

**AMENDMENT NO. 3 TO AGREEMENT BETWEEN
SAN DIEGO UNIFIED PORT DISTRICT
and
KTU&A
for
CHULA VISTA BAYFRONT PARKS DESIGN SERVICES
AGREEMENT NO. 119-2016CH**

The parties to this Amendment No. 3 to Agreement are the SAN DIEGO UNIFIED PORT DISTRICT, a public corporation (District) and KTU&A, a California Corporation (Design Professional).

Recitals:

District and Service Provider are parties to an Agreement for Chula Vista Bayfront Parks Design Services. The agreement is on file in the Office of the District Clerk as Document No. 65392 dated August 3, 2016, as amended by Amendment No. 1, Document No. 66788 dated June 14, 2017, as amended by Amendment No. 2, Document No. 68298 dated April 17, 2018. It is now proposed to extend the agreement from June 30, 2019, to June 30, 2020, to increase the agreement by \$1,676,460 from a total of \$400,000 to \$2,076,460, and to amend Section 5.b., Attachment A, Scope of Services and Attachment B, Compensation & Invoicing.

The Parties Agree:

1. Section 2, **TERM OF AGREEMENT**, is hereby extended and shall terminate on June 30, 2020.
2. Section 3.a., **Maximum Expenditure**, shall be increased by \$1,676,460 and shall not exceed \$2,076,460.

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3. Section 5b. **DESIGN PROFESSIONAL'S SUB-CONTRACTORS**, is hereby amended to include the following additional sub-contractors:

<u>NAME OF FIRM</u>	<u>TYPE OF SERVICES PROVIDED</u>
RNT Architects	Architecture
Horton Lees Brogden Lighting	Lighting design
Ralph Appelbaum Associates	Interpretative planning/design
Gregoire Associates	Art Planning
DEW Inc.	Water feature MEP engineer

4. **ATTACHMENT A, SCOPE OF SERVICES**, Section 2. v. Tentative Delivery Schedule shall be replaced with the following:

Task	Description	Completion Date
2.1	Sweetwater Path and Park Integration (Urban Greening Grant)	Aug 15, 2018
2.2	Sweetwater Path Bridge and Channel Stabilization (Urban Greening Grant)	Aug 15, 2018
2.3	Wayfinding Framework	Dec 10, 2018
2.4	Parkway and Streetscape Design Elements	Dec 10, 2018
2.5	Presentations and Meetings	Dec 10, 2018
3.1	Sweetwater Park – Data Gathering and Analysis	Sept 30, 2018
3.2	Sweetwater Park – 50% Schematic Design	Jan 10, 2019
3.3	Sweetwater Park – 100% Schematic Design	Apr 30, 2019
3.4	Sweetwater Park – Community Outreach	Apr 30, 2019
4.1	Harbor Park – Data Gathering and Analysis	Sept 30, 2018
4.2	Harbor Park – 50% Schematic Design	Jan 10, 2019
4.3	Harbor Park – 100% Schematic Design	April 30, 2019
4.4	Harbor Park – Community Outreach	April 30, 2019
5.1	Travel and Reproduction	Aug 31, 2019
5.2	Topography and Utility Survey	Sept 30, 2018
5.3	Geotechnical Investigation	Apr 30, 2019

5.4	Biologic Mapping / Mitigation Plan	Sept 30, 2018 / June 30, 2019
5.5	Sea Level Rise and Coastal Protection	June 30, 2019
5.6	Supplemental Technical Studies	June 30, 2019
6.1	Promenade – 60% Construction Documents (Urban Greening Grant)	Oct 10, 2019
6.2	Promenade – 95% Construction Documents (Urban Greening Grant)	Dec 10, 2019
6.3	Promenade – Final Construction Documents (Urban Greening Grant)	Jan 31, 2019
6.4	Promenade – Bid and Construction Phase Support (Urban Greening Grant)	Apr 30, 2020

- 5 **ATTACHMENT A, SCOPE OF SERVICES**, is hereby amended to include the following:

3. SWEETWATER PARK SCHEMATIC DESIGN

- a. The intent of this amendment is to provide public outreach and advance the design of Sweetwater Park to provide a basis for CEQA review and Coastal Development Permit (CDP). The District and Consultant may agree to further amend the agreement in the future to include additional design development, construction document preparation, bidding assistance, construction support services and post-construction services.
- b. Design Professional will provide project management that will include management of project scope, budget and schedule, coordination with the District, coordination with other agencies having jurisdiction over aspects of the project, coordination with stakeholders and consultants involved with adjacent properties, subconsultants (including those hired by the District), quality assurance and quality control (QA/QC), and attendance or telephone/internet conferencing at bi-weekly team meetings.
- c. All work shall be in conformance with the Port Master Plan (PMP), the Chula Vista Bayfront (CVB) Development Policies and Public Access Program, the Natural Resource Management Plan (NRMP), the CVB Design Guidelines, and the Mitigation, Monitoring and Reporting Program

(MMRP). During the course of work, the Design Professional shall notify the District of any variances identified from these policy documents.

