1,890** \$21,117 \$ 19,227 **\$ 2,530** \$ 27,027 \$ 24,497 \$ 27,027 Total All Funds \$ 21,117 \$ 6 \$ 9% (640) (6)6 \$

	G	en	eral Fu	nd YTD	Re	venues				
	FY24 YTD actual		FY24 Budget	% of FY24 Budget		23 YTD Actual	% of Prior YTD	Current Annual orecast	Al (B	recast pove/ elow) udget
Prop Tax	\$ 31	\$	4,914	1%	\$	16	194%	\$ 4,914	\$	_
LO Sales Tax	-		1,113	0%		-		1,113		-
Business Lic	123		1,608	8%		218	56%	1,608		-
Rental Lic	81		1,431	6%		51	159%	1,431		-
Other Lic (Insurance/Utilities)	-		1,645	0%		-		1,645		-
Build Pmts	147		845	17%		222	66%	845		-
From State	-		311	0%		-		311		-
Parking	503		1,343	37%		410	123%	1,343		-
All Other	226		732	31%		138	164%	732		-
Total	\$ 1,111	\$	13,942	8%	\$	1,055	105%	\$ 13,942	\$	_

	Genera	al Fun	d YTD Ex	(YTD targe	et = '	16%)					
		FY24 YTD Actual	FY24 Budget	% of FY24 Budget	}	Y23 /TD ctual	% of Prior YTD	Α	urrent nnual recast	(4	orecast Above)/ Below Budget
Mayor/Council	\$	11	\$ 124	9%	\$	12	92%	\$	124	\$	-
General Govt	Ψ	217	2,409	9%	Ψ	173	125%	Ψ	2,409	Ψ	_
Police		537	3,304	16%		481	112%		3,304		_
Fire		710	4,708	15%		674	105%		4,708		-
Public Works		250	1,694	15%		295	85%		1,694		-
Build & Lic		74	514	14%		65	114%		514		-
Recreation		192	1,190	16%		206	93%		1,190		-
Judicial		37	331	11%		52	71%		331		-
BSOs		50	139	36%		43	116%		139		-
Total	\$	2,078	\$ 14,413	14%	\$	2,001	104%	\$	14,413	\$	-

City of Isle of Palms Supplemental Financial Information as of August 31, 2023 (Dollars in Thousands)

Cash Bal	ances	Cash Balances						
	8/31/2023	8/31/2022						
General Fund As a % of GF Exp (target is > 30%)	4,706 33%	6,423 52%						
Capital Projects Disaster Recovery Marina	12,738 3,092 1,892	9,558 2,886 835						
Tourism Funds Beach Preservation Other Restricted	10,503 8,587 174	6,581 6,515 154						
Total All Cash	41,692	32,952						
Deposits at LGIP (5.5897%) Average Deposits at TRUIST	39,247 2,445	94% 6%						
RESTRICTED CASH	19,264	46%						

			Fu	nd Balance	es		
Fund	UN. Fun	30/2023 AUDITED d Balance Note 1)	Net Tra	4 YTD Actual Revenues & nsfers Less Expenses	Current Fund Balance	6/30/24 Budgeted Fund Balance	6/30/24 Forecast Fund Balance
General Fund	\$	5,984	\$	(963)	5,021	\$ 4,594	\$ 4,594
Capital Projects	Ψ	11.301	Ψ	65	11,366	8,773	8,773
Muni Accom Tax		3,694		(51)	3,643	2,773	2,773
Hospitality Tax		1,440		(7)	1,433	618	618
State Accom Tax		4,172		16	4,188	3,392	3,392
Beach Funds		8,346		241	8,587	9,118	9,118
Marina (See Note 1)		2,025		63	2,088	348	348
Disaster Recovery		3,064		28	3,092	3,079	3,079
All Other		179		(6)	173	178	178
Total All Funds	\$	40,205	\$	(614)	\$ 39,591	\$ 32,873	\$ 32,873

Note 1: The comparable amount for the Marina Enterprise Fund is not Fund Balance, but Unrestricted Net Position. To be consistent with the presentation of the other funds, the Marina Fund Balance does not include net fixed assets. Unrestricted net position is approx equal to net current assets for the Marina.

August 2023 Notes:

- General Fund revenues are 8% of budget. Over 50% of FY24 revenue has been collected from parking, court, and interest revenue. The General Fund revenue is 5% ahead of YTD balance August 2022. General Fund expenditures are 14% of budget which is slightly less than the 16% target. All other Funds have increased interest income over prior year activity for August 2022.
- The City has approximately \$42 million in cash deposits. Approximately \$1.9 million of this total represents unspent drainage bond proceeds, \$2.2 million is unspent federal ARP funding, \$1.5 million is unspent SCPRT funding for dredging and \$19.2 million is restricted for tourism related expenditures or beach preservation.
- The City was awarded \$161,892 in grant funds from FEMA and the State related to Hurricane Ian debris removal in August.
- Charleston County has provided property value assessments for purposes of setting the millage rate for October 2023 tax bills. Total assessed values, including personal property and motor vehicles, have increased by 5.97% from the prior year. The revenues are expected to meet or exceed the City's FY24 property tax budget; therefore no millage increase is necessary to meet FY24 budget goals.

