CITY OF Goodyear	**Contract Amendment** **No. 3** **Contract Number: CON-17-3833-A3**	**Office of Procurement** 190 N. Litchfield Road P.O. Box 5100 Goodyear, AZ 85338 Phone: 623-882-7845

PARK SITE MASTER PLANNING SERVICES

CONTRACT EXTENSION

Pursuant to Section 11, General Provision, Item 11.1 Modification and Item 11.21 Modification or Waiver the Agreement, CON-17-3833 is hereby mutually revised to reflect the following addition:

ADD:

Design Services — Amount: $2,365,335

The city of Goodyear has negotiated the attached Design Services, (Exhibit A), and Fee Summary, to include the design of the following areas:

1. Recreation Campus Aquatics Facility;
2. Recreation Campus Recreation Facility;
3. Recreation Campus 30-acre Park;
4. 86-acre Recreation Campus Harrison Street;
5. 86-acre Recreation Campus Estrella Parkway;
6. 86-acre Recreation Campus RID Relocation.

No other terms, conditions, or performance standards written or implied are changed.

Procurement Officer: Victoria Jackson, CPPB

KHAMT
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City of Goodyear	**Kimley Horn**
By: _____	By: _____ 2018-0907
Jacque Behrens, CPPB — Date	Signature — Date
Title: Procurement Manager	DAVID J LEISTIKO / SRVP
	Typed Name and Title
Attested By:	**Approved as to Form By:**
_____	_____
Darcie McCracken, City Clerk	Roric Massey, City Attorney

EXHIBIT A

City of Goodyear
RFP No. 17-3833

RECREATION CAMPUS – PHASE 1

FINAL DESIGN
SCOPE OF WORK

September 5, 2018

Prepared for: City of Goodyear

Prepared by:

Kimley»Horn
Expect More. Experience Better.

7740 North 16th Street, Suite 300
Phoenix, Arizona 85020
(602) 944-5500 | Tel
(602) 944-7423 | Fax

SUMMARY OF TASKS

The City of Goodyear Recreation Campus project has the following six projects associated as defined by the City of Goodyear Capital Improvement Project (CIP) list.

1. Recreation Campus Aquatics Facility
    - 8 Lane Lap Pool – 25 Yards
    - Activity Pool
    - Lazy River
    - Water Slide
    - Ramada Areas
    - Storage Areas
    - Lifeguard Office

2. Recreation Campus Recreation Facility
    - Multi-purpose classroom spaces
    - Gymnasium
    - Locker Rooms with Restroom Facilities
    - Indoor, Elevated Walking Track
    - Administration Office
    - Teen Breakout Area
    - Utility Rooms
    - Storage Rooms

3. Recreation Campus 30 Acre Park
    - Multi-Use Plaza
    - Walking and Running Multi-Use Pathways
    - Hardscape pavements and parking
    - Stage / Performance Area
    - Baseball Fields (2)
    - Multi-Purpose Rectangular Turf Fields (2)
    - Playground Area
    - Group Ramada area with BBQ and Sinks
    - Tennis Courts
    - Pickleball Courts
    - Basketball Courts
    - Sand Volleyball Courts
    - Maintenance Building (1,200SF w/ 300SF climate controlled and 900 shop setting with EVAP cooling system) and Yard approximately 6,000 SF.

4. 86 Acre Recreation Campus Harrison Street
    - Half Street Roadway Improvements
    - Water Main – 8-inch potable water line
    - Sanitary Sewer Main Line – 8 -inch
    - Offsite Street Lighting
    - Traffic Signal installation at Harrison Street and Estrella Blvd
    - Harrison Street and Estrella Blvd intersection ADA Ramps / Sidewalk Improvements
    - Sidewalk and Driveway improvements
    - Utility infrastructure to support Recreation Center Building, Aquatics Facility and Park

5. 86 Acre Recreation Campus Estrella Parkway
    - Half Street Roadway Improvements – Third through Lane southbound with bicycle lane and west bound right turn lane at the intersection of Goodyear Blvd North.
    - Sanitary Sewer Main Line – 12-inch and 8-inch main line improvements
    - Utility infrastructure to support Recreation Center Building, Aquatics Facility and Park

- Traffic Signal installation at Harrison Street and Estrella Blvd
- Harrison Street and Estrella Blvd intersection ADA Ramps / Sidewalk Improvements
- Sidewalk and Driveway improvements
- Traffic Signal re-location for Goodyear Blvd North and Estrella Parkway

6. 86 Acre Recreation Campus RID Relocation
    - RID Irrigation Improvements (design to be completed by Stantec). Relocation of existing irrigation canal and tailwater channel through the 86 Acre project area from Harrison Street to Estrella Parkway

The City has identified the following two tasks: Design and Construction Documentation within this phase of the overall project scope of work from the RFP 17-3833.

Construction Documents for the following CIP Projects

1. Recreation Campus Aquatics Facility
2. Recreation Campus Recreation Facility
3. Recreation Campus 30 Acre Park
4. 86 Acre Recreation Campus Harrison Street
5. 86 Acre Recreation Campus Estrella Parkway

6. The Consultant shall provide design coordination with Stantec (RID Design Engineer Consultant) for the 86 Acre Recreation Campus RID relocation. Construction documents to be completed for RID by Stantec.

The following project submittals have been identified with this scope of work for the Recreation Campus project:

- Site Plan Approval
- Re-zoning Approval
- Schematic Design -30% Plans
- Design Development – 60% Plans
- Construction Documents – 100% Plans
- Final Construction Documents – Permit Plans

Submittals shall include City of Goodyear Building Safety and Civil Plan for review and permit. The City of Goodyear Building Safety and Civil permit shall require separate plan sets. The design team shall work with the City to acquire the required City permits.

It is anticipated that the six projects will utilize separate submittals for the offsite improvements to help expedite the project schedule and construction timeline as the City has selected and engaged a Construction Manager at Risk (CMAR).

The following document provides the Recreation Campus Phase 1 Final Design project scope of work which includes the previously identified six CIP projects.

TASK 1.0 PROJECT INITIATION / MEETINGS

TASK 1.1 PROJECT KICK-OFF MEETING

The Consultant shall facilitate a project kick-off meeting at the City of Goodyear with City stakeholders to discuss project schedule, design intent, budget and deliverables. The City shall provide direction on key design intent and site constraints, issues prior to starting the final design process.

Stakeholder Identification:

The consultant design team will work with the City to identify key stakeholders that will be involved in the recreation campus final design development process.

Initial Project Stakeholder List to include, but not limited to:

- City of Goodyear Community
- City of Goodyear Parks and Recreation
- City of Goodyear Parks & Recreation Advisory Committee
- City of Goodyear Council
- City of Goodyear Planning and Zoning
- City of Goodyear Development Services
- City of Goodyear Engineering
- Basis Charter School
- Desert Edge High School
- Wildflower Neighborhood
- Roosevelt Irrigation District
- Utility Agencies (Cox, Century Link, Arizona Public Service (APS), Southwest Gas, City of Goodyear – Water, Sanitary Sewer, Reclaimed Water, Traffic & Stormwater)

Project Schedule

The consultant design team will clarify any assumptions with City of Goodyear to develop the overall baseline project schedule. The Consultant will present the project schedule based on this identified scope of work for the City of Goodyear Recreation Campus Phase 1 Final Design to achieve project goals and objectives and to deliver the project. The outlined process should be organized and mapped to show the relationship between tasks to allow effective and timely planning of tasks, and designate key project milestones and deliverable dates for each phase. The level of involvement and roles for each task and phase will also be identified. The important milestone dates will be proposed by the Consultant and refined and approved by City of Goodyear.

Communication Protocol

The project lines of communication will be established between the consultant design team, City of Goodyear, and others as necessary. The Consultant point of contact will be Sean Wozny, Kimley-Horn Project Manager. Communications to the design team will copy the design core team of Sean Wozny, Jeff Kratzke, and Marissa Pellegrini, Kimley-Horn, (KHA); and Michael Braun, and (DWL). Design team communication to discipline team members and subconsultants will be distributed by Sean Wozny.

Project Involvement Matrix

The consultant design team will compile a listing of contact information containing phone numbers and email addresses, and agency/firm and role on project. This contact list will be the project involvement matrix and will include the entire project team including the design team and City staff as well as key stakeholders and additional agencies.

Required Staff

1. **Consultant:** Sean Wozny, Jeff Kratzke, Marissa Pellegrini, Kim Carroll, Robert Lyons, Kimley-Horn; Michael Braun (DWL) & Michael Hauer (DWL). Participants may utilize Skype to teleconference in for the meeting.

Deliverables

1. Meeting agenda
2. Powerpoint presentation
3. Initial Project Design Schedule for review and input from the City of Goodyear
4. Stakeholder Identification Matrix with contact information

TASK 1.2 PROJECT DESIGN MEETINGS (BI-WEEKLY)

The Consultant will hold standing bi-weekly meetings with City of Goodyear Staff and others as necessary to provide project and schedule updates, progress, identify current tasks/action items, and discuss upcoming tasks. The Consultant shall provide agenda and meeting minutes from the meeting for distribution to the project team.

This task includes approximately 22 bi-weekly project meetings over the duration of the project.

Required Staff

1. **Consultant:** Sean Wozny, Jeff Kratzke, Marissa Pellegrini, Kimley-Horn; Michael Braun (DWL) & Michael Hauer (DWL)., Doug Whiteaker, WTI. Participants may utilize Skype to teleconference in for the meeting.

Deliverables

1. Meeting agenda
2. Meeting minutes
3. Updated task/action list
4. Updated project schedule

TASK 1.3 DESIGN CHARRETTE MEETINGS

The consulting team shall conduct project design charrette meetings to engage the City and project team to generate design ideas, material types and move design forward. Design charrette meeting shall include KH, DWL, WTI and Creative Machines.

Required Staff

1. **Consultant:** Sean Wozny, Jeff Kratzke, Marissa Pellegrini, Kimley-Horn; Michael Braun (DWL) & Michael Hauer (DWL). ; Doug Whiteaker, WTI. Participants may utilize Skype to teleconference in for the meeting.

Deliverables

1. Charrette Meeting Agenda
2. Charrette Meeting Minutes

TASK 1.4 UTILITY COORDINATION

This task includes preliminary coordination with utilities to kickoff utility coordination efforts. The purpose of this task is to collect and review utility record drawings; develop a map of existing utilities; establish

expectations of utility agencies for their commitment to the project, and to initiate discussions for required utility services for the park site. These tasks include:

- Collect and review utility record drawings
- Prepare utility map based on record drawings and topographic mapping
- Prepare exhibit to determine location of new utility services
- Prepare, attend, and hold up to four utility coordination meetings with utility companies that have facilities within the project improvement area
- Write and publish meeting notes
- Prepare utility inventory and identify utility conflicts and required services
- Pothole exhibit
- Utility conflict review plan submittals at 30%, 60% 90% and Final with final no conflict clearance letters as required by the City of Goodyear.

RID / Stantec design coordination.

The Consultant shall coordinate through the City of Goodyear with Stantec for the RID improvement design. The Consultant shall provide the City with existing utility pothole information for the RID proposed pipe alignment along with proposed utilities alignments crossing the proposed RID alignment. The consultant shall provide construction documents showing all utility and grading over the RID proposed pipe alignment.

The consultant shall route RID plans through all utility companies with facilities within the project area as part of the utility conflict review submittals.

Deliverables

1. Utility Pothole location map for CMAR to conduct utility location services
2. Exhibit showing locations of new utility services
3. Agenda and notes for utility coordination meeting
4. Utility inventory showing utility conflicts and required services
5. Utility sign off of utilities prior to permit review and approval by City of Goodyear

TASK 1.5 PUBLIC MEETINGS

The Consultant shall attend public project update meeting with the City to provide Parks Board, City Council and perimeter residential HOAs with a project progress update. The following stakeholder groups and anticipated meetings have been included with this task.

Parks and Recreation Advisory Commission (PRAC) – The Consultant will attend up to three Parks and Recreation Advisory Commission (PRAC) meetings to provide a project design update to the Parks and Recreation Advisory Commission.

The Consultant shall attend up to three HOA meetings with the City to provide a project design update

The Consultant shall attend up to two City Council meetings with the City to provide a project design update to Councilmembers.

Required Staff

1. **Consultant:** Sean Wozny, Marissa Pellegrini, Kimley-Horn

Deliverables

1. Meeting Presentation
2. Meeting Summary

TASK 1.6 PROJECT MANAGEMENT

The project manager will provide bi-weekly progress updates to the City of Goodyear project manager. tracking action items and provide project updates. The project manager will coordinate with the design team and sub-consultants to track progress, identify design issues, organize meetings and track project schedule. The project manager will track overall project design budgets and provide project invoice summary updates on a task-by-task basis. The Consultant will be the communication conduit between City and the multidiscipline team members.

The Consultant shall set up a sharepoint site for the project team which shall include the City of Goodyear, design team and the CMAR to provide a singular site to post and download project information. The project team shall utilize the same sharepoint site that was developed for the master plan project.

Required Staff

1. **Consultant:** Sean Wozny, Kimley-Horn

Deliverables

1. Monthly status report with project invoice
2. Weekly project status reports will be generated and distributed to the design team and City of Goodyear.