- d. Schematic Plans shall include but are not limited to the following:
 - i. Dimensional site plans drawn to scale showing all significant improvements planned to be constructed on the park site, including buildings, vehicle and pedestrian circulation, surface parking areas, outdoor improvements including hardscape and furniture, public access and amenities.
 - ii. Site plans shall include the location of all existing and proposed easements, location of all existing and proposed utilities, site drainage and stormwater plans, site grading plan, grade elevations of all structures and proposed site work.
 - iii. Floor plans and elevations of all structures.
 - iv. Exterior lighting plan (building and site) indicating required shielding.
 - v. Exterior public wayfinding signage locations.
 - vi. Landscape and fencing development plans with plant material lists and estimated mature heights.
 - vii. A summary of proposed sustainable materials and energy conservation systems.
 - viii. A written description of improvements with supporting notes on the site plans.
 - ix. A description of general methods of construction (typical equipment and estimated truck trips) and likely sequencing.
 - x. A general description of exterior color schemes along with building and site materials.
 - xi. Civil plans including preliminary grading and drainage plans.

- e. The designation “(M-x)” listed in the tasks below identifies specific meetings in the general sequence that they are to be conducted. The Design Professional shall prepare agendas, presentation materials and meeting minutes. The District will schedule meetings and make room arrangements in cooperation with the Design Professional. It is assumed that Sweetwater Park and Harbor Park meetings will be concurrent.

- f. This Scope of Services for Sweetwater Park encompasses Parcel S-2, Parcel SP-1 adjacent to S-2, the Living Coast Discovery Center parking lot on Parcel SP-3, and HP-1(N).
- g. Park features listed herein are based on an initial program phase of work, and may be subject to change in response to community input and/or budget constraints.

h. Tasks.

i. Task 3.1: Sweetwater Park – Data Gathering and Analysis

The Design Professional shall perform the following tasks prior to Community Outreach Series 1:

1. Kickoff meeting with District / City of Chula Vista (City) staff (M-1)
2. Team site investigation
3. Review goals and update projected milestone dates
4. Collect and review previous studies and relevant documents
5. Compile list of missing information or data
6. Review history and evolution of waterfront
7. Review utilities base map to determine constrained areas
8. Site analysis (solar, views, wind, rain and microclimate)
9. Assess sea level rise impacts and adaptation options – goals and early decisions
10. Urban context analysis and City considerations
11. Complete site conditions review and consider elements that have remaining useful life
12. Consolidate information on adjacent projects
13. Present site analysis and context to District / City (M-2)
14. Prepare summary of District planning and design requirements
15. Update the previously prepared cost studies, phasing options and diagrammatic site plan
16. Present updated concepts to District / City (M-3)

Deliverables:

- Matrix summarizing District design and planning requirements
- Site analysis, conditions and context diagrams
- Opportunities and constraints map
- Updated conceptual diagram based on new budget
- Presentation materials for concept adjustments

- Detailed project schedule for Schematic Design showing key meetings and milestone submissions, and outline schedule for subsequent phases of design, documentation and implementation

ii. **Task 3.2: Sweetwater Park – 50% Schematic Design**

The Design Professional shall perform the following tasks prior to Community Outreach Series 2:

1. Assemble base plan and distribute to design team
2. Full team review of goals, program assumptions, cost assumptions and phase delivery
3. Define major spaces and features with diagrams, sketches, photos and precedent images
4. Set adjacency relationships of views, function and connections
5. Develop initial grading, drainage and stormwater quality concepts, including adaptation strategies for sea level rise
6. Meet with District / City for initial diagram review (M-10)
7. Meet with RIDA on adjacency diagrams and concerns (M-11)
8. Meet with SUN on adjacency diagrams and concerns (M-12)
9. Establish park and buffer habitat and site sustainability goals
10. Prepare architectural program for up to two (2) restroom buildings and two (2) kiosks / shelters
11. Prepare architectural program for one growing grounds / nature nursery / interpretive meeting open air structure
12. Architectural basis of design / themes, materials and forms
13. Prepare concept for interpretive educational program
14. Develop landscape architecture basis of design / sample themes, materials and forms
15. Conduct presentation of architectural and landscape concepts (M-13)
16. Establish pedestrian circulation hierarchy
17. Establish bike paths, routes, types and connections
18. Establish vehicular access, parking and service access
19. Prepare streetscape character studies and sketches
20. Prepare park feature character studies and sketches
21. Prepare buffer character studies and sketches
22. Develop two to three schematic design alternatives for park and buffer with relative costs
23. Develop initial phasing alternatives
24. Presentation of two to three schematic design alternatives with District / City (M-14)
25. Presentation of draft schematics to District / RIDA (M-15)

26. Presentation of draft schematics to District / SUN (M-16)
27. Integrate preferred design elements and features into a preferred schematic design plan
28. Refine preferred design plans, sections and 3D sketches
29. Develop 50% cost estimates for preferred alternative and Phase 1A
30. Presentation of 50% schematic design to District / City (M-17)
31. Presentation of 50% schematic design to SUN / RIDA (M-18)
32. Presentation of 50% schematic design to District Accessibility Advisory Committee (AAC) (M-19)

Deliverables:

- Character studies and sketches of two (2) to three (3) schematic design alternatives
- Illustrative site plans for two (2) to three (3) schematic design alternatives
- Up to six (6) 50% schematic design illustrative renderings (two (2) prepared for each alternative)
- 50% schematic design CAD drawings – six (6) hardcopies with CAD and PDF files
- 50% schematic design cost estimate for preferred schematic design alternative and Phase 1A
- 50% schematic 3D model for preferred schematic design alternative with fly-through, and for Phase 1A
- Ten (10) 50% schematic 3D model renderings

iii. Task 3.3: Sweetwater Park – 100% Schematic Design

The Design Professional shall perform the following tasks 1-29 to prepare for Community Outreach Series 3. Tasks 30-34 shall be completed after Community Outreach Series 3:

1. Task group kickoff meeting with District / City (M-25)
2. Prepare design refinements for special features
3. Prepare architectural plans for up to two (2) restroom bldgs.
4. Prepare architectural plans for two (2) interpretive kiosks
5. Prepare architectural program for one growing grounds / nature nursery / interpretive meeting open air structure
6. Review architectural plans with District / City (M-26)
7. Prepare schematic planting plans
8. Prepare schematic fencing plans for buffer
9. Refine schematic trails plans
10. Refine interpretive elements

11. Prepare schematic adventure playground plans
12. Prepare schematic plans for Living Coast Discovery Center plaza
13. Prepare schematic plans for parking lots
14. Prepare schematic plans for passive picnic areas
15. Update 3D SketchUp model for presentation materials
16. Review park illustrative plans, renderings and model with District / City (M-27)
17. Define paving, planting and furnishing systems
18. Refine landform grading
19. Define sitewide lighting character and primary lighting types (with the understanding that Sweetwater will not be lighted beyond safety and design feature lighting)
20. Refine park design and character to create final schematics
21. Assess utility and infrastructure required for park and buildings
22. Assess proposed shoreline modifications and amenities
23. Refine stormwater strategies including initial size and locations
24. Prepare preliminary drainage plan and draft Storm Water Quality Management Plan
25. Develop initial phasing alternatives
26. Prepare 100% Schematic Design cost estimates for the ultimate design and for a preferred Phase 1A design
27. Presentation of the 100% schematic design to District / City (M-28)
28. Presentation of the 100% schematic design to SUN / RIDA (M-29)
29. Presentation of the 100% schematic design to AAC (M-30)
30. Revise plans based on Workshop Series 3 input summary
31. Provide project description and plans for CEQA review
32. Assist District in preparation of CDP application and documentation, including matrices describing consistency with Development Policies, Mitigation, Monitoring and Reporting Plan (MMRP), Public Access Plan and Natural Resource Management Plan (NRMP)
33. District review meeting prior to Coastal Commission (M-36)
34. Review meeting with Coastal Commission (M-37)

Deliverables:

- Updated illustrative plan
- Final 3D Schematic Design models (ultimate and Phase 1A) - SketchUp
- 100% Schematic Design CAD drawings – six (6) hardcopies with CAD and PDF files.

- Four (4) final schematic design illustrative renderings, including one (1) aerial perspective
- Preliminary drainage plan and draft Storm Water Quality Management Plan – three (3) hardcopies and PDF files
- Supporting project description and plans for CEQA documentation – MS Word and PDF files
- Supporting Coastal Development Permit application documentation, including consistency review matrices – MS Word, MS Excel and PDF files
- 100% Schematic Design cost estimates for ultimate design and Phase 1A

iv. **Task 3.4: Sweetwater Park – Community Outreach**

The District and its public relations consultant will: (1) assist with messaging and collateral development; (2) provide logistics (room arrangements, set-up, light refreshments); and (3) promote all public meetings. The Design Professional shall perform the following tasks:

1. Assist District and District's public relations consultant to prepare outreach plan including strategy and schedule
2. Meeting with District / City to review outreach plan (M-4)
3. Prepare materials and coordination for Workshop Series 1
4. Meet with District / City to review workshop materials (M-5)
5. Conduct and document Workshop 1 for the general public (M-6)
6. Conduct and document Workshop 1 for the Wildlife Advisory Group (WAG) (M-7)
7. Conduct and document Workshop 1 for Bayfront Cultural and Design Committee (BCDC) (M-8)
8. Present Workshop Series 1 results for District / City (M-9)
9. Prepare materials and coordination for Workshop Series 2
10. Meet with District / City to review workshop materials (M-20)
11. Conduct and document Workshop 2 for general public (M-21)
12. Conduct and document Workshop 2 for the WAG (M-22)
13. Conduct and document Workshop 2 for BCDC (M-23)
14. Present Workshop Series 2 results for District / City (M-24)
15. Prepare materials and coordination for Workshop Series 3
16. Meet with District / City to review workshop materials (M-31)
17. Conduct and document Workshop 3 for the general public (M-32)
18. Conduct and document Workshop 3 for the WAG (M-33)
19. Conduct and document Workshop 3 for BCDC (M-34)
20. Present Workshop Series 3 results for District / City (M-35)

Deliverables:

- Workshop presentations Series 1-3 (PowerPoint and pdf)
- Workshop presentation boards
- Workshop meeting minutes and survey summaries