Heads in

Municipal Ac	commodation	s Fee		(1% of Accommodation Sales)				
	FY18	FY19	FY20	FY21	FY22	FY23	FY24	
JUL	139,501	199,724	195,287	172,336	256,308	301,674	269,304	JUN
AUG	235,007	209,600	213,067	169,596	378,001	314,397		JUL
SEPT	157,274	152,535	152,561	186,938	248,118	187,966		AUG
ОСТ	75,353	79,534	75,506	129,033	124,372	72,522		SEPT
NOV	64,256	63,444	65,882	66,090	102,229	154,713		ОСТ
DEC	32,877	40,182	34,301	71,683	70,478	185,019		NOV
JAN	28,859	25,836	32,335	34,025	75,503	115,313		DEC
FEB	18,317	13,666	18,596	26,709	25,613	42,912		JAN
MAR	21,562	19,983	9,690	31,080	39,938	86,414		FEB
APR	53,213	53,685	26,422	68,055	82,759	24,152		MAR
MAY	88,875	90,800	7,181	125,288	186,478	233,832		APR
JUNE	94,112	97,999	55,311	153,337	183,011	183,028		MAY
Deduct last July	(139,501)	(199,724)	(195,287)	(172,336)	(256,308)	(301,674)	(269,304)	
Add next July	199,724	195,287	172,336	256,308	301,674	269,304	,	JUN
Total Fiscal Year	1,069,429	1,042,551	863,187	1,318,141	1,818,174	1,869,571	-	
	Incr from FY17 10%	Incr from FY18 -3%	Incr from FY19 -17%	Incr from FY20 53%	Incr from FY21 38%	Incr from FY22 3%	Incr from FY23 -11%	

Heads in Beds in

Jun-Aug Sept-Nov Dec-Feb Mar-May

modations Tax	x (Tourism-R	elated Only)	(Approx 2% of Accommodation Sales)					
FY18	FY19	FY20	FY21	FY22	FY23	FY24		
518,028	546,269	580,306	553,971	861,205	952,270			
202,803	203,067	181,550	252,012	347,299	360,479			
71,773	103,097	88,638	132,256	168,824	181,961			
413,234	445,779	242,893	650,839	886,253	919,402			
1,205,838	1,298,212	1,093,387	1,589,078	2,263,580	2,414,112	-		
3%	8%	-16%	45%	42%	7%	Incr from FY23		
	FY18 518,028 202,803 71,773 413,234 1,205,838	FY18 FY19 518,028 546,269 202,803 203,067 71,773 103,097 413,234 445,779 1,205,838 1,298,212 3% 8%	518,028 546,269 580,306 202,803 203,067 181,550 71,773 103,097 88,638 413,234 445,779 242,893 1,205,838 1,298,212 1,093,387 3% 8% -16%	FY18 FY19 FY20 FY21 518,028 546,269 580,306 553,971 202,803 203,067 181,550 252,012 71,773 103,097 88,638 132,256 413,234 445,779 242,893 650,839 1,205,838 1,298,212 1,093,387 1,589,078 3% 8% -16% 45%	FY18 FY19 FY20 FY21 FY22 518,028 546,269 580,306 553,971 861,205 202,803 203,067 181,550 252,012 347,299 71,773 103,097 88,638 132,256 168,824 413,234 445,779 242,893 650,839 886,253 1,205,838 1,298,212 1,093,387 1,589,078 2,263,580 3% 8% -16% 45% 42%	FY18 FY19 FY20 FY21 FY22 FY23 518,028 546,269 580,306 553,971 861,205 952,270 202,803 203,067 181,550 252,012 347,299 360,479 71,773 103,097 88,638 132,256 168,824 181,961 413,234 445,779 242,893 650,839 886,253 919,402 1,205,838 1,298,212 1,093,387 1,589,078 2,263,580 2,414,112 3% 8% -16% 45% 42% 7%		

Chas County	ATax Pass-Th	rough	(2	(20% of County's 2% on IOP Accommodation Sales)						
	FY18	FY19	FY20	FY21	FY22	FY23	FY24			
Sept Qtr	327,750	381,000	370,500	-	301,714	231,164				
Dec Qtr					99,602	182,929				
Mar Qtr					59,369	61,688				
June Qtr	109,250	127,000		508,000	269,609	275,853				
Total Fiscal Yr	437,000	508,000	370,500	508,000	730,293	751,634	-			
	-16%	16%	-27%	37%	44%	3%				
	Incr from FY17	Incr from FY18	Incr from FY19	Incr from FY20	Incr from FY21	Incr from FY22	Incr from FY23			