TASK 2.0 SCHEMATIC DESIGN (30% PLANS)

TASK 2.1 TRAFFIC IMPACT ANALYSIS – PRELIMINARY DRAFT REPORT

Traffic Impact Analysis (TIA)

The purpose of the TIA is to assist with defining the potential impacts from traffic generated by the park and recommend improvements, such as roadway typical section, auxiliary lanes, and storage length requirements, to mitigate the traffic impacts. For the purposes of this TIA scope, it is assumed that weekend analysis is not necessary or included. The scope associated with the TIA includes the following tasks:

Task 1. Data Collection:

a. Kimley-Horn will conduct a field to evaluate existing site conditions and circulation of existing traffic in the vicinity of the site. A detailed field review of site conditions and circulation of adjacent developments (Basis and Desert Edge high School). The Consultant shall document the site visit with photographs and field notes.
b. Kimley-Horn will obtain and review pertinent studies (Basis TIA and Hudson Commons TIA) from the City as available.
c. Kimley-Horn will utilize the approved master site plan with detailed information on the proposed development and access layout to conduct analysis.
d. Kimley-Horn will obtain existing traffic signal phasing and timing for the intersections of Goodyear Boulevard/Estrella Parkway and Van Buren/Estrella Parkway from the City.
e. Kimley-Horn will utilize the existing peak hour traffic data available the City and in the Hudson Comments and Basis TIA for the intersections of 158th Avenue/Van Buren and Estrella Parkway/Van Buren.
f. Kimley-Horn subconsultant (Field Data Services)(FDS) will collecting current peak hour traffic volumes (from7a to 9a and from 2p to 6p) on a typical weekday at the intersections of:
    i. Goodyear Boulevard/Estrella Parkway
    ii. Harrison Street/Estrella Parkway.
g. Kimley-Horn's subconsultant (FDS) will collect bi-direction daily traffic volumes at the following locations:
    i. 158th Avenue north of Harrison Street
    ii. Estrella Parkway northbound and southbound approach to Harrison Street
    iii. Harrison Street westbound approach to Estrella Parkway.
h. Kimley-Horn will determine the number of vehicular trips that can be expected to be generated by the community park during the AM and PM peak hours and on an average weekday based on the Institute of Transportation Engineers' trip generation rates.
i. Kimley-Horn will distribute the site-generated trips to the community park access points. The assignment of site generated traffic will be based on the layout of the site intersections and the configuration of the surrounding street network.

Task 2. Future Background Conditions

a. Kimley-Horn will estimate the projected future peak hour traffic volumes on the streets adjacent to the project. The projections will be developed from previous daily traffic volume projections from the City and from a review of other available current traffic studies and data for the area.
b. Background traffic will be modified in order to take into account the additional traffic generated by the Hudson Commons and future expansion of Basis Charter School.
c. Future background conditions will be added to site generated traffic to determine total traffic conditions.
d. Future background traffic conditions will be developed for Phase 1 build out of the park and ultimate buildout of the park.

Task 3. Traffic Impact Analysis

a. Kimley-Horn will conduit traffic signal warrant analysis for the intersection of Harrison Street/Estrella Parkway using the data collected and traffic volumes generated.
b. Kimley-Horn will conduct capacity analyses for each study area intersection and site access point. Kimley-Horn will develop recommendations regarding the need for auxiliary lanes (dedicated right-turn and/or left-turn lanes), traffic control requirements, and outline storage lengths for the site access points as well as the following intersections:

    i. Estrella Parkway and Harrison Street;

ii. 158th Avenue and Harrison Street;
iii. Estrella Parkway and Goodyear Boulevard

c. The project area intersections will be analyzed at project buildout, build of Phase 1 and build out of Phase 2.

Task 4. Traffic Report and Graphics

a. Kimley-Horn will prepare an updated report with appropriate graphics to present the collected information, traffic analysis, and recommendations.
b. Kimley-Horn will prepare for two submittals (Draft and Final). The draft report will be submitted with 30% stage for review and comments. Two copies of the draft report will be submitted to the City for review. After including City comments, three copies of the final report will be provided with the 60% stage.

Task 5. Traffic Study Meetings

a. Kimley-Horn will attend up to two meeting with traffic engineering staff to obtain approval of traffic volumes and resolve comments received.

Required Staff

1. **Consultant:** Kim Carroll, Kimley-Horn

Deliverables

1. Traffic Impact Analysis - Preliminary Draft

TASK 2.2 DRAINAGE REPORT – PRELIMINARY DRAFT

The Consultant will prepare onsite hydrology and hydraulics analysis for the park. The analysis will be used to size onsite drainage infrastructure. Infrastructure includes inlets, storm drains and retention basins. The retention basins will be sized to store the 100-year, 6-hour storm event for the individual drainage areas per the City of Goodyear's Design Standards & Policies.

The consultant will prepare hydrologic and hydraulic analysis for the off-site improvements associated with the park. Off-site improvements are in Harrison Street, Estrella Parkway, and Goodyear Blvd. Drainage improvements included with the off-site improvements are relocating existing retention basins, constructing new retention basins for the half-street runoff on the improved streets, and extending the existing culvert crossing Goodyear Blvd.

The Consultant will prepare a drainage report to provide design documentation for the park drainage design and the off-site improvements. The report will follow the outline provided in section 3.2.2 of the Goodyear Design Standards & Policies. Supporting exhibits will be prepared to supplement the report. Anticipated exhibits include but are not limited to:

- Location Map
- Floodplain Map
- Onsite Drainage Map
- Offsite Drainage Map

The Consultant will prepare a Draft Drainage Report as part of the 30% design submittal. The Consultant will respond to comments from the City of Goodyear. The preliminary drainage report will also be

submitted as part of the City of Goodyear Preliminary site plan approval with the 30% schematic deign submittal

Required Staff

1. **Consultant:** Sean Wozny, Zach Schmidt, Caroline Ogg, Kimley-Horn

Deliverables

1. Preliminary Drainage Report

TASK 2.3 SANITARY SEWER BASIS OF DESIGN REPORT - PRELIMINARY

The Consultant shall provide a Sanitary Sewer Basis of Design Report, which will develop the design criteria and demand for the sanitary sewer needs for the Phase-1 improvements. Sanitary sewer demand shall include Phase-1 Recreation Center, Aquatics Facility, up to three standalone restroom buildings.

The sewer report shall include the following identified tasks:

- Design Criteria
- Sanitary sewer demand calculations for Phase-1 needs
- Sanitary Sewer Infrastructure Layout

Required Staff

1. **Consultant:** Robert Lyons, Kimley-Horn

Deliverables

1. Sanitary Sewer Basis of Design Report – Preliminary Draft

TASK 2.4 WATER BASIS OF DESIGN REPORT – PRELIMINARY

The Consultant shall provide a Water Basis of Design Report, which will develop the design criteria for the potable water needs for the Phase-1 improvements. Water Demands shall include Phase-1 Recreation Center, Aquatics Facility, up to three standalone restroom buildings, drinking fountains, and irrigation system demand.

The water report shall include the following identified tasks:

- Design Criteria
- Water Demand calculations for Phase-1 needs
- Water Infrastructure Layout

Required Staff

1. **Consultant:** Robert Lyons, Kimley-Horn

Deliverables

1. Water Basis of Design Report – Preliminary Draft

TASK 2.5 COVER SHEET / GENERAL NOTES / KEY MAP

The Consultant shall provide an overall project cover sheet with the required project information including location and vicinity mapping, general notes and project contact information.

Required Staff

1. **Consultant:** Sean Wozny, Jeff Kratzke, Marissa Pellegrini, Kim Carroll, Robert Lyons, Kimley-Horn;

Deliverables

1. Project cover sheet, general notes, engineering notes, key map, 24”x36”.

TASK 2.6 SITE PLAN

The Consultant shall provide an overall project site plan for phase 1, recreation center and aquatics facility 30 acre park improvements. The site plan shall provide key call outs of the proposed amenities for the project.

Required Staff

1. **Consultant:** Sean Wozny, Jeff Kratzke, Marissa Pellegrini, Kim Carroll, Robert Lyons, Kimley-Horn;

Deliverables

1. Project overall site plan, 24”x36” (1”=100’ or larger) and enlargements for recreation center & aquatics area;
2. Project overall site plan, 24”x36” (1”=100’ or larger) and enlargements for 30 Acre Park Area;
3. Enlargements at 40 Scale with match lines as necessary

TASK 2.7 OFFSITE REMOVALS PLAN – HARRISON STREET & ESTRELLA PARKWAY

The Consultant shall provide an offsite removals plan for Harrison Street and Estrella Parkway improvements. The removals plan shall identify all project removals including, but not limited to pavement sawcut and removals as well as concrete curb removal.

Required Staff

1. **Consultant:** Kim Carroll, Kimley-Horn;

Deliverables

1. Offsite Removal Plan for Harrison Street and Estrella Parkway, 24”x36” with scale as required to meet City of Goodyear standards, anticipating 1”=20’ scale.

TASK 2.8 OFFSITE GEOMETRICS PLAN – HARRISON STREET & ESTRELLA PARKWAY

The Consultant shall provide a geometrics and layout plan for offsite pavement and roadway improvements along Harrison Street and Estrella Parkway. The geometrics plan shall include project benchmark for horizontal and vertical control and project improvement layout. Horizontal roadway improvement layout information including curve tables shall be provided.

It is anticipated that the six projects will utilize separate submittals for the offsite improvements to help expedite the project schedule and construction timeline as the City has selected and engaged a Construction Manager at Risk (CMAR).

Required Staff

1. **Consultant:** Kim Carroll, Kimley-Horn;

Deliverables

1. Offsite Geometrics Plan for Harrison Street and Estrella Parkway, 24”x36” with scale as required to meet City of Goodyear standards, anticipating 1”=20’ scale.

TASK 2.9 OFFSITE PAVING PLAN AND PROFILE – HARRISON STREET, 158TH AVENUE & ESTRELLA PARKWAY

- Kimley-Horn will design approximately 2,700 feet of roadway widening to the west along Estrella Parkway from north of Harrison Street to south of Goodyear Boulevard.
- Kimley-Horn will design approximately 1,900 feet of new roadway for Harrison Street from 158th Avenue to Estrella Parkway.
- Kimley-Horn will design approximately 900 feet of roadway widening to the south along Harrison Street from 158th Avenue to the west to match existing Harrison Street north half street width.
- Kimley-Horn will design the west leg of the intersection of Harrison Street and Estrella Parkway. The west leg and auxiliary lane needs will be based on the results of the TIA.
- Kimley-Horn will design the intersection of Harrison Street and 158th Street. The intersection lane configuration and improvements will be based on the result of the TIA.
- Kimley-Horn will design the northwest corner intersection of Harrison Street and Goodyear Parkway. The improvements will consist of widening the west side to accommodate a third southbound through lane and exclusive southbound right turn lane. The third southbound through lane will drop approximately 250 feet south of the intersection and transition to match existing.
- Kimley-Horn will establish a roadway construction centerline based on existing survey monuments.
- Kimley-Horn will prepare roadway plans at a 20-scale. Plan will be developed and submitted at 30%, 60%, 95%, and Final. The following sheet list is anticipated for the final construction documents:

    1. Legend & Notes (2 Sheets)
    2. Typical Sections (2 Sheets)
    3. Miscellaneous Details Sheet (1 Sheet)
    4. Geometric Control (1 Sheet)
    5. Key Map Sheet (1 Sheet)
    6. Estrella Parkway Paving Plan & Profile (20 Scale) (6 Sheets) (1” = 20’ scale)
    7. Harrison Street Paving Plan & Profile (20 Scale) (6 Sheets) (1” = 20’ scale)
    8. 158th Avenue Paving Plan & Profile (20 Scale) (2 Sheets) (1” = 20’ scale)
    9. Sidewalk Ramp Details (2 Sheets) (1” = 10’ scale)
    10. Drainage Details (1 Sheet)

It is anticipated that the six projects will utilize separate submittals for the offsite improvements to help expedite the project schedule and construction timeline as the City has selected and engaged a Construction Manager at Risk (CMAR).

Required Staff

1. **Consultant:** Kim Carroll, Kimley-Horn;

Deliverables

1. Offsite Geometrics Plan for Harrison Street and Estrella Parkway, 24”x36” with scale as required to meet City of Goodyear standards, anticipating 1”=20’ scale or as noted in above for this task.

TASK 2.10 OFFSITE SIGNING & STRIPING – HARRISON STREET & ESTRELLA PARKWAY

- Kimley-Horn will define the existing signing and striping layout for Estrella Parkway, Harrison Street and 158th Avenue. Field investigation includes conducting a sign inventory of the existing signing along the project limits and approaching the limits.
- Kimley-Horn will develop a signing and striping design in accordance with City of Goodyear guidelines.
- Kimley-Horn will develop traffic signing and striping plans beginning at the 60% plan stage. Striping design layout will be provided on the roadway sheets for the 30% plan stage. The signing and striping design plans shall be produced at 1” = 40’ scale and shall include the following sheets:

    1. General Signing and Striping Notes and Legend Sheet (1 Sheet)
    2. Estrella Parkway Striping and Signing Plan Sheets (3 Sheets)
    3. Harrison Street Striping and Signing Plan Sheets (3 Sheets)
    4. 158th Avenue Striping and Signing Plan Sheets (1 Sheet)

It is anticipated that the six projects will utilize separate submittals for the offsite improvements to help expedite the project schedule and construction timeline as the City has selected and engaged a Construction Manager at Risk (CMAR).

Required Staff

1. **Consultant:** Kim Carroll, Kimley-Horn;

Deliverables

1. Offsite Signing and Striping Plan for Harrison Street and Estrella Parkway, 24”x36”. with scale as required to meet City of Goodyear standards, anticipating 1”=40’ scale.

TASK 2.11 OFFSITE GRADING & DRAINAGE PLANS – HARRISON STREET / ESTRELLA PARKWAY / GOODYEAR BLVD / SHERMAN STREET

The Consultant shall provide offsite grading and drainage plans for offsite pavement and roadway improvements along Harrison Street and Estrella Parkway. Grading and drainage plans will be required for the existing drainage basins along Goodyear Blvd if improvements are to relocate the existing onsite basins which currently provide storage of the offsite drainage along the Goodyear Blvd frontage. The drainage plans will also include extending the existing culvert under Goodyear Blvd. The offsite drainage conveyance, routing and storage shall utilize the City of Goodyear drainage design requirements as well as Maricopa County.

Required Staff

1. **Consultant:** Zach Schmidt, Kimley-Horn;

Deliverables

1. Offsite Drainage routing and storage for Harrison Street and Estrella Parkway, 24”x36”.

2. Offsite Drainage routing and storage for Goodyear Blvd, 24”x36”.

TASK 2.12 OFFSITE STREET LIGHTING PLANS – HARRISON STREET

The Consultant shall provide offsite electrical plans for street lighting along the north side of Harrison Street. Electrical service will be coordinated with APS and street light guidelines and standards will adhere to the City of Goodyear for Harrison.