4. HARBOR PARK SCHEMATIC DESIGN

- a. The intent of this amendment is to provide public outreach and advance the design of Harbor Park to provide a basis for CEQA review and Coastal Development Permit. The District and Consultant may agree to further amend the agreement in the future to include additional design development, construction document preparation, bidding assistance, construction support services and post-construction services.
- b. Design Professional shall provide project management that will include management of project scope, budget and schedule, coordination with the District, coordination with other agencies having jurisdiction over aspects of the project, coordination with stakeholders and consultants involved with adjacent properties, subconsultants (including those hired by the District), quality assurance and quality control (QA/QC), and attendance or telephone/internet conferencing at bi-weekly team meetings.
- c. All work shall be in conformance with the Port Master Plan (PMP), the Chula Vista Bayfront (CVB) Development Policies and Public Access Program, the Natural Resource Management Plan (NRMP), the CVB Design Guidelines, and the Mitigation, Monitoring and Reporting Program (MMRP). During the course of work, the Design Professional shall notify the District of any variances identified from these policy documents.
- d. Schematic Plans shall include but are not limited to the following:
 - i. Dimensional site plans drawn to scale showing all significant improvements planned to be constructed on the park site, including buildings, vehicle and pedestrian circulation, surface parking areas, outdoor improvements including hardscape and furniture, public access and amenities.
 - ii. Site plans shall include the location of all existing and proposed easements, location of all existing and proposed utilities, site drainage and stormwater plans, schematic level site grading plan, grade elevations of all structures and proposed site work.

- iii. Schematic floor plans and elevations of all structures.
 - iv. Exterior lighting plan (building and site) indicating required shielding.
 - v. Exterior public wayfinding signage locations.
 - vi. Landscape and fencing development plans with plant material lists and estimated mature heights.
 - vii. A summary of proposed sustainable materials and energy conservation systems.
 - viii. A written description of improvements with supporting notes on the site plans.
 - ix. A description of general methods of construction (typical equipment and estimated truck trips) and likely sequencing.
 - x. A general description of exterior color schemes along with building and site materials.
 - xi. Civil plans including preliminary grading and drainage plans.
- e. The designation “(M-x)” listed in the tasks below identifies specific meetings in the general sequence that they are to be conducted. The Design Professional shall prepare agendas, presentation materials and meeting minutes. The District will schedule meetings and make room arrangements in cooperation with the Design Professional. It is assumed that Sweetwater Park and Harbor Park meetings will be concurrent.
- f. This Scope of Services for Harbor Park encompasses Parcels HP-1(S), H-8 and HP-3A. Design Professional shall give consideration to HP-28, the H Street Pier, although it would be included in a future project.
- g. Design Professional shall develop diagrams, sketches and 3D model of possible initial Phase 1A park improvements in parallel to ultimate park design. Schematic Plans, as well as documentation supporting CEQA review and Coastal Development Permitting, shall be for the ultimate park design only.

- h. Park features listed herein are based on initial program phase of work, and may be subject to change in response to community input and budget constraints.
- i. The design of Harbor Park shall be led by Petersen Studio, under the direction of Principal Jacob Petersen. As prime Design Professional, overall project management, including scope, schedule and budget administration and QC review shall be provided by KTU+A. Additionally KTU+A and Petersen Studio shall jointly lead meetings and outreach efforts.

j. **Tasks.**

i. **Task 4.1: Harbor Park – Data Gathering and Analysis**

The Design Professional shall perform the following tasks prior to Community Outreach Series 1:

1. Kickoff meeting with District / City of Chula Vista (City) staff (M-1)
2. Team site investigation
3. Review goals and update projected milestone dates
4. Collect and review previous studies and relevant documents
5. Compile list of missing information or data
6. Review history and evolution of waterfront
7. Review utilities base map to determine constrained areas
8. Site analysis (solar, views, wind, rain and microclimate)
9. Assess sea level rise impacts and adaptation options – goals and early decisions
10. Urban context analysis and City considerations
11. Complete site conditions review and consider elements that have remaining useful life
12. Consolidate information on adjacent projects
13. Present site analysis and context to District / City (M-2)
14. Prepare summary of District planning and design requirements
15. Present implications of construction budget on project cost and phasing
16. Present updated goals and large park design/program precedents to District / City (M-3)

Deliverables:

- Matrix summarizing District design and planning requirements
- Site analysis, conditions and context diagrams
- Opportunities and constraints diagrams

- Detailed project schedule for Schematic Design showing key meetings and milestone submissions, and outline schedule for subsequent phases of design, documentation and implementation
- ii. **Task 4.2: Harbor Park – 50% Schematic Design**
- The Design Professional shall perform the following tasks prior to Community Outreach Series 2:
1. Assemble base plan and distribute to design team
 2. Full team review of goals, program assumptions, cost assumptions and phased delivery
 3. Define major spaces and features with diagrams, sketches, photos and precedent images
 4. Clarify adjacency goals and relationships with Resort Hotel and Convention Center (RHCC), Marine Group Boat Works, Chula Vista Marina, and Sweetwater Park
 5. Develop initial grading, drainage and stormwater quality concepts, including adaptation strategies for sea level rise
 6. Meet with District / City for initial diagram review (M-10)
 7. Meet with RIDA on adjacency diagrams and concerns (M-11)
 8. Meet with SUN on adjacency diagrams and concerns (M-12)
 9. Establish park habitat and site sustainability goals
 10. Prepare architectural program for shade structures and two (2) restroom buildings
 11. Prepare architectural program for outdoor special event venue
 12. Prepare architectural program for café/concession/boat rental building
 13. Architectural basis of design / themes, materials and forms
 14. Prepare concept for interpretive educational program
 15. Prepare public art goals, opportunities and precedents
 16. Develop landscape architecture basis of design / sample themes, materials and forms
 17. Conduct presentation of architectural and landscape concepts (M-13)
 18. Establish pedestrian circulation hierarchy
 19. Establish bike paths, routes, types and connections
 20. Establish vehicular access, parking and service access
 21. Address streetscape character along park edges
 22. Prepare park entry gateway character studies and sketches
 23. Prepare park feature character studies and sketches