Hospitalit	у Тах				(2% of Prepared	l Food & Bevera	ge Sales)	Food/Be
	FY18	FY19	FY20	FY21	FY22	FY23	FY24	
JUL	89,309	104,681	88,238	66,947	137,933	142,534	156,544	JUN
AUG	98,883	101,031	106,673	59,353	135,765	165,544	192,906	JUL
SEPT	81,373	78,014	78,129	49,484	108,077	131,756		AUG
ОСТ	56,439	69,394	76,033	37,348	88,581	121,169		SEPT
NOV	70,905	65,210	66,929	27,609	96,511	104,213		ОСТ
DEC	41,260	38,440	56,591	46,700	56,990	87,532		NOV
JAN	19,085	31,905	28,058	57,988	48,652	57,107		DEC
FEB	28,826	27,373	27,574	24,135	33,118	51,417		JAN
MAR	49,744	40,741	21,853	39,019	62,430	62,919		FEB
APR	66,633	66,425	12,956	50,777	79,088	117,561		MAR
MAY	79,870	85,134	15,429	85,357	142,227	142,964		APR
JUNE	87,753	100,621	46,102	114,802	152,842	155,895	_	MAY
educt last July	(89,309)	(104,681)	(88,238)	(66,947)	(137,933)	(142,534)	(156,544)	
dd next July	104,681	88,238	66,947	137,933	142,534	156,544		JUN
otal Fiscal Year	785,452	792,527	603,275	730,503	1,146,816	1,354,621	192,906	
	Incr fr FY17 5%	Incr fr FY18 1%	Incr fr FY19 -24%	Incr fr FY20 21%	Incr fr FY21 57%	Incr fr FY22 18%	Incr fr FY23 13%	

Beach Pre	eservation Fee				(1%	of Accommoda	ation Sales)	Heads in Beds in
	FY18	FY19	FY20	FY21	FY22	FY23	FY24	
JUL	192,666	199,724	195,287	172,336	256,308	301,674	269,304	JUN
AUG	181,842	209,600	213,067	169,596	378,001	314,397		JUL
SEPT	157,274	152,535	152,561	186,938	248,118	187,966		AUG
ОСТ	75,353	79,534	75,506	129,033	124,372	72,522		SEPT
NOV	64,256	63,444	65,882	66,090	102,229	154,713		ОСТ
DEC	32,877	40,182	34,301	71,683	70,478	185,019		NOV
JAN	28,859	25,836	32,335	34,025	75,503	115,313		DEC
FEB	18,317	13,666	18,596	26,709	25,613	42,912		JAN
MAR	21,562	19,983	9,690	31,080	39,938	86,414		FEB
APR	53,213	53,685	26,422	68,055	82,759	24,152		MAR
MAY	88,875	90,800	7,181	125,288	186,478	233,832		APR
JUNE	94,112	97,999	55,311	153,337	183,011	183,028		MAY
Deduct last July	(139,501)	(199,724)	(195,287)	(172,336)	(256,308)	(301,674)	(269,304)	
Add next July	199,724	195,287	172,336	256,308	301,674	269,304	-	JUN
Total Fiscal Year	1,069,429	1,042,551	863,187	1,318,141	1,818,174	1,869,571	-	
	Incr from FY17 10%	Incr from FY18 -3%	Incr from FY19 -17%	Incr from FY20 53%	Incr from FY21 38%	Incr from FY22 3%	Incr from FY23 -11%	

-	E)/40	X = 5//10		tion of the 1% C		· .		, L
	FY18	FY19	FY20	FY21	FY22	FY23	FY24	l
AUG	83,614	88,713	93,221	87,833	130,373	135,943		JUL
SEPT	73,671	72,557	83,456	83,149	99,719	111,272		AUG
OCT	61,352	63,829	62,752	71,963	83,230	92,568		SEPT
NOV	61,040	61,435	65,514	68,054	85,199	93,138		ОСТ
DEC	49,732	54,748	59,951	67,342	73,716	79,844		NOV
JAN	55,282	57,483	64,996	69,592	71,846	84,290		DEC
FEB	43,314	48,026	53,263	58,840	64,365	71,140		JAN
MAR	47,589	49,240	50,882	60,533	66,029	75,337		FEB
APR	60,349	65,794	43,070	83,678	90,351	97,399		MAF
MAY	77,153	85,394	56,012	100,082	108,756	108,050		APR
JUNE	70,879	78,238	74,078	102,313	109,271	108,590		MAY
JULY	88,382	92,504	92,789	117,380	128,957	127,335		JUN
Fiscal Year	772,357	817,962	799,984	970,759	1,111,813	1,184,906		

City of Isle of Palms

Memo

To: Desiree Fragoso/City Administrator

From: Chief Oliverius/ Fire Chief

Cc Lynn Golden Fire Department Administrative Assistant

Date: September 07, 2023

Re: Bid Review and Recommendation Direct Source Capture Apparatus Exhaust Systems

Mrs. Fragoso,

The Fire Department completed an evaluation as per our procurement guidelines to identify the most responsive bidder for our direct source exhaust capture systems for Fire Station 1 and Fire Station 2. Air Cleaning Specialists "ACS" / Plymovent was identified as the most responsive bidder. ACS was the low bidder at a total cost of \$97,755.00. ACS was \$17,589.00 below the bid package provided by MagneGrip. ACS also provides service within 48 hours and two system tune ups per year for the first 5 years during the warranty period. ACS was thusly identified as the most responsive bidder due to cost and service.

Thank you.