Required Staff

1. **Consultant:** Michael Colombo, Kimley-Horn;

Deliverables

1. Offsite street lighting plans for Harrison Street, 24”x36”.

TASK 2.13 OFFSITE TRAFFIC SIGNAL PLANS – HARRISON STREET & ESTRELLA PARKWAY

a. Kimley-Horn will design a new traffic signal for the intersection of Estrella Parkway and Harrison Street.

b. Kimley-Horn will design traffic signals in accordance with applicable City of Goodyear Standards and Specifications

c. Kimley-Horn will perform a site visit and document to existing equipment and conditions related to the existing conditions.

d. Kimley-Horn will coordinate traffic signal design with Arizona Public Service (APS) to define a power source to serve the new traffic signal at Harrison Street.

e. Kimley-Horn traffic signal design will consist of a fiber connection from the new controller and cabinet at Harrison Street to the City’s Fiber backbone design. ITS conduit and fiber backbone design is not included and assumed to be designed by the City.

f. Kimley-Horn will provide a signal design layout showing poles, arms, and controller locations at the 30% plan stage. The 30% layout will be provided on a single Traffic Signal Layout Sheet.

g. Kimley-Horn will provide a full traffic signal plan set 60%. The signal plans shall be produced at a 1” = 20’ scale and include the following sheets:

   i. General Traffic Signal Notes and Legend Sheet (1 Sheet)
   ii. Harrison Street Traffic Signal Layout Sheet (1 Sheet)
   iii. Harrison Street Pole Schedule Sheet (1 Sheet)
   iv. Harrison Street Conductor Schedule Sheet (1 Sheet)

Required Staff

1. **Consultant:** Kim Carroll, Kimley-Horn;

Deliverables

1. Offsite traffic signal plans for Harrison Street & Estrella Parkway, 24”x36”.

TASK 2.14 OFFSITE TRAFFIC SIGNAL RELOCATION PLANS – GOODYEAR BLVD & ESTRELLA PRKWY INTERSECTION

a. Kimley-Horn will design for improvements to the existing traffic signal at the intersection of Goodyear Parkway and Estrella Parkway. Widening along the west side of Estrella Parkway is expected to impact the signal poles, conduit, pull boxes, controller/cabinet, and service.

b. Kimley-Horn will design traffic signals in accordance with applicable City of Goodyear Standards and Specifications

c. Kimley-Horn will perform a site visit and document to existing equipment and conditions related to the existing conditions.

d. Kimley-Horn will coordinate traffic signal design with Arizona Public Service (APS) to define the existing power source and improvements to service at Goodyear Boulevard.

e. Kimley-Horn traffic signal design will consist of a re-establishing the fiber connection from the new controller and cabinet at Goodyear Boulevard to the City's Fiber backbone design. ITS conduit and fiber backbone design is not included and assumed to be designed by the City.

f. Kimley-Horn will provide a signal design layout showing poles, arms, and controller locations at the 30% plan stage. The 30% layout will be provided on a single Traffic Signal Layout Sheet.

g. Kimley-Horn will provide a full traffic signal plan set 60%. The signal plans shall be produced at a 1" = 20' scale and include the following sheets:

   i. General Traffic Signal Notes and Legend Sheet (1 Sheet)
   ii. Goodyear Parkway Traffic Signal Removal Sheet (1 Sheet)
   iii. Goodyear Parkway Traffic Signal Layout Sheet (1 Sheet)
   iv. Goodyear Parkway Pole Schedule Sheet (1 Sheet)
   v. Goodyear Parkway Conductor Schedule Sheet (1 Sheet)

Required Staff

1. **Consultant:** Kim Carroll, Kimley-Horn;

Deliverables

1. Offsite traffic signal relocation plans for Goodyear Blvd & Estrella Parkway, 24"x36".

TASK 2.15 OFFSITE SANITARY SEWER PLANS

The Consultant will design a sewer mainline along Harrison Street and along Estrella Parkway along the proposed site frontage. The Consultant will also coordinate with the new sanitary sewer that has been designed as part of the private development mixed use project north of Harrison to determine a potential sanitary sewer tie-in for the recreation center building and the aquatics facility. Existing as-built information will be reviewed. If potholing is required, the Consultant will provide test hole locations for the CMAR to perform potholing activities in the field to verify vertical depth and horizontal location.

This task includes required sheet preparation for the onsite sewer plans. Plans will be prepared at 20 scale. Sheets associated with this task include:

- Cover sheet
- Notes sheet

- Up to two detail sheets which will include needed details for connections, street crossings, dike crossings, etc.
- Up to seven plan and profile sheets for the gravity sewer

Required Staff

1. **Consultant:** Robert Lyons, Kimley-Horn;

Deliverables

1. Offsite sanitary sewer plans, 24”x36”.

TASK 2.16 OFFSITE WATER PLANS

The Consultant shall provide offsite water plans for water line within the City of Goodyear right-of-way along Harrison Street along the proposed site frontage. If potholing is required, the Consultant will provide test hole locations for the CMAR to perform potholing activities in the field to verify vertical depth and horizontal location.

- Up to two detail sheets which will include needed details for connections, street crossings, dike crossings, etc.
- Up to 4 plan and profile sheets for the potable water showing both domestic, irrigation and fire systems

Required Staff

1. **Consultant:** Robert Lyons, Kimley-Horn;

Deliverables

1. Offsite domestic water, fire and irrigation plans, 24”x36”.

TASK 2.17 OFFSITE DETAILS PLANS

The Consultant shall provide details for water, sewer, pavement and drainage details based on the offsite improvements along Harrison Street and Estrella Blvd. Water and Sanitary sewer details shall be provided for all wet utility improvements located within the City of Goodyear right of way.

Required Staff

1. **Consultant:** Robert Lyons, Zach Schmidt, Kim Carroll, Mike Colombo, Kimley-Horn;

Deliverables

1. Offsite improvement details plan, 24”x36”.

TASK 2.18 ONSITE DEMOLITION PLANS

The Consultant shall provide onsite demolition plans for the proposed project site improvements.

Required Staff

1. **Consultant:** Robert Lyons, Kimley-Horn;

Deliverables

1. Onsite demolition plans, 24”x36” Enlargements if required for clarity.

TASK 2.19 ONSITE PAVING PLANS

The Consultant shall prepare onsite paving plans for the park site, including parking lot and interior circulation drives. The consultant shall include turning template exercises based on the City of Goodyear design vehicles for fire and garbage trucks. Plans shall include pavement sections as per the recommendations determined by the geotechnical engineer in the geotechnical report.

Required Staff

1. **Consultant:** Sean Wozny, Kimley-Horn;

Deliverables

1. Onsite paving plans, 24”x36”.

TASK 2.20 HARDSCAPE PLANS – PARK SITE

The Consultant shall prepare onsite hardscape plans for the park site. The schematic design shall build upon the approved master plan and preliminary site plan approval for engineering which was part of the master plan process. Hardscape areas include the plaza area, stage area, sport court area, and baseball field plaza. Hardscape plans shall include treatments, materials and layout. The hardscape plans shall accommodate the proposed amenities identified in the master plan. The project team will work together to determine materials, layout and site furnishing types and locations.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Onsite hardscape plans for the park site, 24”x36” & enlargements as necessary to convey design.

TASK 2.21 HARDSCAPE PLANS – RECREATION CENTER BUILDING

The Consultant shall prepare onsite hardscape plans for the recreation center site. The schematic design shall build upon the approved master plan and preliminary site plan approval for engineering which was part of the master plan process. Hardscape areas include the upper plaza area and tie-in with the recreation center building. Hardscape plans shall include treatments, materials and layout. The hardscape plans shall accommodate the proposed amenities identified in the master plan. The project team will work together to determine materials, layout and site furnishing types and locations.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Onsite hardscape plans for the recreation center building, 24”x36” & enlargements as necessary to convey design.

TASK 2.22 HARDSCAPE PLANS – AQUATIC FACILITY

The Consultant shall prepare onsite hardscape plans for the aquatic facility site. The schematic design shall build upon the approved master plan and preliminary site plan approval for engineering which was part of the master plan process. Hardscape areas include the aquatic deck area and tie-in with the recreation center building. Hardscape plans shall include treatments, materials and layout. The hardscape plans shall accommodate the proposed amenities identified in the master plan. The project team will work together to determine materials, layout and site furnishing types and locations.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Onsite hardscape plans for the aquatic facility, 24”x36” & enlargements as necessary to convey design.

TASK 2.23 HARDSCAPE PLAZA ENLARGEMENT PLAN

The Consultant shall prepare onsite hardscape enlargement plans for the plaza area to detail the design, treatments and materials. The schematic design shall build upon the approved master plan and site plan. The hardscape plans shall accommodate the proposed amenities identified in the master plan. The project team will work together to determine materials, layout and site furnishing types and locations.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Onsite hardscape enlargement plans for the plaza areas, 24”x36” & enlargements as necessary to convey design.

TASK 2.24 HARDSCAPE GROUP RAMADA ENLARGEMENT PLAN

The Consultant shall prepare onsite hardscape enlargement plans for the group ramada area to detail the design, treatments and materials. The schematic design shall build upon the approved master plan and site plan. The hardscape plans shall accommodate the proposed amenities identified in the master plan. The project team will work together to determine materials, layout and site furnishing types and locations.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Onsite hardscape enlargement plans for the group ramada area, 24”x36” & enlargements as necessary to convey design.

TASK 2.25 PLAYGROUND ENLARGEMENT PLAN

The Consultant shall prepare the playground enlargement plans to detail the design, treatments, layout and materials. The plan shall include playground equipment and shade treatment locations and identify

safety fall zone areas and ADA access. The schematic design shall build upon the approved master plan and site plan. The project team will work together to determine materials, layout and site furnishing types and locations.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Onsite playground enlargement plans, 24”x36” & enlargements as necessary to convey design.

TASK 2.26 HARDSCAPE DETAIL PLANS

The Consultant shall prepare hardscape detail plans to provide construction details for the plaza areas, recreation center, aquatics facility, playground area, group ramada, sport courts, sand volleyball, and multi-use pathway.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Hardscape detail plans for park site, recreation center and aquatics facility, 24”x36”.

TASK 2.27 STRUCTURAL DETAILS – HARDSCAPE AREAS

The Consultant shall prepare structural detail plans for the seat walls, site walls and retaining walls throughout the park site and hardscape treatment areas. Consultant shall provide structural calculations as required by the City of Goodyear for permitting.

Required Staff

1. **Consultant:** Brett Stroup, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Structural detail plans for park site, recreation center and aquatics facility, 24”x36”.

TASK 2.28 LANDSCAPE PLANS

The Consultant shall prepare landscape plans for the onsite park site, recreation center and aquatics facility. The team will work with the City to develop the initial plant palette.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Landscape plans for park site, recreation center and aquatics facility, 24”x36” as per City of Goodyear applicable standards.

TASK 2.29 LANDSCAPE DETAIL PLANS

The Consultant shall prepare landscape detail plans for the onsite park site, recreation center and aquatics facility.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Landscape details for park site, recreation center and aquatics facility, 24”x36” as per City of Goodyear applicable standards.

TASK 2.30 GRADING AND DRAINAGE PLANS

The Consultant shall provide a grading and drainage plan as determined necessary to meet the City of Goodyear engineering standards, conceptually following the approved master plan. The grading and drainage plan shall include contours and initial big picture site grading and drainage for the park area.

Required Staff

1. **Consultant:** Sean Wozny, Zach Schmidt, Kimley-Horn;

Deliverables

1. Grading and Drainage Plans for park site, 24”x36”.

TASK 2.31 FIELD DRAINAGE PLANS

The Consultant shall provide subterranean field drainage design for the rectangular fields and the baseball fields. Plans shall include field drainage layout, drainage details and invert information. Surface drainage w/ spot grades at 25’ both ways on all fields. Anticipate laser leveling of fields by the contractor.

Required Staff

1. **Consultant:** Sean Wozny, Kimley-Horn;

Deliverables

1. Field Drainage Plans for park site, 24”x36” with enlarged area plans of field as necessary for clarity.

TASK 2.32 GRADING AND DRAINAGE PLANS FOR RECREATION CENTER

The Consultant shall provide a grading and drainage plans for the recreation center. The grading and drainage plan shall include contours and initial spot information for the building and surrounding plaza area.

Required Staff

1. **Consultant:** Sean Wozny, Zach Schmidt, Kimley-Horn;

Deliverables

1. Grading and Drainage Plans for recreation center site, 24”x36”.

TASK 2.33 GRADING AND DRAINAGE PLANS FOR AQUATICS FACILITY

The Consultant shall provide a grading and drainage plans for the aquatics facility. The grading and drainage plan shall include contours and initial spot information for the building and surrounding plaza area and conform to Maricopa County and Industry standards for aquatic facilities.

Required Staff

1. **Consultant:** Sean Wozny, Zach Schmidt, Kimley-Horn;

Deliverables

1. Grading and Drainage Plans for aquatics facility, 24”x36”.

TASK 2.34 GRADING AND DRAINAGE ENLARGEMENT PLANS

The Consultant shall prepare onsite grading and drainage enlargement plans for the plaza area, group ramada area, baseball plaza area, sport court and sand volleyball court areas, and any other area as deemed necessary to convey design intent. Enlargement plans to include detailed spot and slope information to address fine grading and ensure ADA routing is achieved.

Required Staff

1. **Consultant:** Sean Wozny, Zach Schmidt, Kimley-Horn;

Deliverables

1. Grading and Drainage enlargement plans, 24”x36”.

TASK 2.35 GRADING AND DRAINAGE DETAIL PLANS

The Consultant shall prepare grading and drainage detail plans to provide construction details for drainage conveyance and improvements throughout the park, recreation center and aquatics facility. Details include, but not limited to: storm drain, scuppers, culverts, catch basins, and dry wells.