24. Develop three schematic design alternatives for park with relative costs
25. Develop initial phasing alternatives
26. Presentation of three schematic design alternatives to District / City (M-14)
27. Presentation of draft schematics to District / RIDA (M-15)
28. Presentation of draft schematics to District / SUN (M-16)
29. Integrate preferred design elements and features into a schematic design plan
30. Refine preferred design plans, sections and 3D sketches
31. Develop 50% cost estimates for preferred alternative and Phase 1A
32. Presentation of 50% schematic design to District / City (M-17)
33. Presentation of 50% schematic design to SUN / RIDA (M-18)
34. Presentation of 50% schematic design to District Accessibility Advisory Committee (AAC) (M-19)

Deliverables:

- Program diagrams and plans of three (3) schematic design alternatives
- Character studies and 3D sketches of three (3) schematic design alternatives
- Illustrative site plans for preferred schematic design alternative
- Three (3) illustrative site sections for preferred schematic design alternative
- Three (3) draft illustrative renderings of preferred schematic design alternative, including one (1) aerial perspective
- 50% schematic design CAD drawings – six (6) hardcopies with CAD and PDF files
- 50% schematic design cost estimates for preferred schematic design alternative and Phase 1A
- 50% schematic 3D model for preferred schematic design alternative and for potential Phase 1A – SketchUp
- Ten (10) non-rendered 50% schematic 3D model views of preferred schematic design alternative and potential Phase 1A showing general program scale and materiality

iii. Task 4.3: Harbor Park – 100% Schematic Design

The Design Professional shall perform the following tasks 1-25 to prepare for Community Outreach Series 3. Tasks 26-35 shall be completed after Community Outreach Series 3:

1. Task group kickoff meeting with District / City (M-25)
2. Prepare design refinements for special features
3. Prepare architectural plans for shade structures and two (2) restroom buildings
4. Prepare architectural plans for outdoor special event venue
5. Prepare architectural plans for café/concession/boat rental building
6. Review architectural plans with District / City (M-26)
7. Prepare schematic planting plans
8. Prepare schematic plans for pier plaza and iconic gateway
9. Prepare schematic plans for promenade design treatments
10. Prepare schematic plans for shoreline modifications and amenities, including shoreline protection
11. Prepare schematic plans for public beach
12. Prepare schematic plans for beach rental area
13. Prepare schematic plans for parking lots
14. Prepare schematic plans for passive park and picnic areas
15. Prepare schematic design for children's play area(s)
16. Prepare schematic plans for other features, including interactive water feature if applicable
17. Update 3D SketchUp models for presentation materials
18. Review park illustrative plans, renderings and model with District / City (M-27)
19. Define paving, planting and furnishing systems
20. Prepare schematic plans for grading, drainage and stormwater quality
21. Refine adaptation strategies and essential structures for sea level rise
22. Define sitewide lighting character and primary lighting types
23. Refine park design and character to create final schematics
24. Identify utility and infrastructure required for park and buildings
25. Prepare draft Storm Water Quality Management Plan
26. Refine phasing strategy
27. Prepare 100% Schematic Design cost estimate for the ultimate design and for a preferred Phase 1A design
28. Presentation of the 100% schematic design to District / City (M-28)
29. Presentation of the 100% schematic design to SUN / RIDA (M-29)
30. Presentation of the 100% schematic design to AAC (M-30)
31. Revise plans based on Workshop Series 3 input summary
32. Provide project description and plans for CEQA review

33. Assist District in preparation of CDP application and documentation, including matrices describing consistency with Development Policies, Mitigation, Monitoring and Reporting Plan (MMRP), Public Access Plan and Natural Resource Management Plan (NRMP)
34. District review meeting prior to Coastal Commission (M-36)
35. Review meeting with Coastal Commission (M-37)

Deliverables:

- Updated illustrative plan
- Final Schematic Design models (ultimate and Phase 1A) – SketchUp
- Five (5) final schematic design illustrative renderings, including one (1) aerial perspective
- 100% Schematic Design CAD drawings – six (6) hardcopies with CAD and PDF files.
- Draft Storm Water Quality Management Plan – three (3) hardcopies and PDF
- Supporting project description and plans for CEQA documentation – MS Word and PDF files
- Supporting Coastal Development Permit application documentation, including consistency review matrices – MS Word, MS Excel and PDF files
- 100% Schematic Design cost estimates for ultimate design and Phase 1A

iv. **Task 4.4: Harbor Park – Community Outreach**

The District and its public relations consultant will: (1) assist with messaging and collateral development; (2) provide logistics (room arrangements, set-up, light refreshments); and (3) promote all public meetings. The Design Professional shall perform the following tasks:

1. Assist District and District's public relations consultant to prepare outreach plan including strategy and schedule
2. Meeting with District / City to review outreach plan (M-4)
3. Prepare materials and coordination for Workshop Series 1
4. Meet with District / City to review workshop materials (M-5)
5. Conduct and document Workshop 1 for the general public (M-6)
6. Conduct and document Workshop 1 for the Wildlife Advisory Group (WAG) (M-7)

7. Conduct and document Workshop 1 for Bayfront Cultural and Design Committee (BCDC) (M-8)
8. Present Workshop Series 1 results for District / City (M-9)
9. Prepare materials and coordination for Workshop Series 2
10. Meet with District / City to review workshop materials (M-20)
11. Conduct and document Workshop 2 for general public (M-21)
12. Conduct and document Workshop 2 for the WAG (M-22)
13. Conduct and document Workshop 2 for BCDC (M-23)
14. Present Workshop Series 2 results for District / City (M-24)
15. Prepare materials and coordination for Workshop Series 3
16. Meet with District / City to review workshop materials (M-31)
17. Conduct and document Workshop 3 for the general public (M-32)
18. Conduct and document Workshop 3 for the WAG (M-33)
19. Conduct and document Workshop 3 for BCDC (M-34)
20. Present Workshop Series 3 results for District / City (M-35)

Deliverables:

- Workshop presentations Series 1-3 (PowerPoint and PDF)
- Workshop presentation boards
- Workshop meeting minutes and survey summaries

5. SUPPLEMENTAL SERVICES FOR SCHEMATIC DESIGN

- a. The intent of this amendment is to provide supplemental technical studies and support services for the Schematic Design of Sweetwater and Harbor Parks.

- b. **Tasks.**

- i. **Task 5.1: Travel and Reproduction**

Travel for out-of-town Sub-Contractors except Petersen Studio must be approved in advance by the District to be eligible for reimbursement. Petersen Studio is pre-approved for a maximum of 20 person-trips and these trips may be scheduled at the discretion of Petersen Studio to best serve the needs of the project. Travel expenses for the lowest cost-effective airfare, ground transportation, lodging and meals will be reimbursed at actual costs (receipts required). Total cumulative invoicing for travel shall not exceed \$19,200.

Large batch reproduction and/or out-of-house printing for meetings, presentations or submittals for the District may be invoiced at cost. Total cumulative invoicing for printing and reproduction shall not exceed \$2,100.

ii. Task 5.2: Topographic and Utility Survey

The Design Professional shall provide aerial topography survey and sub-surface utility survey for Sweetwater and Harbor Parks as follows:

1. Project management and scheduling
2. Boundary site survey and plotting of easements
3. Clarify and coordinate datums
4. Aerial photography and topographic survey with public and private utilities
5. Perform sub-surface utility survey
6. Research public utility drawings and request franchise utility maps
7. Obtain other site utility records, if available from Port and City
8. Field surveying services for aerial survey control with invert elevations
9. Office services to prepare site survey, including aerial topographic survey

Deliverables:

- Aerial topographic and subsurface utility survey
- Aerial photography products (including digital CAD compatible and geographically referenced for an approved datum and standard)

iii. Task 5.3: Geotechnical Investigation

The Design Professional shall perform the following tasks:

1. Project management and scheduling
2. Review geologic maps and other literature to evaluate geo-hazards
3. Mark-out boring locations
4. Obtain Underground Service Alert mark-outs
5. Drill Six (6) small diameter borings to 5-foot depth for parking lots
6. Drill eight (8) borings to 5-foot depth & infiltration testing for stormwater sites
7. Drill eight (8) borings to 5-foot depth for paved trails
8. Drill eight (8) borings to 50-foot depth for buildings, stages or coastal structures
9. Perform laboratory tests on selected soil samples

10. Determine likely acceptability of soil excavated from channel extension and lagoon for reuse in Chula Vista Bayfront.
11. Draft recommendations for trails, stormwater, soil reuse, structures and building pads
12. Prepare written report presenting geotechnical findings and recommendations

Deliverables:

- Draft and Final Geotechnical Investigation Report & Recommendations – six (6) hardcopies and PDF file

iv. Task 5.4: Biological Mapping and Mitigation Plan

The Design Professional shall perform the following tasks:

1. Project management and scheduling
2. Compile previous biological mapping
3. Complete surveys for species including: Belding's Savannah Sparrow (BSSP); raptor surveys for Burrowing Owls (BUOW); California Gnatcatcher (CAGN); and other site specific rare plants.
4. Based on new aerial mapping, update habitat mapping and disturbance levels
5. Meet with District / City staff to review initial findings
6. Rank viability of habitat enhancement based on site conditions
7. Determine areas where habitat loss could be accommodated
8. Determine replacement ratios of habitat loss
9. Recommend habitat mitigation areas
10. Estimate costs of implementing habitat mitigation areas
11. Prepare Draft and Final Biological Mapping Report

Deliverables:

- Draft and Final Biological Mapping Report – six (6) hardcopies and PDF file
- GIS files

v. Task 5.5: Sea Level Rise and Coastal Protection for Sweetwater and Harbor Parks