Craig K. Oliverius 69/07/2023



THE PROPOSAL

[P2589]

Coastal Engineering Services Isle of Palms, South Carolina

INTRODUCTION

This proposal is submitted at the request of the City of Isle of Palms (IOP) for various coastal engineering services related to potential beach restoration activities on the island. Specifically, the proposal includes services necessary to:

- A. Provide liaison and community outreach, prepare a preliminary design, and prepare and submit a permit application package for shoal management/sand recycling along the beach at the northeastern end of the island.
- B. Provide preliminary engineering services for borrow area identification and coordination with the SC State Historic Preservation Office (SHPO) for potential large-scale nourishment projects at the north and south ends of Isle of Palms.
- C. Provide project review and supplemental engineering services for the planned USACE beneficial use project along the southern end of the island.

The proposed work follows a series of beach management efforts sponsored by the City since 2007, including the 2008 nourishment project, shoal management projects in 2012 and 2014, and the 2018 nourishment project. Additionally, post-storm dune restoration projects have been completed following Hurricanes *Matthew* and *Irma* in 2016 and 2017.

CSE provided coastal engineering services for each of these efforts, and has monitored the entirety of the Isle of Palms' beach since 2007. The purpose of monitoring is to document sand volumes remaining in the nourishment project area, assess sand transport to downcoast areas, and document overall beach and dune condition along the island before and after storm events. As of 2022, approximately 460,000 cubic yards (cy) of sand has shifted from the 2018 project area to Reach 3 (between 41st Ave and 53rd Ave), leading to substantial growth of the beach and dune system in that area. Additional accretion of 75,000 cy has occurred in Reach 2 (Sea Cabins Pier to 41st Ave) and 55,000 cy to Reach 7 (Dewees Inlet). Within the project area, approximately 1,175,000 cy has eroded since 2018.

The measured volume changes and present condition of the beach may warrant additional beach restoration in the near future. Presently, the beach condition along portions of the 2018 project area is lower than the ideal profile volume, and erosion trends suggest that more erosion is likely in the future.



While the overall condition of the beach in the project area is healthy, focused erosion may impact property, recreational use, and storm protection. To implement Scope A, CSE has recommended that the City pursue a permit for sand recycling/shoal management to address hot spot erosion. This strategy can temporarily relieve shoal-induced erosion that affects small portions of the northeast end. By implementing focused projects to address hot-spot erosion, the overall health of the east end is maintained, and prolongs the interval until the next large-scale project is needed. The proposed project would shift sand from accretional areas in Reach 4 or from attaching shoals should sand be accessible (similar to the projects conducted in 2012 and 2014).

Scope B is proposed based on the understanding that another large-scale nourishment project will be required at the east end and possibly the south end of the island in the future. During planning for the 2018 project, the City became aware of a historic resource offshore in the vicinity of proposed borrow areas. CSE completed additional geotechnical analysis to find sufficient beach-compatible material outside of the proposed boundary of the historic resource; however, it was understood that limited sand resources in the future may necessitate work within the proposed historic boundary. Coordination with SC SHPO, including supplemental surveys of possible cultural resources, will be required to allow for any new borrow area offshore of IOP. The proposal includes significant time to coordinate with SHPO and complete fieldwork, including multibeam bathymetric surveys, side-scan surveys, and magnetometer surveys within or surrounding the historic district or potential borrow areas.

Additionally, borrow sources closer to the south end of the island may be required to achieve cost-effective bids for a project along the south end. Nourishment cost and production is highly dependent on the pumping distance between the beach and borrow area; borrow sites near the island's east end may be too far for typical nourishments at the south end. Scope B includes initial geotechnical data collection to identify the likelihood that beach-compatible borrow material exists offshore of the south end of Isle of Palms. Future design-level investigations will be required to provide sufficient detail and data resolution for permitting and final project design.

Finally, Scope C is included in anticipation of a planned USACE beneficial use project that is expected to place 400,000–500,000 cy of material between Breach Inlet and 9th Avenue in early 2024. The project, as CSE presently understands it, will excavate sand from the spoil islands along the Intracoastal Waterway and place the material along the lower-beach face and shallow inshore zone of the beach. By placing material in this zone, wave action will wash fine-grained material from the area and rework the remaining sand to build a natural profile seaward of the present shoreline.

The scope of work proposed by the USACE does not include any work along the dunes. The City will have the ability to shift sand from the placement area into a dune under the USACE authorization; however, the City will be responsible for procuring a contractor and managing any work beyond the USACE scope. This proposal includes the time and expenses necessary for CSE to review the USACE plans, provide liaison between the USACE and City, observe the USACE project construction, design a dune restoration project (if conditions warrant), and provide construction administration.



BASIC SERVICES

References to the "Engineer" in the scope of services are to CSE as the project manager responsible to the City for the execution of the services proposed. Execution of the services by CSE includes completion of work as required to perform all aspects of the scope of services. References to the "City" refer to the City of Isle of Palms, a South Carolina municipality.

SCOPE OF SERVICES

The scope of services proposed herein represents the basic services. It is based on CSE's work to date for the City, experience on similar projects and project components, the scope of the project as defined by this proposal, and the regulatory requirements of agencies of the State of South Carolina and the federal government with jurisdiction over construction at the site. The following scope of services is proposed.