Required Staff

1. **Consultant:** Sean Wozny, Zach Schmidt, Kimley-Horn;

Deliverables

1. Grading and Drainage detail plans, 24”x36”.

TASK 2.36 ONSITE WATER PLANS

The Consultant shall prepare onsite domestic water plans to provide water service to the proposed recreation center, aquatics facility, stand-a-lone restroom buildings (up to three), drinking fountains, fire lines, fire hydrants and irrigation. The water sizing, layout and design shall adhere to the City of Goodyear design standards and details as well as MAG standards and specifications.

Required Staff

1. **Consultant:** Robert Lyons, Kimley-Horn;

Deliverables

1. Onsite water line plans, 24”x36”.

TASK 2.37 ONSITE SANITARY SEWER PLANS

The Consultant shall prepare onsite sanitary sewer plans to provide gravity sewer service from the proposed recreation center, aquatics facility, and standalone restroom buildings (up to three). The sanitary sewer sizing, layout and design shall adhere to the City of Goodyear design standards and details as well as MAG standards and specifications.

Required Staff

1. **Consultant:** Robert Lyons, Kimley-Horn;

Deliverables

1. Onsite sanitary sewer plans, 24”x36” with sewer plan and profile as required by the City for Civil Permit.

TASK 2.38 ONSITE WATER AND SEWER DETAILS

The Consultant shall prepare water and sanitary sewer detail plans including water service connections, backflow assemblies and cages, water pipe, trenching and fittings as well as sanitary sewer service cleanouts, manholes, and fittings.

Required Staff

1. **Consultant:** Robert Lyons, Kimley-Horn;

Deliverables

1. Onsite water and sanitary sewer details, 24”x36”.

TASK 2.39 RAMADA PLANS STRUCTURAL DETAILS

The Consultant shall prepare structural footing and detail plans for ramada and shade structures located within the onsite park area. The design team shall work with the City to determine ramada locations and manufacture types prior to structural footing and detail design. Consultant shall coordinate with City Building Safety reviewer for structural plan submittal package for plans and calculations for review and permit.

Required Staff

1. **Consultant:** Brett Stroup, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Ramada Plans and Structural Details for the onsite park area, 24”x36”.

TASK 2.40 SITE ELECTRICAL PLANS - SPORTS FIELD LIGHTING PLANS

The Consultant will prepare electrical and lighting engineering design plans, specifications and estimates to include the following:
Sports field lighting for 2 baseball fields, 2 rectangular multi-use fields, pathway and site security and accent lighting, playground area lighting Parking lot lighting, power feed and site lighting for the maintenance yard area, irrigation pumping systems, monument sign power/lighting, electrical convenience outlets, scoreboard power, and exterior building lighting and other site power distribution. Engineering plans will include all equipment and lighting locations, preliminary conduit routing locations, lighting and equipment installation details, preliminary calculations, preliminary specifications and cost estimates for building safety review and permit.

Required Staff

1. **Consultant:** Michael Colombo, Kimley-Horn

Deliverables

1. Site Electrical Plans for the onsite park area, 24”x36”.

TASK 2.41 SITE ELECTRICAL DETAIL PLANS

The Consultant will prepare electrical detail plans for the park site lighting and sports field lighting areas. Details to include pole, fixture types, concrete pole bases with structural calculations for building safety review and permit.

Required Staff

1. **Consultant:** Michael Colombo, Kimley-Horn

Deliverables

1. Site Electrical Plans for the onsite park area, 24”x36”.

TASK 2.42 MECHANICAL PLANS AND DETAILS

The Consultant will prepare mechanical plans for the recreation building and the two restroom facilities. The plans will include recommended equipment, heat load analysis, proposed equipment locations, and a technical memorandum detailing design decisions. Includes meeting with the Client and coordination with the architect and design disciplines. Included are specifications and opinion of probable cost for building safety review and permit.

Required Staff

1. **Consultant:** Peter Syntax, Ali Mahmood, Kimley-Horn

Deliverables

1. Mechanical Plans for the recreation building and restrooms, 24”x36”.
2. Heat Load Analysis.
3. Technical Memorandum.

TASK 2.43 PLUMBING PLANS AND DETAILS

The Consultant will prepare plumbing plans for the recreation building and the two restroom facilities. The plans will include recommended equipment, plumbing loads, utility coordination, and technical memorandum for the water, sewer, storm drain, and gas. Included are specifications and opinion of probable cost for building safety review and permit.

Required Staff

1. **Consultant:** Peter Syntax, Ali Mahmood, Kimley-Horn

Deliverables

1. Plumbing Plans for the recreation building and restrooms, 24”x36”.
2. Technical Memorandum

TASK 2.44 ELECTRICAL PLANS AND DETAILS

The Consultant will prepare electrical plans for the recreation building and the two restroom facilities. Power and lighting plans for the facilities includes load analysis, initial electrical equipment layout, service sizes, initial lighting layout for interior and building mounted lighting, and coordination with the architect and City. Included are specifications and opinion of probable cost. Technical memorandum will be provided to document design decisions.

Required Staff

1. **Consultant:** Peter Syntax, Bill Bradshaw, Kimley-Horn

Deliverables

1. Electrical Plans and Details for the recreation building and two restrooms, 24”x36”.
2. Electrical Load Analysis
3. Technical Memorandum

TASK 2.45 MAINTENANCE YARD PLANS

The Consultant will prepare maintenance yard layout plans. The Consultant shall work with the Project team and City staff to program the maintenance yard for phase 1 build out and look at phase 2 expansion foot prints to insure operation and maintenance needs are met and achieved for the City. The plans shall include paving materials, bin locations, fertilizer location area, material placement, equipment placement and maintenance building (by DWL) integration as well as wall design and gate access design. The Consultation shall provide design for concrete wash out area and sand oil separator for County approval as required.

Required Staff

1. **Consultant:** Marissa Pellegrini, Brett Stroup, Kimley-Horn;

Deliverables

1. Maintenance Yard Plans, 24”x36”.

TASK 2.46 SIGNAGE AND WAY-FINDING PLANS

The Consultant shall work with the City to provide monument signage and way-finding signage development. The signage shall build upon a design theme and provide a hierarchy of information as people utilize and circulate through the park area. Design shall conform to ADA requirements as required.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Signage and Way-Finding Plans, 24”x36”.

TASK 2.47 PROJECT SPECIFICATIONS

The Consultant shall work with the City to provide project specifications for the park, recreation center and aquatics site work. Specifications shall utilize CSI format and incorporate Goodyear standards as required.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Project Specifications, 8 ½” x 11”.

TASK 2.48 PROJECT QUANITIES

The Consultant shall provide engineering quantities for the park site improvements, recreation center and aquatics facility site work. Quantity takeoffs will be based off CAD design line work and will be provided to the City for verification of CMAR quantities. The Consultant design team shall internally coordinate project quantities as a team and coordinate with the City and the project CMAR during GMP development.

Required Staff

1. **Consultant:** Sean Wozny, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Tabulated plan quantities list, 8 ½” x 11”.

TASK 2.49 PLAN SUBMITTAL

The Consultant shall work with the City of Goodyear to provide milestone plan submittals at 30%, 60%, 95% and Final Permitting plans. Submittals shall be provided in PDF and hardcopy format for the City. All required submittal fees shall be the responsibility of the City of Goodyear and will be reimbursable expenses for the Consultant through the identified project allowances as part of this scope of work.

Required Staff

1. **Consultant:** Sean Wozny, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Milestone Plan submittal, pdf and hardcopy format and providing three full size sets of plans to City of Goodyear Engineering Department.

TASK 2.50 COMMENT RESOLUTION MEETING

The Consultant will compile all City and Agency comment and conduct comment resolution meetings with the City project team at each submittal milestone; 30%, 60%, 95% and Final Permitting plans. The comment resolution meeting will provide an opportunity for the design and project team to go through the City and Agency comments to determine final direction for addressing the comment.

Required Staff

1. **Consultant:** Sean Wozny, Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Compiled comment resolution document with initial and final comment direction responses.

TASK 2.51 UTILITY COORDINATION SUBMITTALS

The Consultant shall provide utility providers that have utility facilities within the project area plans for review at each submittal milestone; 30%, 60%, 95% and Final Permitting plans. A utility clearance letter will be required from all utility providers with utilities within the project area. Once final plans have been completed, the Consultant shall submit water, sanitary sewer and irrigation plans to Maricopa County environmental services (MCESD) to complete the Approval to Construct permit application. All non-City agency and City required submittal fees shall be the responsibility of the City of Goodyear and have been included as allowances as part of the project scope of work. The utility conflict review submittals shall occur at the milestone submittals for 30%, 60%, 95% and 100% with reproduction cost as part of the Consultant reimbursable expense.

Required Staff

1. **Consultant:** Robert Lyons, Kimley-Horn;

Deliverables

1. Utility agency plan submittals
2. Utility clearance letters
3. MCESD ATC Permit Submittal (Final Permit Plans)

TASK 2.52 CMAR GMP DEVELOPMENT COORDINATION MEETING

The Consultant will meet with the City and the CMAR to answer questions, receive constructability comments and clarify the current submittal design package as the contractor is developing cost estimating models and the project GMP. CMAR will be reviewing documents, providing cost input at all submittal levels, CMAR Design input is desired to keep project cost inline and avoid scope creep.

Required Staff

1. **Consultant:** Sean Wozny, Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Meeting Minutes

TASK 3.0 DESIGN DEVELOPMENT (60% PLANS)

TASK 3.1 TRAFFIC IMPACT ANALYSIS – FINAL REPORT

Traffic Impact Analysis (TIA)

At 60%, the TIA will generally consist of obtaining comments from project team, addressing the comments, and resubmittal as final report. The work is summarized as follows:

Task 1. Traffic Study Comment Resolution

a. Kimley-Horn will summarize the comments received by City staff in written format. Initial responses will be documented and coordinated with City Staff for resolution. Comment resolution meeting will be utilized to resolve comments with City Staff.

Task 2. Traffic Report and Graphics

a. Kimley-Horn will prepare an updated report with appropriate graphics to present the collected information, traffic analysis, and recommendations.
b. Kimley-Horn will update draft report and figures based on the comment resolution. After including City comments, three copies of the final report will be provided with the 60% stage.

Required Staff

1. **Consultant:** Kim Carroll, Kimley-Horn

Deliverables

1. Traffic Impact Analysis – Final Report

TASK 3.2 DRAINAGE REPORT – FINAL REPORT

The Consultant will respond to comments from the City of Goodyear. A Final Drainage Report will include changes based on comments from the draft drainage report. The Final Drainage Report will be submitted as part of 60% submittal.

Required Staff

1. **Consultant:** Sean Wozny, Zach Schmidt, Caroline Ogg, Kimley-Horn

Deliverables

1. Final Drainage Report

TASK 3.3 SANITARY SEWER BASIS OF DESIGN REPORT - FINAL

The Consultant shall provide a Sanitary Sewer Basis of Design Report, which will develop the design criteria and demand for the sanitary sewer needs for the Phase-1 improvements. Sanitary sewer demand shall include Phase-1 Recreation Center, Aquatics Facility, up to three standalone restroom buildings.

The sewer report shall include the following identified tasks:

- Design Criteria
- Sanitary sewer demand calculations for Phase-1 needs
- Sanitary Sewer Infrastructure Layout

Required Staff

1. **Consultant:** Robert Lyons, Kimley-Horn

Deliverables

1. Sanitary Sewer Basis of Design Report – Final Report with plan submittal at permit approval.

TASK 3.4 WATER BASIS OF DESIGN REPORT – FINAL

The Consultant shall provide a Water Basis of Design Report, which will develop the design criteria for the potable water needs for the Phase-1 improvements. Water Demands shall include Phase-1 Recreation Center, Aquatics Facility, up to three standalone restroom buildings, drinking fountains, and irrigation system demand.

The water report shall include the following identified tasks:

- Design Criteria
- Water Demand calculations for Phase-1 needs
- Water Infrastructure Layout

Required Staff

1. **Consultant:** Robert Lyons, Kimley-Horn

Deliverables

1. Water Basis of Design Report – Final Report with plan submittal at permit approval

TASK 3.5 COVER SHEET / GENERAL NOTES / KEY MAP

The Consultant shall provide an overall project cover sheet with the required project information including location and vicinity mapping, general notes and project contact information. As per the City of Goodyear standards, two separate covers for Building Safety Permit and Civil Engineering Permit.

Required Staff

1. **Consultant:** Sean Wozny, Jeff Kratzke, Marissa Pellegrini, Kim Carroll, Robert Lyons, Kimley-Horn;

Deliverables

1. Two Separate Project cover sheets for building safety and civil engineering, general notes, engineering notes, key map, 24”x36”.

TASK 3.6 SITE PLAN AND OVERALL SITE PLAN

The Consultant shall provide two overall site plans for the project area. An overall project site plan for phase 1 and the recreation center and aquatics facility. The site plan shall provide key call outs of the proposed amenities for the project.

Required Staff

1. **Consultant:** Sean Wozny, Jeff Kratzke, Marissa Pellegrini, Kim Carroll, Robert Lyons, Kimley-Horn;

Deliverables

1. Two project overall site plans, 24”x36” as required by the City of Goodyear standards.

TASK 3.7 OFFSITE REMOVALS PLAN – HARRISON STREET & ESTRELLA PARKWAY

The Consultant shall provide an offsite removals plan for Harrison Street and Estrella Parkway improvements. The removals plan shall identify all project removals including, but not limited to pavement sawcut and removals as well as concrete curb removal.

Required Staff

1. **Consultant:** Kim Carroll, Kimley-Horn;

Deliverables

1. Offsite Removal Plan for Harrison Street and Estrella Parkway, 24”x36”.

TASK 3.8 OFFSITE GEOMETRICS PLAN – HARRISON STREET & ESTRELLA PARKWAY

The Consultant shall provide a geometrics and layout plan for offsite pavement and roadway improvements along Harrison Street and Estrella Parkway. The geometrics plan shall include project benchmark for horizontal and vertical control and project improvement layout. Horizontal roadway improvement layout information including curve tables shall be provided.