The Design Professional shall perform the following tasks:

1. Project management and scheduling
2. Prepare Sea Level Rise Vulnerability and Adaptation Study for Sweetwater and Harbor Parks in conformance with Coastal Commission Guidance

3. Review Restoration and Enhancement Alternatives for the Chula Vista Bayfront
4. Develop site plans for alternative extensions of channel for Sweetwater Park
5. Review sea level rise inundation for channel alternatives
6. Determine coastal adaptation strategy alternatives and estimate maintenance costs in Sweetwater
7. Determine optimal cut/fill for landform and, in coordination with the District, where export from channel and lagoon would be placed, depending on geotechnical suitability
8. Develop cost estimates of two (2) alternatives
9. Evaluate alternatives and make recommendation for alternative that best meets objectives
10. Meet with District / City to present findings
11. Prepare Draft and Final Feasibility Report for Channel Improvements

Deliverables:

- Draft and Final Sea Level Rise Vulnerability and Adaptation Study - six (6) hardcopies and PDF file
- Draft and Final Feasibility Report for Channel Improvements – six (6) hardcopies and PDF file

vi. Task 5.6: Supplemental Technical Studies

The Design Professional shall provide additional technical studies and support services at the direction of the District Project Manager, as required to support the schematic design of the parks. Any work shall be undertaken only upon issuance of written confirmation of scope and estimated fee by both the District Project Manager and Design Professional.

Deliverables:

- To be identified at the time work is authorized by District Project Manager

6. SWEETWATER BICYCLE PATH & PROMENADE (URBAN GREENING GRANT)

- a. The intent of this amendment is to provide development of construction documents, and bid and construction phase services, in accordance with

the Grant Agreement between the District and the State of California Natural Resources Agency.

- b. Design Professional will provide project management that will include management of project scope, budget and schedule, coordination with the District, coordination with other agencies having jurisdiction over aspects of the project, coordination with stakeholders and consultants involved with adjacent properties, subconsultants (including those hired by the District), quality assurance and quality control (QA/QC), and attendance or telephone/internet conferencing at bi-weekly team meetings.
- c. All work shall be in conformance with the Port Master Plan (PMP), the Chula Vista Bayfront (CVB) Development Policies and Public Access Program, the Natural Resource Management Plan (NRMP), the CVB Design Guidelines, and the Mitigation, Monitoring and Reporting Program (MMRP). During the course of work, the Design Professional shall notify the District of any variances identified from these policy documents.
- d. Assumptions:
 - i. The path around and northeast of the proposed roundabout at E and F Streets will be included in the construction documents and construction of E Street, and therefore is not included in this Scope of Services.
 - ii. The construction documents will be prepared in District standard format for plans and specifications.

e. **Tasks.**

i. **Task 6.1: Promenade – 75% Construction Documents**

The Design Professional shall perform the following tasks:

1. Meeting to review final costs and elements of the Design Development phase (M-1)
2. Incorporate updated base maps from Sweetwater Park - new topography and utility data
3. Adjust layouts as needed based on changed mapping conditions
4. Adjust planting areas and irrigation to maintain budget
5. Adjust amenities along trail to adjust to maintain budget
6. Prepare interpretive panel content and signage system
7. Prepare final mitigation planting areas with agreed ratios
8. Prepare native & non-native plant lists & planting type categories

9. Assist District staff coordinate the pre-final agreements, responses and permits from the Army Corps of Engineers
10. Layout final planting plans with species and sizes
11. Layout irrigation points of connection, potable water lines and metering
12. Layout irrigation distribution systems
13. Finalize bridge calculations for spans
14. Finalize abutment / wingwall support system including details
15. Prepare bridge details
16. Prepare trail profiles and final construction cross sections
17. Prepare stormwater runoff basins, trenches and bio-swales
18. Prepare subsurface drainage (and outfalls if needed)
19. Prepare draft drainage plan
20. Prepare draft Standard Storm Water Quality Management Plan (SWQMP)
21. Prepare draft erosion control plans
22. Finalize material selection
23. Prepare project specifications for all disciplines
24. Prepare 65% cost estimates
25. Create cover layout sheet, notes and detail sheets as needed
26. General project management, coordination and QA/QC
27. Meet with District / City staff to review 75% plan set (M-2)

ii.

Task 6.2: Promenade – 95% Construction Documents

The Design Professional shall perform the following tasks:

1. Prepare responses to comments on 75% submittal
2. Update interpretive panel content and signage system
3. Meet with District / City staff for direction on changes (M-3)
4. Update native & non-native plant lists & planting type categories
5. Update final planting plans with species and sizes
6. Update irrigation points of connection & potable water lines
7. Update layout of irrigation distribution systems
8. Refine project specifications for all disciplines
9. Refine specifications and final details for bridge construction
10. Update trail profiles and final construction cross sections
11. Finalize stormwater runoff basins, trenches and bio-swales
12. Finalize subsurface drainage (and outfalls if needed)
13. Finalize material selection
14. Review geotech recommendations and plans

15. Finalize erosion control plans
16. Update plans and technical reports
17. Prepare 95% cost estimates
18. Update cover layout sheet and detail sheets as needed
19. QA/QC and revisions
20. General project management and coordination
21. Meet with District / City staff to review 95% plan set (M-4)

iii.