Scope A - Sand Recycling/Shoal Management

Task 1.0 Project Planning, Communication, and Liaison

Task 1 covers professional time to meet with the City of IOP, discuss the goals and objectives of the project, and establish project schedules. CSE also proposes to meet with regulatory and resource agencies before preparing the permit application and supporting documents to identify issues and concerns that should be addressed in the application. We anticipate the environmental concerns regarding the proposed project will be similar to those expressed by regulatory and resource agencies for similar projects at IOP, Seabrook, and other communities. Time for extra coordination with property owners is included in CSE's proposed budget, as building support for the project in the areas where sand may be harvested is critical to a successful project. Specific work items under Task 1 will include:

- Meetings with City officials (assume two).
- Interagency meeting with regulatory and resource agencies (assume one).
- Prepare correspondence, timetables, and project narratives for the community as needed and directed by the City.
- Participate in public forums.
- Provide liaison with government agencies.
- Modify the plan according to changes in funding levels or market conditions.

Task 2.0 Field Data Collection

Task 2 is reserved for potential field data collection needs that may arise from comments from agencies or other stakeholders. CSE does not anticipate any field data requirements for Scope A; however, we will complete necessary data collection under an amendment to this proposal should the need arise.

Task 3.0 Engineering and Project Design

Task 3 will cover professional time and expenses to develop the plan for multiple sand transfer events. Services will include:

- Review of recent condition surveys.
- Layout of potential borrow areas.
- Develop criteria for excavations and borrow area boundaries and identify the maximum project footprint and environmental protection criteria.
- Develop representative fill sections, plan, and volumes considering the access along the beach and logistics to facilitate cost-effective construction by off-road earthmoving equipment.



Task 4.0 Permitting

Task 4 will cover professional time and expense to assemble a permit application with drawings, prepare and submit a public notice, and provide permit liaison throughout the comment and review period. Services will include:

- Prepare permit drawings (vicinity map, project plan, borrow area map and sections, fill plan and sections).
- Prepare permit application forms and narrative.
- Prepare necessary environmental impact documents, including a Biological Assessment and Essential Fish Habitat Assessment.
- Coordinate supporting forms with IOP, including Affidavit of Ownership and List of Adjacent Property Owners.
- Prepare newspaper notices.
- Submit application, processing fee(s), and supporting technical reports/publications.
- Provide permit tracking assistance.

Scope B - Preliminary Borrow Area Investigation and SHPO Coordination

Task 1.0 Project Planning, Communication, and Liaison

The project-planning portion of the project will include coordination and meetings with City representatives and state and federal officials to:

- Review the goals and schedule for the project.
- Provide liaison with government agencies.
- Modify the plan according to changes in funding or agency comments.
- Discuss the project and results with the City and stakeholders.
- Assist with the acquisition of easements.

Task 2.0 Field Data Collection

Task 2 covers time and expenses to collect field data, including a preliminary borrow area search, geotechnical borings, bathymetric surveys, and cultural resource surveys. Efforts will focus on establishing the feasibility of a borrow source closer to the south end of the island and supplement data provided by SHPO regarding the 2nd Stone Fleet. Specific work items under Task 2 will include:



- 2.1 Detailed single-beam survey of the offshore area between the northern Charleston jetty and the southern limit of existing data obtained by CSE during prior surveys (approximately station 140+00). Data will be obtained between –10 feet (ft) NAVD on the landward side and a minimum of –30 ft NAVD or 3 miles offshore on the seaward side. Data would be used to generate a three-dimensional (3D) terrain model of the seafloor, which would aid in analysis of the offshore morophology and selection of potential sand search areas. The Engineer would use these data to plan for geotechnical studies of offshore deposits.
- 2.2 Borrow area investigation in the offshore area off of the south end of IOP, including the collection of up to 20 borings. The purpose of the borings is to locate potential sand resources containing compatible material for a nourishment project. CSE proposes to utilize Athena Technologies Inc. to obtain the proposed borings. Borings would be attempted to depths of at least 8 ft below the substrate. The Engineer would follow standard sampling and laboratory testing protocols to analyze sediment quality and to determine compatibility with the native beach sediments. The offshore area(s) chosen for reconnaissance-level investigation will be selected based on reviewing relevant literature and reports on offshore sediments (eg USACE, Coastal Carolina University, etc) and the bathymetry obtained Task 2.1. CSE will log, photograph, and archive all borings as well as complete all statistical analysis of the samples.

Borings would be analyzed in the laboratory after splitting, logging, and sampling each core. Up to 40 sediment samples would be obtained for analysis of the cores. Samples would be dried, weighed, and sieved at 0.25-phi intervals to determine sand-size distributions and to compare with native beach samples from the IOP beach.

CSE would determine the compatibility of offshore and native sediments using industry-standard statistical techniques as detailed in the USACE Coastal Engineering Manual (2002), as well as performance-based standards applied by CSE in previous projects (cf – Kana & Mohan 1998, CSE 2004, 2008). These data would be used to determine whether there are viable offshore deposits within economical distances to the south end of IOP. CSE places great emphasis on geotechnical surveys for beach nourishment design because sediment quality and proximity of borrow sources control the overall construction cost.

The borings would be used to prepare a rough map of potential compatible sand resources. Supplementary borings will likely be needed to finalize a borrow area for permitting or construction. In CSE's opinion, having a quality sand source is the most crucial factor in obtaining lower bids from dredging contractors since it allows for efficient operation, reduced time, and less chance for construction delays. It is also one of the most critical factors in the longevity of the fill, the aesthetic quality and public reception of the project, and in reducing the environmental impacts of the project.