Required Staff

1. **Consultant:** Kim Carroll, Kimley-Horn;

Deliverables

1. Offsite Geometrics Plan for Harrison Street and Estrella Parkway, 24”x36”.

TASK 3.9 OFFSITE PAVING PLAN AND PROFILE – HARRISON STREET, 158TH AVENUE & ESTRELLA PARKWAY

a. Kimley-Horn will design approximately 2,700 feet of roadway widening to the west along Estrella Parkway from north of Harrison Street to south of Goodyear Boulevard.

b. Kimley-Horn will design approximately 1,900 feet of new roadway for Harrison Street from 158th Avenue to Estrella Parkway.

c. Kimley-Horn will design approximately 900 feet of roadway widening to the south along Harrison Street from 158th Avenue to the west to match existing Harrison Street north half street width.

d. Kimley-Horn will design the west leg of the intersection of Harrison Street and Estrella Parkway. The west leg and auxiliary lane needs will be based on the results of the TIA.

e. Kimley-Horn will design the intersection of Harrison Street and 158th Street. The intersection lane configuration and improvements will be based on the result of the TIA.

f. Kimley-Horn will design the northwest corner intersection of Harrison Street and Goodyear Parkway. The improvements will consist of widening the west side to accommodate a third southbound through lane and exclusive southbound right turn lane. The third southbound through lane will drop approximately 250 feet south of the intersection and transition to match existing.

g. Kimley-Horn will establish a roadway construction centerline based on existing survey monuments.

h. Kimley-Horn will prepare roadway plans at a 20-scale. Plan will be developed and submitted at 30%, 60%, 95%, and Final. The following sheet list is anticipated for the final construction documents:

1. Legend & Notes (2 Sheets)
2. Typical Sections (2 Sheets)
3. Miscellaneous Details Sheet (1 Sheet)
4. Geometric Control (1 Sheet)
5. Key Map Sheet (1 Sheet)
6. Estrella Parkway Paving Plan & Profile (20 Scale) (6 Sheets) (1" = 20' scale)
7. Harrison Street Paving Plan & Profile (20 Scale) (6 Sheets) (1" = 20' scale)
8. 158th Avenue Paving Plan & Profile (20 Scale) (2 Sheets) (1" = 20' scale)
9. Sidewalk Ramp Details (2 Sheets) (1" = 10' scale)
10. Drainage Details (1 Sheet)

Required Staff

1. **Consultant:** Kim Carroll, Kimley-Horn;

Deliverables

1. Offsite Geometrics Plan for Harrison Street and Estrella Parkway, 24"x36".

TASK 3.10 OFFSITE SIGNING & STRIPING – HARRISON STREET & ESTRELLA PARKWAY

a. Kimley-Horn will define the existing signing and striping layout for Estrella Parkway, Harrison Street and 158th Avenue. Field investigation includes conducting a sign inventory of the existing signing along the project limits and approaching the limits.
b. Kimley-Horn will develop a signing and striping design in accordance with City of Goodyear guidelines.
c. Kimley-Horn will develop traffic signing and striping plans beginning at the 60% plan stage. Striping design layout will be provided on the roadway sheets for the 30% plan stage. The signing and striping design plans shall be produced at 1" = 40' scale and shall include the following sheets:

1. General Signing and Striping Notes and Legend Sheet (1 Sheet)
2. Estrella Parkway Striping and Signing Plan Sheets (3 Sheets)
3. Harrison Street Striping and Signing Plan Sheets (3 Sheets)
4. 158th Avenue Striping and Signing Plan Sheets (1 Sheet)

Required Staff

1. **Consultant:** Kim Carroll, Kimley-Horn;

Deliverables

1. Offsite Signing and Striping Plan for Harrison Street and Estrella Parkway, 24”x36”.

TASK 3.11 OFFSITE GRADING & DRAINAGE PLANS – HARRISON STREET / ESTRELLA PARKWAY / GOODYEAR BLVD / SHERMAN STREET

The Consultant shall provide offsite grading and drainage plans for offsite pavement and roadway improvements along Harrison Street and Estrella Parkway. Grading and drainage plans will also be required for the existing drainage basins along Goodyear Blvd if improvements are to relocate the existing onsite basins which currently provide storage of the offsite drainage along the Goodyear Blvd frontage. The offsite drainage conveyance, routing and storage shall utilize the City of Goodyear drainage design requirements as well as Maricopa County.

Required Staff

1. **Consultant:** Zach Schmidt, Kimley-Horn;

Deliverables

1. Offsite Drainage routing and storage for Harrison Street and Estrella Parkway, 24”x36”.
2. Offsite Drainage routing and storage for Goodyear Blvd, 24”x36”.

TASK 3.12 OFFSITE STREET LIGHTING PLANS – HARRISON STREET

The Consultant shall provide offsite electrical plans for street lighting along the north side of Harrison Street. Electrical service will be coordinated with APS and street light guidelines and standards will adhere to the City of Goodyear for Harrison.

Required Staff

1. **Consultant:** Michael Colombo, Kimley-Horn;

Deliverables

1. Offsite street lighting plans for Harrison Street, 24”x36”.

TASK 3.13 OFFSITE TRAFFIC SIGNAL PLANS – HARRISON STREET & ESTRELLA PARKWAY

a. Kimley-Horn will design a new traffic signal for the intersection of Estrella Parkway and Harrison Street.

b. Kimley-Horn will design traffic signals in accordance with applicable City of Goodyear Standards and Specifications

c. Kimley-Horn will perform a site visit and document to existing equipment and conditions related to the existing conditions.

d. Kimley-Horn will coordinate traffic signal design with Arizona Public Service (APS) to define a power source to serve the new traffic signal at Harrison Street.

e. Kimley-Horn traffic signal design will consist of a fiber connection from the new controller and cabinet at Harrison Street to the City's Fiber backbone design. ITS conduit and fiber backbone design is not included and assumed to be designed by the City.

f. Kimley-Horn will provide a signal design layout showing poles, arms, and controller locations at the 30% plan stage. The 30% layout will be provided on a single Traffic Signal Layout Sheet.

g. Kimley-Horn will provide a full traffic signal plan set 60%. The signal plans shall be produced at a 1" = 20' scale and include the following sheets:

1. General Traffic Signal Notes and Legend Sheet (1 Sheet)
2. Harrison Street Traffic Signal Layout Sheet (1 Sheet)
3. Harrison Street Pole Schedule Sheet (1 Sheet)
4. Harrison Street Conductor Schedule Sheet (1 Sheet)

Required Staff

1. **Consultant:** Kim Carroll, Kimley-Horn;

Deliverables

1. Offsite traffic signal plans for Harrison Street & Estrella Parkway, 24"x36".

TASK 3.14 OFFSITE TRAFFIC SIGNAL RELOCATION PLANS – GOODYEAR BLVD & ESTRELLA PRKWY INTERSECTION

a. Kimley-Horn will design for improvements to the existing traffic signal at the intersection of Goodyear Parkway and Estrella Parkway. Widening along the west side of Estrella Parkway is expected to impact the signal poles, conduit, pull boxes, controller/cabinet, and service.

b. Kimley-Horn will design traffic signals in accordance with applicable City of Goodyear Standards and Specifications

c. Kimley-Horn will perform a site visit and document to existing equipment and conditions related to the existing conditions.

d. Kimley-Horn will coordinate traffic signal design with Arizona Public Service (APS) to define the existing power source and improvements to service at Goodyear Boulevard.

e. Kimley-Horn traffic signal design will consist of a re-establishing the fiber connection from the new controller and cabinet at Goodyear Boulevard to the City's Fiber backbone design. ITS conduit and fiber backbone design is not included and assumed to be designed by the City.

f. Kimley-Horn will provide a signal design layout showing poles, arms, and controller locations at the 30% plan stage. The 30% layout will be provided on a single Traffic Signal Layout Sheet.

g. Kimley-Horn will provide a full traffic signal plan set 60%. The signal plans shall be produced at a 1" = 20' scale and include the following sheets:

1. General Traffic Signal Notes and Legend Sheet (1 Sheet)
2. Goodyear Parkway Traffic Signal Removal Sheet (1 Sheet)
3. Goodyear Parkway Traffic Signal Layout Sheet (1 Sheet)
4. Goodyear Parkway Pole Schedule Sheet (1 Sheet)
5. Goodyear Parkway Conductor Schedule Sheet (1 Sheet)

Required Staff

1. **Consultant:** Kim Carroll, Kimley-Horn;

Deliverables

1. Offsite traffic signal relocation plans for Goodyear Blvd & Estrella Parkway, 24”x36”.

TASK 3.15 OFFSITE SANITARY SEWER TAP AND SERVICE

The Consultant will evaluate the viability for sanitary sewer mainline connection from Sherman/Goodyear Blvd as well as Estrella Parkway. The Consultant will also coordinate with the new sanitary sewer that has been designed as part of the private development mixed use project north of Harrison to determine a potential sanitary sewer tie-in for the recreation center building and the aquatics facility. Existing as-built information will be reviewed. If potholing is required, the Consultant will provide test hole locations for the CMAR to perform potholing activities in the field to verify vertical depth and horizontal location.

This task includes required sheet preparation for the onsite sewer plans. Plans will be prepared at 20 scale.

Required Staff

1. **Consultant:** Robert Lyons, Kimley-Horn;

Deliverables

1. Offsite sanitary sewer plans, 24”x36” which will be included in Tasks 3.36, 3.37, and 3.38.

TASK 3.16 OFFSITE WATER TAPS FIRE, DOMESTIC AND IRRIGATION

The Consultant shall provide offsite water plans including tapping and construction of water line within the City of Goodyear right-of-way. The plans shall include domestic water service taps and meters to serve the recreation center and aquatics facility, standalone restroom buildings (up to three), fire protection and fire hydrants as required by the City and irrigation main line for the park. If potholing is required, the Consultant will provide test hole locations for the CMAR to perform potholing activities in the field to verify vertical depth and horizontal location.

Required Staff

1. **Consultant:** Robert Lyons, Kimley-Horn;

Deliverables

1. Offsite domestic water, fire and irrigation plans, 24”x36” which will be included in Tasks 3.36, 3.37, and 3.38.

TASK 3.17 OFFSITE DETAILS PLANS

The Consultant shall provide details for water, sewer, pavement and drainage details based on the offsite improvements along Harrison Street and Estrella Blvd. Water and Sanitary sewer details shall be provided for all wet utility improvements located within the City of Goodyear right of way.

Required Staff

1. **Consultant:** Robert Lyons, Zach Schmidt, Kim Carroll, Mike Colombo, Kimley-Horn;

Deliverables

1. Offsite improvement details plan, 24”x36” which will be included in Tasks 3.36, 3.37, and 3.38.

TASK 3.18 ONSITE DEMOLITION PLANS

The Consultant shall provide onsite demolition plans for the proposed project site improvements.

Required Staff

1. **Consultant:** Robert Lyons, Kimley-Horn;

Deliverables

1. Onsite demolition plans, 24”x36” and enlargements as necessary to convey design intent.

TASK 3.19 ONSITE PAVING PLANS

The Consultant shall prepare onsite paving plans for the park site, including parking lot and interior circulation drives. The consultant shall include turning template exercises based on the City of Goodyear design vehicles for fire and garbage trucks. Plans shall include pavement sections as per the recommendations determined by the geotechnical engineer in the geotechnical report.

Required Staff

1. **Consultant:** Sean Wozny, Kimley-Horn;

Deliverables

1. Onsite paving plans, 24”x36”.

TASK 3.20 HARDSCAPE PLANS – PARK SITE

The Consultant shall prepare onsite hardscape plans for the park site. The schematic design shall build upon the approved master plan and site plan. Hardscape areas include the plaza area, stage area, sport court area, and baseball field plaza. Hardscape plans shall include treatments, materials and layout. The hardscape plans shall accommodate the proposed amenities identified in the master plan. The project team will work together to determine materials, layout and site furnishing types and locations.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Onsite hardscape plans for the park site, 24”x36” and enlargements as necessary to convey design intent.

TASK 3.21 HARDSCAPE PLANS – RECREATION CENTER BUILDING

The Consultant shall prepare onsite hardscape plans for the recreation center site. The design development shall build upon the approved master plan and site plan. Hardscape areas include the upper plaza area and tie-in with the recreation center building. Hardscape plans shall include treatments, materials and layout. The hardscape plans shall accommodate the proposed amenities as per the preliminary site plan process. The project team will work together to determine materials, layout and site furnishing types and locations.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Onsite hardscape plans for the recreation center building, 24”x36” and enlargements as necessary to convey design intent.

TASK 3.22 HARDSCAPE PLANS – AQUATIC FACILITY

The Consultant shall prepare onsite hardscape plans for the aquatic facility site. The schematic design shall build upon the approved master plan and site plan. Hardscape areas include the aquatic deck area and tie-in with the recreation center building. Hardscape plans shall include treatments, materials and layout. The hardscape plans shall accommodate the proposed amenities as per the preliminary site plan process. The project team will work together to determine materials, layout and site furnishing types and locations.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Onsite hardscape plans for the aquatic facility, 24”x36”.

TASK 3.23 HARDSCAPE PLAZA ENLARGEMENT PLAN

The Consultant shall prepare onsite hardscape enlargement plans for the plaza area to detail the design, treatments and materials. The schematic design shall build upon the approved preliminary site plan approval. The hardscape plans shall accommodate the proposed amenities identified as per the preliminary site plan process. The project team will work together to determine materials, layout and site furnishing types and locations.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Onsite hardscape enlargement plans for the plaza areas, 24”x36”.