Task 6.3: Promenade – Final Construction Documents

The Design Professional shall perform the following tasks:

1. Respond to comments from 95% submittal
2. Update cover sheet
3. Update specifications
4. Final adjustments to plans and details
5. QA/QC and revisions
6. Final cost estimate
7. Assist District staff coordinate the final agreements, responses and permits from the Army Corps of Engineers
8. Meet with District / City for 100% plan review
9. Revisions
10. Meet with District / City for final 100% plan review
11. Final revisions
12. General project management & coordination

iv. **Task 6.4: Promenade – Bid and Construction Phase Support**

The Design Professional shall perform the following tasks:

1. Assist District with final bid instructions and performance requirements
2. Answer pre-bid questions
3. Make any required plan adjustments
4. Answer RFIs
5. Approve material choices
6. Review shop drawings
7. Periodic site visits as requested by District
8. Site visit with punch list
9. Final site inspection

- 6 **ATTACHMENT B, COMPENSATION & INVOICING**, Section 1.a. (2) Fee Schedule Task Breakdown shall be replaced by the following:

Task	Description		Current Contract Amount (Not-to-Exceed)	Additional Amount (Not-to-Exceed)	New Contract Amount (Not-to-Exceed)
1.1	Advance Park Framework	T&M	\$41,300	-	\$41,300
1.2	Coordination with Streetscape	T&M	\$10,500	-	\$10,500
1.3	Pedestrian and Bicycle Circulation	T&M	\$9,500	-	\$9,500
1.4	Coordination with Related Projects	T&M	\$20,500	-	\$20,500
1.5	Facilitate Project Team Communications	T&M	\$8,000	-	\$8,000
1.6	Presentations and Meetings	T&M	\$9,500	-	\$9,500
1.7	Reimbursable Expenses	T&M	\$700	-	\$700
2.1	Sweetwater Path and Park Integration (Urban Greening Grant)	T&M	\$86,000	-	\$86,000
2.2	Sweetwater Path Bridge and Channel Stabilization (Urban Greening Grant)	T&M	\$80,200	-	\$80,200
2.3	Wayfinding Framework	T&M	\$66,600	-	\$66,600
2.4	Parkway and Streetscape Design Elements	T&M	\$43,600	-	\$43,600
2.5	Presentations and Meetings	T&M	\$23,600	-	\$23,600
3.1	Sweetwater Park – Data Gathering and Analysis	Fixed Fee	-	\$ 14,970	\$ 14,970
3.2	Sweetwater Park – 50% Schematic Design	Fixed Fee	-	\$ 86,250	\$ 86,250
3.3	Sweetwater Park – 100% Schematic Design	Fixed Fee	-	\$ 106,050	\$ 106,050
3.4	Sweetwater Park – Community Outreach	Fixed Fee	-	\$ 22,220	\$ 22,220
4.1	Harbor Park – Data Gathering and Analysis	Fixed Fee	-	\$ 86,290	\$ 86,290

Task	Description		Current Contract Amount (Not-to-Exceed)	Additional Amount (Not-to-Exceed)	New Contract Amount (Not-to-Exceed)
4.2	Harbor Park – 50% Schematic Design	Fixed Fee	-	\$ 372,885	\$ 372,885
4.3	Harbor Park – 100% Schematic Design	Fixed Fee	-	\$ 431,120	\$ 431,120
4.4	Harbor Park – Community Outreach	Fixed Fee	-	\$ 59,705	\$ 59,705
5.1	Travel and Reproduction	T&M	-	\$ 21,300	\$ 21,300
5.2	Topography and Utility Survey	Fixed Fee	-	\$ 26,400	\$ 26,400
5.3	Geotechnical Investigation	Fixed Fee	-	\$ 45,930	\$ 45,930
5.4	Biologic Mapping and Mitigation Plan	Fixed Fee	-	\$ 38,980	\$ 38,980
5.5	Sea Level Rise and Coastal Protection	Fixed Fee	-	\$ 68,170	\$ 68,170
5.6	Supplemental Technical Studies	T&M	-	\$ 35,000	\$ 35,000
6.1	Promenade – 60% Construction Documents (Urban Greening Grant)	Fixed Fee	-	\$ 134,340	\$ 134,340
6.2	Promenade – 95% Construction Documents (Urban Greening Grant)	Fixed Fee	-	\$ 60,850	\$ 60,850
6.3	Promenade – Final Construction Documents (Urban Greening Grant)	Fixed Fee	-	\$ 30,000	\$ 30,000
6.4	Promenade – Bid and Construction Phase Support (Urban Greening Grant)	T&M	-	\$ 36,000	\$ 36,000
	Total Amounts		\$400,000	\$1,676,460	\$2,076,460

7. All other terms, covenants, and conditions in the original Agreement shall remain in full force and effect and shall be applicable to this Amendment.

SAN DIEGO UNIFIED PORT DISTRICT

KTU&A

Ernesto Medina
Chief Engineer



Kurt Carlson
Senior Principal

Approved as to form and legality:
GENERAL COUNSEL

By: Assistant/Deputy

A manually signed copy of this Amendment transmitted by email or any other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Amendment.