2.3 Supplemental cultural resource surveys, including multibeam data collection, side-scan sonar, and magnetometer surveys within the proposed SHPO project area and surrounding areas. SHPO has identified data gaps within the proposed historic district that would need to be addressed before any potential dredging project could be considered. Data collection will utilize a Ping DPS multibeam/sonar system and Geometrics 882 magnetometer, which are instruments approved for cultural resource surveys by SHPO. Data collection efforts will focus on areas identified by SHPO; however, they will extend into areas that CSE believes are likely to contain beach-compatible material based on prior geotechnical investigations. Data collection will occur in phases to allow CSE to consult with SHPO and adjust the scope of subsequent data collections to ensure that efforts will address cultural resource concerns. CSE has included up to 8 days of supplemental data collection under this subtask.

Task 3.0 Engineering and Summary Report

Task 3 will cover professional time and expenses to complete engineering analysis of data collection efforts from Task 2, coordinate with SHPO and regulatory agencies, and develop preliminary plans for permitting and/or subsequent phases of project planning for large-scale nourishment projects at the north and south ends of IOP. Specific work items include:

- Sediment Analysis.
- Review beach monitoring data to determine the approximate scale of potential nourishment and volume requirements.
- Development of elevation models from bathymetric data.
- Review of cultural resource data.
- Coordination with SHPO, USACE, SCDHEC OCRM.
- Define preliminary borrow areas and areas for future investigations.

Task 3 will cover professional time and expenses to prepare a summary report outlining the findings of Tasks 1–3 and will include recommendations for subsequent phases of nourishment planning. These recommendations will outline additional data requirements (ie – number of additional borings required, additional cultural resource surveys) and potential mitigation strategies to satisfy SHPO and regulatory agencies. The report will provide a cost opinion for permitting various project scenarios, including placement and the north and south ends of the Isle of Palms.

Tasks 4–7 are not required under Scope B.



Scope C - USACE Breach Inlet Project Coordination

The USACE plans on implementing a beneficial use project to place ~400,000–500,000 cy of sand along the southern shoreline of Isle of Palms. This project will allow for future dredging work of the ICWW, with the added benefit of returning sand to the beach system. While the project is sponsored and managed by the USACE, the City will need to work closely with the USACE to ensure that the effort meets the expectations of the City and that impacts to the City and its residents are minimized.

Additionally, the City may elect to supplement the USACE effort by completing a dune enhancement project concurrently with the USACE work. Based on the dune condition at the time of Construction, the City may benefit from the opportunity to shift sand placed by USACE into the dune along the south end of the beach. The City would be responsible for contracting and implementing the work, but would be authorized to complete it under the project's USACE permit. The City would need to hire either the contractor doing the USACE work or an independent contractor to harvest sand from the USACE placement and place it along the dune in a designed profile. The scope herein includes time and expenses for CSE to assist the City with this effort, including design, bid coordination, and construction observation of a dune enhancement project.

Task 1.0 Project Planning, Communication, and Liaison

Task 1 covers professional time for CSE to meet with the USACE and City to review the project, develop schedules, assist with easements, and provide additional liaison regarding the planned USACE beneficial use project along the south end of the island. As the project is being sponsored and constructed by the USACE, the City may have a more limited role than typical for recent projects at IOP. Efforts will focus on relaying project information to owners and renters near the project and identifying what resources the City may need to utilize to ensure the project impacts to the community are limited.

Specific work items under Task 1 will include:

- Meetings/Liaison with City and USACE officials.
- Meetings/Liaison with residents/stakeholders.
- Review of USACE plans and specifications and project timeline.
- Assistance with easement acquisition.

Task 2.0 Field Data Collection

Task 2 covers professional time and expenses to complete field data collection necessary for implementing a dune restoration project in connection with the USACE beneficial use project. Note that work under Task 2 is only necessary if the City decides to supplement the USACE project.



Surveys of the harvest beach area and recipient dune area will be conducted to quantify available sand resources, establish the excavation limits, and design a dune profile. These surveys will be obtained via RTK-GPS and/or drone photogrammetry. Pre and post-project surveys of the dune will be obtained via drone to provide high-resolution images and elevation models of the dune condition. These will establish a new baseline condition for future monitoring efforts, including storm-damage assessments. Field work will be limited to that necessary to implement the project.

Task 3.0 Plan Design and Engineering

Task 3 covers professional time for CSE to design a dune enhancement project, including the scale of sand placement, limits of harvest and placement, design of sand fencing and vegetation, and assessment of logistical considerations for a project. For this effort, CSE assumes the City will seek to procure the same contractor constructing the USACE project or will prepare a bid package for a competitive bid. CSE will provide drawings and technical specifications for the City to include in a procurement procedure.

Specific work items under Task 3 will include:

- Delineation of harvest area boundaries.
- Calculation of volume requirements in the dune.
- Development of excavation plan.
- Preparation of drawings and technical specifications.