TASK 3.24 HARDSCAPE GROUP RAMADA ENLARGEMENT PLAN

The Consultant shall prepare onsite hardscape enlargement plans for the group ramada area to detail the design, treatments and materials. The schematic design shall build upon the approved preliminary site plan approval. The hardscape plans shall accommodate the proposed amenities identified as per the preliminary site plan process. The project team will work together to determine materials, layout and site furnishing types and locations.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Onsite hardscape enlargement plans for the group ramada area, 24”x36”.

TASK 3.25 PLAYGROUND ENLARGEMENT PLAN

The Consultant shall prepare the playground enlargement plans to detail the design, treatments, layout and materials. The plan shall include playground equipment and shade treatment locations and identify safety fall zone areas and ADA access. The schematic design shall build upon the approved preliminary site plan approval. The project team will work together to determine materials, layout and site furnishing types and locations.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Onsite playground enlargement plans, 24”x36”.

TASK 3.26 HARDSCAPE DETAIL PLANS

The Consultant shall prepare hardscape detail plans to provide construction details for the plaza areas, recreation center, aquatics facility, playground area, group ramada, sport courts, sand volleyball, and multi-use pathway.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Hardscape detail plans for park site, recreation center and aquatics facility, 24”x36”.

TASK 3.27 STRUCTURAL DETAILS – HARDSCAPE AREAS

The Consultant shall prepare structural detail plans for the seat walls, site walls and retaining walls throughout the park site and hardscape treatment areas.

Required Staff

1. **Consultant:** Brett Stroup, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Structural detail plans for park site, recreation center and aquatics facility, 24”x36”.

TASK 3.28 LANDSCAPE PLANS

The Consultant shall prepare landscape plans for the onsite park site, recreation center and aquatics facility. The team will work with the City to develop the initial plant palette.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Landscape plans for park site, recreation center and aquatics facility, 24”x36”.

TASK 3.29 LANDSCAPE DETAIL PLANS

The Consultant shall prepare landscape detail plans for the onsite park site, recreation center and aquatics facility.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Landscape details for park site, recreation center and aquatics facility, 24”x36”.

TASK 3.30 GRADING AND DRAINAGE PLANS

The Consultant shall provide a grading and drainage plan utilizing the approved master plan. The grading and drainage plan shall include contours and initial big picture site grading and drainage for the park area.

Required Staff

1. **Consultant:** Sean Wozny, Zach Schmidt, Kimley-Horn;

Deliverables

1. Grading and Drainage Plans for park site, 24”x36”.

TASK 3.31 FIELD DRAINAGE PLANS

The Consultant shall provide subterranean field drainage design for the rectangular fields and the baseball fields. Plans shall include field drainage layout, drainage details and invert information. Surface drainage w/ spot grades at 25’ both ways on all fields. Anticipate laser leveling of fields by the contractor.

Required Staff

1. **Consultant:** Sean Wozny, Zach Schmidt, Kimley-Horn;

Deliverables

1. Field Drainage Plans for park site, 24”x36” with enlargements for design clarification.

TASK 3.32 GRADING AND DRAINAGE PLANS FOR RECREATION CENTER

The Consultant shall provide a grading and drainage plans for the recreation center. The grading and drainage plan shall include contours and initial spot information for the building and surrounding plaza area.

Required Staff

1. **Consultant:** Sean Wozny, Zach Schmidt, Kimley-Horn;

Deliverables

1. Grading and Drainage Plans for recreation center site, 24”x36”.

TASK 3.33 GRADING AND DRAINAGE PLANS FOR AQUATICS FACILITY

The Consultant shall provide a grading and drainage plans for the aquatics facility. The grading and drainage plan shall include contours and initial spot information for the building and surrounding plaza area and conform to Maricopa County and Industry standards for aquatic facilities.

Required Staff

1. **Consultant:** Sean Wozny, Zach Schmidt, Kimley-Horn;

Deliverables

1. Grading and Drainage Plans for aquatics facility, 24”x36”.

TASK 3.34 GRADING AND DRAINAGE ENLARGEMENT PLANS

The Consultant shall prepare onsite grading and drainage enlargement plans for the plaza area, group ramada area, baseball plaza area, sport court and sand volleyball court areas, and stage area. Enlargement plans to include detailed spot and slope information to address fine grading and ensure ADA routing is achieved.

Required Staff

1. **Consultant:** Sean Wozny, Zach Schmidt, Kimley-Horn;

Deliverables

1. Grading and Drainage enlargement plans, 24”x36”.

TASK 3.35 GRADING AND DRAINAGE DETAIL PLANS

The Consultant shall prepare grading and drainage detail plans to provide construction details for drainage conveyance and improvements throughout the park, recreation center and aquatics facility. Details include, but not limited to: storm drain, scuppers, culverts, catch basins, and dry wells.

Required Staff

1. **Consultant:** Sean Wozny, Zach Schmidt, Kimley-Horn;

Deliverables

1. Grading and Drainage detail plans, 24”x36”.

TASK 3.36 ONSITE WATER PLANS

The Consultant shall prepare onsite domestic water plans to provide water service to the proposed recreation center, aquatics facility, standalone restroom buildings (up to three), drinking fountains, fire lines, fire hydrants and irrigation. The water sizing, layout and design shall adhere to the City of Goodyear design standards and details as well as MAG standards and specifications.

Required Staff

1. **Consultant:** Robert Lyons, Kimley-Horn;

Deliverables

1. Onsite water line plans, 24”x36”.

TASK 3.37 ONSITE SANITARY SEWER PLANS

The Consultant shall prepare onsite sanitary sewer plans to provide gravity sewer service from the proposed recreation center, aquatics facility, and standalone restroom buildings (up to three). The sanitary sewer sizing, layout and design shall adhere to the City of Goodyear design standards and details as well as MAG standards and specifications.

Required Staff

1. **Consultant:** Robert Lyons, Kimley-Horn;

Deliverables

1. Onsite sanitary sewer plans, 24”x36”.

TASK 3.38 ONSITE WATER AND SANITARY SEWER DETAIL PLANS

The Consultant shall prepare water and sanitary sewer detail plans including water service conections, backflow assemblies and cages, water pipe, trenching and fittings as well as sanitary sewer service cleanouts, manholes, and fittings. The sanitary sewer sizing, layout and design shall adhere to the City of Goodyear design standards and details as well as MAG standards and specifications.

Required Staff

1. **Consultant:** Robert Lyons, Kimley-Horn;

Deliverables

1. Onsite water and sanitary sewer detail plans, 24”x36”.

TASK 3.39 RAMADA PLANS STRUCTURAL DETAILS

The Consultant shall prepare structural footing and detail plans for ramada and shade structures located within the onsite park area. The design team shall work with the City to determine ramada locations and manufacture types prior to structural footing and detail design and shall be part of the City of Goodyear building safety plans review and permit.

Required Staff

1. **Consultant:** Brett Stroup, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Ramada Plans and Structural Details for the onsite park area, 24”x36”.

TASK 3.40 SITE ELECTRICAL PLANS - SPORTS FIELD LIGHTING PLANS

The Consultant will prepare electrical and lighting engineering design plans, specifications and estimates to include the following:
Sports field lighting for 2 baseball fields, 2 rectangular multi-use fields, pathway and site security and accent lighting, playground area lighting Parking lot lighting, power feed and site lighting for the maintenance yard area, irrigation pumping systems, monument sign power/lighting, electrical

convenience outlets, scoreboard power, and other site power distribution.
Engineering plans will include all equipment and lighting locations, preliminary conduit routing locations, lighting and equipment installation details, preliminary calculations, preliminary specifications and cost estimates and shall be part of the City of Goodyear building safety plans review and permit.

Required Staff

1. **Consultant:** Michael Colombo, Kimley-Horn

Deliverables

1. Site Electrical Plans for the onsite park area, 24”x36”.

TASK 3.41 SITE ELECTRICAL DETAIL PLANS

The Consultant will prepare electrical detail plans for the park site lighting and sports field lighting areas. Details to include pole, fixture types, concrete pole bases with structural calculations and shall be part of the City of Goodyear building safety plans review and permit.

Required Staff

1. **Consultant:** Michael Colombo, Kimley-Horn

Deliverables

1. Site Electrical Plans for the onsite park area, 24”x36”.

TASK 3.42 MECHANICAL PLANS AND DETAILS

The Consultant will prepare mechanical plans for the recreation building and the two restroom facilities. The plans will include equipment, duct work design, mechanical details and controls. Includes meeting with the Client and coordination with the architect and design disciplines. Included are specifications and opinion of probable cost and shall be part of the City of Goodyear building safety plans review and permit.

Required Staff

1. **Consultant:** Peter Syntax, Ali Mahmood, Kimley-Horn

Deliverables

1. Mechanical Plans for the recreation building and restrooms, 24”x36”.

TASK 3.43 PLUMBING PLANS AND DETAILS

The Consultant will prepare plumbing plans for the recreation building and the two restroom facilities. The plans will include equipment, plumbing loads, construction drawings for the water, sewer, storm drain, and gas. Included are specifications and opinion of probable cost and shall be part of the City of Goodyear building safety plans review and permit.

Required Staff

1. **Consultant:** Peter Syntax, Ali Mahmood, Kimley-Horn

Deliverables

1. Plumbing Plans for the recreation building and restrooms, 24”x36”.

TASK 3.44 ELECTRICAL PLANS AND DETAILS

The Consultant will prepare electrical plans for the recreation building and the two restroom facilities. Power and lighting plans for the facilities includes load analysis, electrical equipment layout, service sizes, single line diagram, lighting design for interior and building mounted lighting, and coordination with the architect and City. Included are specifications and opinion of probable cost and shall be part of the City of Goodyear building safety plans review and permit.

Required Staff

1. **Consultant:** Peter Syntax, Bill Bradshaw, Kimley-Horn

Deliverables

1. Electrical Plans and Details for the recreation building and two restrooms, 24”x36”.

TASK 3.45 MAINTENANCE YARD PLANS

The Consultant will prepare maintenance yard layout plans. The Consultant shall work with the Project team and City staff to program the maintenance yard for phase 1 build out and look at phase 2 expansion foot prints to insure operation and maintenance needs are met and achieved for the City. The plans shall include paving materials, bin locations, fertilizer location area, material placement, equipment placement and maintenance building (by DWL) integration as well as wall design and gate access design.

Required Staff

1. **Consultant:** Marissa Pellegrini, , Kimley-Horn;

Deliverables

1. Maintenance Yard Plans, 24”x36”.

TASK 3.46 SIGNAGE AND WAY-FINDING PLANS

The Consultant shall work with the City to provide monument signage and way-finding signage development. The signage shall build upon a design theme and provide a hierarchy of information as people utilize and circulate through the park area. The Consultant shall work with the design team and project Artist to collaborate to incorporate project theming into the monument and wayfinding design.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Signage and Way-Finding Plans, 24”x36”.

TASK 3.47 PROJECT SPECIFICATIONS

The Consultant shall work with the City to provide project specifications for the park, recreation center and aquatics site work. Specifications shall utilize CSI format and incorporate Goodyear standards as required.

Required Staff

1. **Consultant:** Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Project Specifications, 8 ½" x 11".

TASK 3.48 PROJECT QUANITIES

The Consultant shall provide engineering quantities for the park site improvements, recreation center and aquatics facility site work. Quantity takeoffs will be based off CAD design line work and will be provided to the City for verification of CMAR quantities. The Consultant design team shall internally coordinate project quantities as a team and coordinate with the City and the project CMAR during GMP development.

Required Staff

1. **Consultant:** Sean Wozny, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Tabulated plan quantities list, 8 ½" x 11".

TASK 3.49 PLAN SUBMITTAL

The Consultant shall work with the City of Goodyear to provide milestone plan submittals at 30%, 60%, 95% and Final Permitting plans. Submittals shall be provided in PDF and hardcopy format for the City. All required submittal fees shall be the responsibility of the City of Goodyear and will be reimbursable expenses for the Consultant through the identified project allowances as part of this scope and fee.

Required Staff

1. **Consultant:** Sean Wozny, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Milestone Plan submittal, pdf and hardcopy format.

TASK 3.50 COMMENT RESOLUTION MEETING

The Consultant will compile all City and Agency comment and conduct comment resolution meetings with the City project team at each submittal milestone; 30%, 60%, 95% and Final Permitting plans. The comment resolution meeting will provide an opportunity for the design and project team to go through the City and Agency comments to determine final direction for addressing the comment.

Required Staff

1. **Consultant:** Sean Wozny, Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Compiled comment resolution document with initial and final comment direction responses.

TASK 3.51 UTILITY COORDINATION SUBMITTALS

The Consultant shall provide utility providers that have utility facilities within the project area plans for review at each submittal milestone; 30%, 60%, 95% and Final Permitting plans. A utility clearance letter will be required from all utility providers with utilities within the project area. Once final plans have been completed, the Consultant shall submit water, sanitary sewer and irrigation plans to Maricopa County environmental services (MCESD) to complete the Approval to Construct permit application. All non-City agency and City required submittal fees shall be the responsibility of the City of Goodyear and have been included as allowances as part of the project scope of work. The utility conflict review submittals shall occur at the milestone submittals for 30%, 60%, 95% and 100% with reproduction cost as part of the Consultant reimbursable expense.

Required Staff

1. **Consultant:** Robert Lyons, Kimley-Horn;

Deliverables

1. Utility agency plan submittals
2. Utility clearance letters
3. MCESD ATC Permit Submittal (Final Permit Plans)

TASK 3.52 CMAR GMP DEVELOPMENT COORDINATION MEETING

The Consultant will meet with the City and the CMAR to answer questions, receive constructability comments and clarify the current submittal design package as the contractor is developing cost estimating models and the project GMP. CMAR will be reviewing documents, providing cost input at all submittal levels, CMAR Design input is desired to keep project cost inline and avoid scope creep

Required Staff

1. **Consultant:** Sean Wozny, Jeff Kratzke, Marissa Pellegrini, Kimley-Horn;

Deliverables

1. Meeting Minutes

TASK 4.0 CONSTRUCTION DOCUMENTS (95% PLANS)

The following tasks will be completed based on City and Agency input and design review comments as plans transition from design development (60% Plans) to construction documents (95% Plans). The following tasks have been identified for Task 4.0. Plans will continue to be developed and refined with input from the design and project team as well as constructability review input and GMP development from the CMAR.