Task 4.0 Permitting

CSE does not anticipate that the City will be required to obtain permits for dune enhancement, as the work is included in USACE's environmental assessment and authorization for the project. CSE will provide necessary liaison with SCDHEC OCRM under Task 1 services.

Task 5.0 Final Design

No services under Task 5 will be required for this Scope.

Task 6.0 Bid Coordination

For this effort, CSE assumes the City will seek to procure the same contractor constructing the USACE project or will prepare a bid package for a competitive bid. CSE will provide drawings and technical specifications for the City to include in a procurement procedure. Specific work items include:

- Providing the City with drawings and specifications and review of a bid package.
- Assisting the City in advertising the project.
- Respond to Contractor questions.
- Contractor Review.



Contract negotiation.

Task 7.0 Construction Administration

Task 7 includes time and expenses for CSE to periodically assess the USACE project, liaise with the USACE and the City during construction, and perform construction administration for a dune enhancement project. CSE assumes that the USACE project will require 3–4 months. A dune enhancement project will likely require up to two weeks of construction. For the present proposal, CSE assumes that one trip to IOP will be required during the USACE portion of the project and 3–4 visits per week for the dune construction portion of the work. Note that costs for the dune work will only occur if the City elects to move forward with the project. Specific work items under this task include:

USACE Project

- Periodic site visits and review of the USACE project (1x per week).
- Assessment of beach accesses and City infrastructure during construction.
- Liaison with the USACE and the City.
- Review of project schedule and performance.
- Review of sediment quality.

Dune Enhancement Project

- Site visit to assess project (3–4x per week).
- Assistance with staging and mobilization.
- Liaison with Contractor, City, and Homeowners.
- Assistance with Payment Applications.
- Documentation of as-built dune condition.



ADDITIONAL SERVICES

The work described in the scope of services (does not include work in the following categories. Work in these categories or other services the City requests will be considered Additional Services.

If the City wishes CSE to perform any of the following Additional Services, the City shall so instruct CSE in writing, and the Engineer will perform or obtain from others such services and will be paid, therefore, as provided in the Agreement for Services between the City and the Engineer for Professional Services.

- Services resulting from significant changes in the project's general scope, extent, or character or substantial changes in the documentation previously accepted by the City where changes are due to causes beyond CSE's control.
- Providing renderings or models.
- Preparing documents for alternate bids requested by the City for work that is not executed or for out-of-sequence work.
- Detailed consideration of operations, maintenance, overhead expenses, value engineering, preparation of rate schedules, earnings and expense statements, cash flow and economic evaluations, feasibility studies, appraisals, and valuations.
- Furnishing the services of environmental scientists, biologists, fisheries scientists, chemical analysis laboratories, or other specialized scientific testing, evaluations, or services not explicitly included in the scope of services.
- Preparation of operations and maintenance manuals.
- Geotechnical engineering studies, including sediment sampling, borings, and reports not explicitly included in the scope of services.
- Surveys for staking out contractor(s) work except as noted herein.
- Preparing to serve or serving as a consultant or witness in any litigation, arbitration, or other legal or administrative proceeding except where required by the scope of services.
- Services of the independent cost estimator shall be Additional Services.
- Services of an environmental subconsultant for endangered species monitoring before, during, or after construction.



PROJECT SCHEDULE

The preliminary schedule notes that several of the scopes identified herein may be occurring simultaneously. The target completion date of Scope A (shoal management permitting) is August 2024. Scope B (Sand Search/SHPO coordination) will require ~6 months from notice to proceed. Presently, the USACE anticipates construction of the beneficial use project to occur over ~3 months between January and May 2024. The planning portion of Scope C will extend between the notice to proceed and the initiation of construction. Scope C is anticipated to be complete in May 2024.

PROPOSED BUDGET

Table A provides an itemized budget estimate for CSE's services for the scope of services as outlined herein. CSE agrees to perform the services on a time-and-expense basis according to the enclosed fee schedule. Should the City of Isle of Palms officials require additional assistance, CSE will provide a quote before performing the work. Reimbursables will be billed at cost. The allowance for borings is based on an estimate received from Athena Technologies for this proposal.

Table A. Proposed fees and reimbursable expenses for the scope of services provided herein.

			Fees	•		Direct Expens	es
		Scope A	Scope B	Scope C	Scope A	Scope B	Scope C
Task 1	Planning/Liaison	10,520.00	12,000.00	13,300.00	1,541.00	1,615.00	1,680.00
Task 2	Field Data Collection	0.00	38,600.00	6,400.00	0.00	88,794.70	7,435.75
Task 3	Engineering/Plan Develo	12,680.00	25,720.00	9,500.00	634.00	2,166.00	475.00
Task 4	Permitting	41,480.00	0.00	0.00	2,679.75	0.00	0.00
Task 5	Final Design	0.00	0.00	0.00	0.00	0.00	0.00
Task 6	Bid Coordination	0.00	0.00	3,800.00	0.00	0.00	190.00
Task 7	Construction Admin	0.00	0.00	34,720.00	0.00	0.00	7,568.80
Subtotal		64,680.00	76,320.00	67,720.00	4,854.75	92,575.70	17,349.55
	Fees & Expenses	Project Total					
Scope A		69,534.75					
Scope B ⁽¹⁾		168,895.70					
Scope C ^(2,3)		85,069.55					
Proposal Total		323,500.00					

⁽¹⁾Note that Scope B Direct Expenses includes \$45,000 allowance for up to 20 borings by subcontractor (Athena Technologies, Inc.)