4.1 Cover Sheet per COG Stds/ General Notes / Key Map / COG Std Notes (Two Permit packages for City - Building Safety Set and Civil Engineering Set)
4.2 Site Plan
4.3 Offsite Removals Plan - Harrison Street & Estrella Parkway
4.4 Offsite Geometric Plan - Harrison Street & Estrella Parkway
4.5 Offsite Paving Plan & Profile Harrison Street & Estrella Parkway
4.6 Offiste Signing and Striping Plan Harrison Street & Estrella Parkway
4.7 Offiste Grading and Drainage Plans
4.8 Offsite Street Lighting Plans - Harrison Street
4.9 Offiste Signal Plan Estrella Parkway & Harrison Street
4.10 Offsite Signal Relocation Plans Estrella Parkway and Goodyear Blvd.
4.11 Offsite Sanitary Sewer Plan
4.12 Offsite Potable Water and Fire Plans
4.13 Offsite Detail Plans
4.14 Onsite Demolition Plans
4.15 Onsite Paving Plans
4.16 Hardscape Plans
4.17 Hardscape Recreation Center Plans
4.18 Hardscape Aquatics Facility Plans
4.19 Hardscape Enlargement Plan - Plaza Area
4.20 Hardscape Enlargement Plan - Group Ramada
4.21 Playground Enlargement Plan
4.22 Hardscape Details
4.23 Structural Details - Hardscape Areas
4.24 Landscape Plans
4.25 Landscape Details
4.26 Grading & Drainage Plans Park
4.27 Field Drainage Plans
4.28 Grading & Drainage Recreation Center Plans
4.29 Grading & Drainage Aquatic Facility Plans
4.30 Grading & Drainage Enlargement Plans
4.31 Grading & Drainage Detail Plans
4.32 Storm Water Pollution Prevention Plans & Details
4.33 Onsite Water Plans

4.34 Onsite Sanitary Sewer Plans
4.35 Onsite Water & Sewer Details
4.36 Ramada Plans - Structural
4.37 Site Electrical Plans - Site Lighting and Sports Field Lighting
4.38 Site Electrical Details
4.39 Building Mechanical Plans and Details
4.40 Building Plumbing Plans and Details
4.41 Building Electrical Plans and Details
4.42 Maintenance Building and Yard Plans
4.43 Signage and Way-Findings Plans
4.44 Project Specifications
4.45 Project Quantities & Coordination with CMAR
4.46 Plan Submittal
4.47 Comment Resolution Meeting
4.48 Utility Coordination Submittals
4.49 CMAR GMP Coordination Meetings

2.

TASK 5.0 FINAL PERMITS (100% PLANS)

The following tasks will be completed based on City and Agency input and design review comments as plans transition from Construction Documents (95% Plans) to Final Permit (100% Plans). The following tasks have been identified for Task 5.0. Plans will continue to be developed and refined with input from the design and project team as well as constructability review input and GMP development from the CMAR.

5.1 Cover Sheet per COG Stds/ General Notes / Key Map / COG Std Notes (Two Permit packages for City - Building Safety Set and Civil Engineering Set)
5.2 Site Plan
5.3 Offsite Removals Plan - Harrison Street & Estrella Parkway
5.4 Offsite Geometric Plan - Harrison Street & Estrella Parkway
5.5 Offsite Paving Plan & Profile Harrison Street & Estrella Parkway
5.6 Offiste Signing and Striping Plan Harrison Street & Estrella Parkway
5.7 Offiste Grading and Drainage Plans
5.8 Offsite Street Lighting Plans - Harrison Street
5.9 Offiste Signal Plan Estrella Parkway & Harrison Street
5.10 Offsite Signal Relocation Plans Estrella Parkway and Goodyear Blvd.
5.11 Offsite Sanitary Sewer Plan
5.12 Offsite Potable Water and Fire Plans
5.13 Offsite Detail Plans
5.14 Onsite Demolition Plans
5.15 Onsite Paving Plans

5.16 Hardscape Plans
5.17 Hardscape Recreation Center Plans
5.18 Hardscape Aquatics Facility Plans
5.19 Hardscape Enlargement Plan - Plaza Area
5.20 Hardscape Enlargement Plan - Group Ramada
5.21 Playground Enlargement Plan
5.22 Hardscape Details
5.23 Structural Details - Hardscape Areas
5.24 Landscape Plans
5.25 Landscape Details
5.26 Grading & Drainage Plans Park
5.27 Field Drainage Plans
5.28 Grading & Drainage Recreation Center Plans
5.29 Grading & Drainage Aquatic Facility Plans
5.30 Grading & Drainage Enlargement Plans
5.31 Grading & Drainage Detail Plans
5.32 Storm Water Pollution Prevention Plans
5.33 Onsite Water Plans
5.34 Onsite Sanitary Sewer Plans
5.35 Onsite Water & Sewer Details
5.36 Ramada Plans - Structural
5.37 Site Electrical Plans - Site Lighting and Sports Field Lighting
5.38 Site Electrical Details
5.39 Building Mechanical Plans and Details
5.40 Building Plumbing Plans and Details
5.41 Building Electrical Plans and Details
5.42 Maintenance Yard Plans
5.43 Signage and Way-Findings Plans
5.44 Horizontal Control and Layout Plans Park / Recreation Center / Aquatics
5.45 Project Specifications
5.46 Project Quantities
5.47 Plan Submittal
5.48 Comment Resolution Meeting
5.49 Utility Clearance Letter
5.50 Utility Approval to Construct Submittal to MCESD
5.51 CMAR GMP Coordination Meeting

Exclusions:

The following design services are not currently included with this scope of work at this time, but can be added if required.

- Native Plant Inventory
- Environmental Services
- Construction Administrations
- Construction inspections
- Materials Testing
- Construction Staking
- Cost Estimating

Allowances:

The following project allowances have been allocated, however will not be utilizes without approval from the City of Goodyear.

The allowances identified shall provide the Consultant coverage for special meetings, design charrettes, Hudson Commons coordination meetings, utility coordination meetings, Non-City of Goodyear review and permit fees such as Maricopa County, AZ State Dept., and additional plans and specifications documents. RID permit fees shall be excluded from this list and shall be paid by the City of Goodyear.

1. Allowance No. 1 – 30 Acre Community Park Allowance - $20,000.
2. Allowance No. 2 – Recreation Center Allowance - $10,000.
3. Allowance No. 3 – Aquatic Center Allowance - $10,000.
4. Allowance No. 4 - Harrison Street Allowance - $12,000.
5. Allowance No. 5 – Estrella Allowance - $6,000.
6. RID Additional Coordination Meetings - $25,000

CITY OF GOODYEAR - RECREATION CAMPUS PHASE 1 FINAL DESIGN

	Kimley-Horn									
	Project Manager	Sr. Landscape Architect	Landscape Architect	Sr. Engineer	Engineer	Designer	Analyst	Tech / Drafter	Admin / Clerical	Total
	$200.00	$180.00	$160.00	$185.00	$175.00	$145.00	$105.00	$95.00	$75.00	
Park Site w/ Recreation Center and Aquatics Facility Final Design										
Task 1.0 Project Initiation / Meetings										
1.1 Project Design Kick-off Meeting	3	3	3	3					3	$ 2,400
1.2 Project Design Meeting (Bi-Weekly) (22 Meetings at 3 Hours)	66	33	66	33	33				66	$ 46,530
1.3 Design Charette Meetings (4 Meetings)	12	12	12	12					12	$ 9,600
1.4 Utility Coordination										$ -
1.4.1 Utility Coordination Meetings (4 Meetings)	12			20					8	$ 6,700
1.4.2 Individual Utility Coordination Meetings (8 Meetings)	24			40					8	$ 12,800
1.4.3 Utility Bluestake Design Ticket Request and Mapping						2			8	$ 890
1.4.4 Existing Utility Base Mapping					2	8		16	8	$ 3,630
1.4.5 Development of Utility Pothole List (CMAR to Pothole)					2	4		12		$ 2,070
1.4.6 Utility Special Provisions				4		8	12		8	$ 3,760
1.4.7 Utility Coordination General Communications (2 hrs/month x 10 Months)				20					8	$ 4,300
1.5 PRAC Meetings - Project Update (3 Meetings and Presentation Prep)	12		12						8	$ 4,920
1.6 HOA Meetings - Project Update (3 Meetings and Presentation Prep)	12		12						8	$ 4,920
1.7 City Council Meetings - Project Update (2 Meetings and Presentation Prep)	10		10						8	$ 4,200
1.8 Project Management (4 hours a week for 50 Weeks)	200									$ 40,000
Subtotal Hours	**351**	**48**	**115**	**132**	**37**	**22**	**12**	**28**	**153**	**898**
Subtotal Dollars	**$ 70,200**	**$ 8,640**	**$ 18,400**	**$ 24,420**	**$ 6,475**	**$ 3,190**	**$ 1,260**	**$ 2,660**	**$ 11,475**	**$ 146,720**
Task 2.0 Schematic Design (30% Plans)										
2.1 Traffic Impact Analysis - Preliminary Draft Report				20	50		100		24	$ 24,750
2.2 Drainage Report - Preliminary Draft Report										$ -
2.2.1 Delineation of Onsite Drainage Areas				2		4	16			$ 2,630
2.2.2 Delineation of Offsite Drainage Areas (Harrison Street, Estrella Blvd, Goodyear Blvd / Sherman Street)				2		2	8			$ 1,500
2.2.3 Offsite Drainage Routing and Storage				2		2	8			$ 1,500
2.2.4 Onsite / Offsite Drainage Modeling				2		2	8			$ 1,500
2.2.5 Onsite / Offsite Drainage Routing and Storage Exhibit				2		2	12			$ 1,920
2.2.6 Flow Paths				2		2	6			$ 1,290
2.2.7 Rational Method Calculations				2		10	20			$ 3,920
2.2.8 Volumetric Calculations				2		16	30			$ 5,840
2.2.9 Inlet Hydraulics				2		8	6			$ 2,160
2.2.10 Storm Drain Hydraulics				2		8	15			$ 3,105
2.2.11 Drainage Report Exhibits				2		8	25			$ 4,155
2.2.12 Draft Drainage Report				2		16	30			$ 5,840
2.3 Sanitary Sewer Basis of Design Preliminary Report				4	8	12	24			$ 6,400
2.4 Potable Water Basis of Design Preliminary Report				4	8	12	24			$ 6,400
2.5 Cover Sheet / General Notes / Key Map						2		8		$ 1,050
2.6 Site Plan		2	4	4				12		$ 2,880
2.7 Offsite Removals Plan - Harrison Street & Estrella Parkway				1	3	5	12			$ 2,695
2.8 Offsite Geometric Plan - Harrison Street, 158th Avenue, & Estrella Parkway				2	6		10			$ 2,470
2.9 Offsite Paving Plan & Profile -Harrison Street, 158th Avenue, & Estrella Parkway (13 shts)										$ -
2.9.1 Offsite Paving & Profile - Typical Sheets (2 shts)	1			1	8		10			$ 2,835
2.9.1 Offsite Paving & Profile - Estrella Parkway (6 shts)	2			10	24		48			$ 11,490
2.9.2 Offsite Paving & Profile - Harrison Street (6 shts)	3			12	24		48			$ 12,060
2.9.3 Offsite Paving & Profile - 158th Avenue (1 sht)	1			2	4		8			$ 2,110
2.10 Offsite Signing and Striping Plan Harrison Street & Estrella Parkway (On Rdwy Shts)				8	16		40			$ 8,480
2.11 Offsite Grading and Drainage Plans					4	16		40		$ 6,820
2.12 Offsite Street Lighting Plans - Harrison Street				6			24			$ 3,630
2.13 Offsite Signal Plan Estrella Parkway & Harrison Street (Layoyut Sht Only)				1	8		15			$ 3,160
2.14 Offsite Signal Relocation Plans Estrella Parkway and Goodyear Blvd. (Layout Sht Only)				1	8		15			$ 3,160
2.15 Offsite Sanitary Sewer Plan				7	14	28		56		$ 13,125
2.16 Offsite Potable Water and Fire Plans				4	8	16		32		$ 7,500
2.17 Offsite Detail Plans					2	8		24		$ 3,790
2.18 Onsite Demolition Plans					2	4		16		$ 2,450
2.19 Onsite Paving Plans					2	4		16		$ 2,450
2.20 Hardscape Plans		2	16					32		$ 5,960
2.21 Hardscape Recreation Center Plans		2	4					8		$ 1,760
2.22 Hardscape Aquatics Facility Plans		2	4					8		$ 1,760
2.23 Hardscape Enlargement Plan - Plaza Area		2	4					12		$ 2,140
2.24 Hardscape Enlargement Plan - Group Ramada		3	4					10		$ 2,130
2.25 Playground Enlargement Plan		2	2					4		$ 1,060
2.26 Hardscape Details		2	2					10		$ 1,630
2.27 Structural Details - Hardscape Areas				4		8		12		$ 3,040
2.28 Landscape Plans		2	8					24		$ 3,920
2.29 Landscape Details		2	2					10		$ 1,630
2.30 Grading & Drainage Plans Park					16	40		80		$ 16,200
2.31 Field Drainage Plans					4	8		16		$ 3,380
2.32 Grading & Drainage Recreation Center Plans					4	8		16		$ 3,380
2.33 Grading & Drainage Aquatic Facility Plans					4	8		16		$ 3,380
2.34 Grading & Drainage Enlargement Plans					2	4		16		$ 2,450
2.35 Grading & Drainage Detail Plans					2	2		12		$ 1,780
2.36 Onsite Water Plans				4	10	20		40		$ 9,190