⁽²⁾Note that Scope C assumes ~3 months of construction observation for the USACE project and ~3 weeks of dune construction

⁽³⁾Note that Scope C will be reduced by \$50,000 should the City not pursue a dune enhancement project in connection with the USACE project.



FEE SCHEDULE

[Effective through 31 March 2024]

The fee for our services will be based on the charges listed below. All fee quotations are estimates, and actual fees are based on actual time and expenses incurred by Coastal Science & Engineering unless otherwise stated in the proposal. All rates are listed in U.S. dollars.

Fees by task are based on estimated numbers of person-days to accomplish the scope of services detailed herein. In-office expenses include communication, copying, insurance (etc), and are charged as a percentage of fees rather than separate itemization. Direct expenses include travel (standard U.S. government mileage rate), lodging and per diem, 4-by-4 beach vehicle rental at \$120/day, survey boat rental at \$600/day, RTK-GPS rental at \$400/day, fuel and dockage at cost, sediment testing at \$60/sample, and field supplies at cost.

PERSONNEL	Staff Category	Hourly Rate
	Principal	185.00
	Coastal Engineer/Project Manager	170.00
	Sr Technical Associate/Coastal Scientist	150.00
	Technical Staff (CAD)	125.00
	Tech/Field Assistants	100.00
	Admin	85.00

Type of Contract Desired: Time and expenses for the herein-described services at a total not to exceed Three hundred, twenty-three thousand five hundred dollars (\$323,500).

Billing Schedule: CSE will invoice monthly for services performed the prior month with an itemization of direct expenses. Invoices will be pro-rated according to fees and expenses inside and outside the project limits. CSE reserves the right to transfer funds between tasks to accomplish the work expeditiously, provided the total cost of services does not exceed the indicated budget.



This Agreement and Proposal constitute the entire agreement between the Owner and the Consultant, and supersede all prior written or oral understandings. This Agreement may only be amended, supplemented, modified, or canceled by a duly executed written instrument.

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement as of the day and year first above written.

Owner:	Consultant:
City of Isle of Palms	Coastal Science & Engineering
PO Box 508	160 Gills Creek Parkway
Isle of Palms, SC 29451	Columbia, SC 29209
BY:	BY:
	August 11, 2023
Date	Date

Capital Projects Update - September 2023

Project Status

Fioject	Status
Phase 3 Drainage - 30th Avenue Outfall	Complete
Phase 3 Drainage - 36th Avenue Outfall	Work begins first week in October. Road closure scheduled for October 4th and stay in place for approx. 8 weeks.
Phase 3 Drainage - 41st Avenue Outfall	Deadline for Bids - 9/14
Waterway Boulevard Multi-Use Path Elevation Project	Two bids received. Staff coordinating w SCEMD for approval of contractor to perform pre-award costs for engineering and permitting. A recommendation for approval of contract will be made at the Council meeting on 9/26.
IOP Marina Public Dock & Greenspace	Design work 95% complete. Permits from OCRM and USACE expected by the end of September. Bidding will quickly follow once permits are in hand.
IOP Marina "T" Dock Repairs	Repairs/Maintenance to the T dock to be included as an alternate bid with the public dock bidding process
Marina Dredging	City held stakeholder meeting on 8/23 to begin coordination with marina neighbors to join permitting and dredging efforts. ATM studying the dredge disposal alternatives.
IOP County Park Emergency Vehicle Access	County Park staff provided feedback on the plans and Davis & Floyd is incorporating feedback into design. Plan is for concept finalization in October, bidding in November, approvals in December, and construction to start in January.
Beach Access Path Improvements	Staff working on surveying and design of footbridges for and ADA compliant boardwalks.
Beach Maintenance & Restoration	Emergency berm restoration project between 100-314 Ocean Blvd. progressing well and expected to be completed 9/12. Contractor will then move to 11-20 Beachwood East. Staff recommends approval of CSE proposal to begin permitting process,
	surveying borrow areas for large offshore projects on the north and south end and coordination of beneficial use project with USACE for the south end.
Fire Department Exhaust Systems for Fire Stations 1 & 2	Bids received. Staff recommends award of a contract to Air Cleaning Specialists at 9/26 Council meeting
City Hall Renovation	City received RFQ responses from two Design-Build Teams. Presentations scheduled for next Public Services & Facilities Committee meeting for
Outdoor Fitness Court at Recreation Center	Staff procuring quotes for installation of concrete slab. Once installed, National Fitness Court will ship equipment for installation.
Dog Park Improvements	Staff procuring quotes for hardscaping work for the entrance to and inside the park . Staff developing RFB for fence replacement.
Undergrounding Power Lines	Dominion Energy & Pike Engineering finalized design and cost estimate for undergrounding project at 14th Avenue. Staff to meet w DE to review and develop construction timeline.
SCDOT Palm Boulevard Bike, Pedestrian and Parking Enhancements	Waiting on update from SCDOT on when final conceptual design for Palm Boulevard improvements are expected to be completed and presented to City and community for feedback.