2.37 Onsite Sanitary Sewer Plans (Combined with Onsite Water)										$ -
2.38 Onsite Water & Sewer Details				4	8	16		32		$ 7,500
2.39 Ramada Plans - Structural				4		8		12		$ 3,040
2.40 Site Electrical Plans - Site Lighting and Sports Field Lighting				12	20		60			$ 12,020
2.41 Site Electrical Details				8			12			$ 2,740
2.42 Building Mechanical Plans and Details				20	20	40	40	40		$ 21,000
2.43 Building Plumbing Plans and Details				20			10			$ 4,750
2.44 Building Electrical Plans and Details				20	40	20	40	40		$ 21,600
2.45 Mainteance Yard Plans		2	8					4		$ 2,020
2.46 Signage and Way-Findings Plans		10	20					8		$ 5,760
2.47 Project Specifications		2	8	2	8					$ 3,410
2.48 Project Quanities			8				8			$ 2,120
2.49 Plan Submittal							8		8	$ 1,440
2.50 Comment Resolution Meeting	3	3	3	3						$ 2,175
2.51 Utility Coordination Submittals				2			8		8	$ 1,810
2.52 CMAR GMP Coordination Meeting	3	3								$ 1,140
Subtotal Hours	**13**	**41**	**97**	**214**	**337**	**369**	**748**	**666**	**40**	**2,525**
Subtotal Dollars	**$ 2,600**	**$ 7,380**	**$ 15,520**	**$ 39,590**	**$ 58,975**	**$ 53,505**	**$ 78,540**	**$ 63,270**	**$ 3,000**	**$ 322,380**
TASK 3.0 Design Development (60% Plans)										
3.1 Traffic Impact Analysis - Final Report				10	16		25		10	$ 8,025
3.2 Drainage Report - Final Report										$ -
3.2.1 Final Drainage Report				4		8	30			$ 5,050
3.3 Offsite Sanitary Sewer (cover, notes, details, 7 plan/profile sheets)				7	14	28		56		$ 13,125
3.4 Offsite Water (cover, notes, details, 4 plan/profile sheets)				4	8	16		32		$ 7,500
3.5 Cover Sheet / General Notes / Key Map								4		$ 380
3.6 Site Plan		2	4					8		$ 1,760
3.7 Offsite Removals Plan - Harrison Street & Estrella Parkway					3		6			$ 1,155
3.8 Offsite Geometric Plan - Harrison Street & Estrella Parkway					2					$ 350
3.9 Offsite Paving Plan & Profile Harrison Street & Estrella Parkway										$ -
3.9.1 Offsite Paving & Profile - Typical Sections (2 shts)	1			1	4		10			$ 2,135
3.9.1 Offsite Paving & Profile - Estrella Parkway (6 shts)	3			12	24		48			$ 12,060
3.9.2 Offsite Paving & Profile - Harrison Street (6 shts)	3			12	24		48			$ 12,060
3.9.3 Offsite Paving & Profile - 158th Avenue (1 sht)	1			2	4		8			$ 2,110
3.9.4 Offsite Paving & Profile - Sidewalk Ramp Details Harrison St & Goodyear Blvd (	2			2	8		16			$ 3,850
3.10 Pavement Marking and Signing Plans (8 shts-1 notes/legend, 7 plans)				20	40		80			$ 19,100
3.11 Offiste Grading and Drainage Plans					4	8		32		$ 4,900
3.12 Offsite Street Lighting Plans - Harrison Street				8			28			$ 4,420
3.13 Offiste Signal Plan Estrella Parkway & Harrison Street (4 shts)	2			10	20		40			$ 9,950
3.14 Offsite Signal Relocation Plans Estrella Parkway and Goodyear Blvd. (5 shts)	2			10	20		40			$ 9,950
3.15 Offsite Sanitary Sewer Tap and Service - included in Tasks 3.36, 3.37, and 3.38										$ -
3.16 Offiste Water Taps Fire, Dom., and Irr. - included in Tasks 3.36, 3.37, and 3.38										$ -
3.17 Offiste Details Plans - included in Tasks 3.36, 3.37, and 3.38										$ -
3.18 Onsite Demolition Plans					2	4		8		$ 1,690
3.19 Onsite Paving Plans					1	8		16		$ 2,855
3.20 Hardscape Plans		4	40					80		$ 14,720
3.21 Hardscape Recreation Center Plans		4	12					20		$ 4,540
3.22 Hardscape Aquatics Facility Plans		4	12					20		$ 4,540
3.23 Hardscape Enlargement Plan - Plaza Area		4	12					30		$ 5,490
3.24 Hardscape Enlargement Plan - Group Ramada		6	12					24		$ 5,280
3.25 Playground Enlargement Plan		2	6					10		$ 2,270
3.26 Hardscape Details		4	6					24		$ 3,960
3.27 Structural Details - Hardscape Areas				2		8		12		$ 2,670
3.28 Landscape Plans		2	20					60		$ 9,260
3.29 Landscape Details		4	6					24		$ 3,960
3.30 Grading & Drainage Plans Park					12	40		80		$ 15,500
3.31 Field Drainage Plans					2	4		16		$ 2,450
3.32 Grading & Drainage Recreation Center Plans					2	4		16		$ 2,450
3.33 Grading & Drainage Aquatic Facility Plans					2	4		16		$ 2,450
3.34 Grading & Drainage Enlargement Plans					2	4		16		$ 2,450
3.35 Grading & Drainage Detail Plans					2	2		12		$ 1,780
3.36 Onsite Water Plans				4	10	20		40		$ 9,190
3.37 Onsite Sanitary Sewer Plans (Combined with onsite water)										$ -
3.38 Onsite Water & Sewer Details				4	8	16		32		$ 7,500
3.39 Ramada Plans - Structural				2		8		12		$ 2,670
3.40 Site Electrical Plans - Site Lighting and Sports Field Lighting				30	20		60			$ 15,350
3.41 Site Electrical Details				10	20		30			$ 8,500
3.42 Building Mechanical Plans and Details				30	40	40	40	40		$ 26,350
3.43 Building Plumbing Plans and Details				20		40	40			$ 13,700
3.44 Building Electrical Plans and Details				40	40	40	40	40		$ 28,200
3.45 Mainteance Yard Plans		2	8					12		$ 2,780
3.46 Signage and Way-Findings Plans		10	20					20		$ 6,900
3.47 Project Specifications		2	16	20	4					$ 7,320
3.48 Project Quanities			8				8			$ 2,120
3.49 Plan Submittal							8			$ 840
3.50 Comment Resolution Meeting	3	3	3	3						$ 2,175
3.51 Utility Coordination Submittals				2			8			$ 1,210
3.52 CMAR GMP Coordination Meeting	3	3								$ 1,140
Subtotal Hours	**20**	**56**	**185**	**269**	**358**	**302**	**613**	**812**	**10**	**2,625**
Subtotal Dollars	**$ 4,000**	**$ 10,080**	**$ 29,600**	**$ 49,765**	**$ 62,650**	**$ 43,790**	**$ 64,365**	**$ 77,140**	**$ 750**	**$ 342,140**
TASK 4.0 Construction Documents (95% Plans)										
4.1 Cover Sheet / General Notes / Key Map								2		$ 190

4.2 Site Plan		1	2					4		$ 880
4.3 Offsite Removals Plan - Harrison Street & Estrella Parkway					1	3				$ 610
4.4 Offsite Geometric Plan - Harrison Street & Estrella Parkway					1					$ 175
4.5 Offsite Paving Plan & Profile Harrison Street & Estrella Parkway										$ -
4.5.1 Offsite Paving & Profile - Typical Sections (2 shts)					1		2			$ 385
4.5.2 Offsite Paving & Profile - Estrella Parkway (6 shts)	1			4	9		18			$ 4,405
4.5.3 Offsite Paving & Profile - Harrison Street (6 shts)	1			5	10		20			$ 4,975
4.5.4 Offsite Paving & Profile - 158th Avenue (1 sht)	1			1	2		4			$ 1,155
4.5.5 Offsite Paving & Profile - Sidewalk Ramp Details Harrison St & Goodyear Blvd (2 shts)				1	3		6			$ 1,340
4.6 Pavement Marking and Signing Plans (8 shts-1 notes/legend, 7 plans)	2			8	16		28			$ 7,620
4.7 Offiste Grading and Drainage Plans					4	8		24		$ 4,140
4.8 Offsite Street Lighting Plans - Harrison Street				2		6	12			$ 2,500
4.9 Offiste Signal Plan Estrella Parkway & Harrison Street (4 shts)	1			4	8		16			$ 4,020
4.10 Offsite Signal Relocation Plans Estrella Parkway and Goodyear Blvd. (5 shts)	1			4	8		16			$ 4,020
4.11 Offsite Sanitary Sewer (cover, notes, details, 7 plan/profile sheets)				7	14	28		56		$ 13,125
4.12 Offsite Water (cover, notes, details, 4 plan/profile sheets)				4	8	16		32		$ 7,500
4.13 Offsite Detail Plans					1	2		8		$ 1,225
4.14 Onsite Demolition Plans					1	4		8		$ 1,515
4.15 Onsite Paving Plans					1	8		16		$ 2,855
4.16 Hardscape Plans		2	20					40		$ 7,360
4.17 Hardscape Recreation Center Plans		2	6					10		$ 2,270
4.18 Hardscape Aquatics Facility Plans		2	6					10		$ 2,270
4.19 Hardscape Enlargement Plan - Plaza Area		2	6					12		$ 2,460
4.20 Hardscape Enlargement Plan - Group Ramada		4	6					12		$ 2,820
4.21 Playground Enlargement Plan		2	4					6		$ 1,570
4.22 Hardscape Details		2	4					12		$ 2,140
4.23 Structural Details - Hardscape Areas				2		8		12		$ 2,670
4.24 Landscape Plans		2	10					30		$ 4,810
4.25 Landscape Details		2	3					12		$ 1,980
4.26 Grading & Drainage Plans Park					2	12		80		$ 9,690
4.27 Field Drainage Plans					2	4		12		$ 2,070
4.28 Grading & Drainage Recreation Center Plans					2	4		16		$ 2,450
4.29 Grading & Drainage Aquatic Facility Plans					2	4		16		$ 2,450
4.30 Grading & Drainage Enlargement Plans					2	4		16		$ 2,450
4.31 Grading & Drainage Detail Plans					2	2		12		$ 1,780
4.32 Storm Water Pollution Prevention Plans & Details					2	4		24		$ 3,210
4.33 Onsite Water Plans				4	10	20		40		$ 9,190
4.34 Onsite Sanitary Sewer Plans (combined with onsite water)										$ -
4.35 Onsite Water & Sewer Details				4	8	16		32		$ 7,500
4.36 Ramada Plans - Structural				2		8		12		$ 2,670
4.37 Site Electrical Plans - Site Lighting and Sports Field Lighting				20	64		96			$ 24,980
4.38 Site Electrical Details				8	12		36			$ 7,360
4.39 Building Mechanical Plans and Details				60	80	80	80	80		$ 52,700
4.40 Building Plumbing Plans and Details				40		80	80			$ 27,400
4.41 Building Electrical Plans and Details				80	80	80	80	80		$ 56,400
4.42 Mainteance Yard Plans			4					6		$ 1,210
4.43 Signage and Way-Findings Plans		4	6					10		$ 2,630
4.44 Project Specifications		2	12	12	4					$ 5,200
4.45 Project Quanities			8				8			$ 2,120
4.46 Plan Submittal							8			$ 840
4.47 Comment Resolution Meeting	3	3	3	3						$ 2,175
4.48 Utility Coordination Submittals				2			8			$ 1,210
4.49 CMAR GMP Coordination Meeting	3	3								$ 1,140
Subtotal Hours	**13**	**33**	**100**	**277**	**360**	**401**	**518**	**742**	**-**	**2,444**
Subtotal Dollars	**$ 2,600**	**$ 5,940**	**$ 16,000**	**$ 51,245**	**$ 63,000**	**$ 58,145**	**$ 54,390**	**$ 70,490**	**$ -**	**$ 321,810**
TASK 5.0 Final Plans (100% Permit Set)										
5.1 Cover Sheet / General Notes / Key Map								2		$ 190
5.2 Site Plan		1	2					4		$ 880
5.3 Offsite Removals Plan - Harrison Street & Estrella Parkway						1				$ 145
5.4 Offsite Geometric Plan - Harrison Street & Estrella Parkway					1					$ 175
5.5 Offsite Paving Plan & Profile Harrison Street & Estrella Parkway										$ -
5.5.1 Offsite Paving & Profile - Typical Sections (2 shts)										$ -
5.5.2 Offsite Paving & Profile - Estrella Parkway (6 shts)	1			3	5		10			$ 2,680
5.5.3 Offsite Paving & Profile - Harrison Street (6 shts)	1			3	5		10			$ 2,680
5.5.4 Offsite Paving & Profile - 158th Avenue (1 sht)	1			1	1		2			$ 770
5.5.4 Offsite Paving & Profile - Sidewalk Ramp Details Harrison St & Goodyear Blvd (2 Shts)				1	2		4			$ 955
5.6 Pavement Marking and Signing Plans (8 shts-1 notes/legend, 7 plans)				2	5		10			$ 2,295
5.7 Offiste Grading and Drainage Plans					2	8		24		$ 3,790
5.8 Offsite Street Lighting Plans - Harrison Street				1		2	12			$ 1,735
5.9 Offiste Signal Plan Estrella Parkway & Harrison Street (4 shts)	1			1	4		8			$ 1,925
5.10 Offsite Signal Relocation Plans Estrella Parkway and Goodyear Blvd. (5 Shts).	1			1	4		8			$ 1,925
5.11 Offsite Sanitary Sewer Plan					1	4		8		$ 1,515
5.12 Offsite Potable Water and Fire Plans					1	4		8		$ 1,515
5.13 Offsite Detail Plans					1	2		8		$ 1,225
5.14 Onsite Demolition Plans					1	4		8		$ 1,515
5.15 Onsite Paving Plans					1	4		16		$ 2,275
5.16 Hardscape Plans		1	8					16		$ 2,980
5.17 Hardscape Recreation Center Plans		1	3					4		$ 1,040
5.18 Hardscape Aquatics Facility Plans		1	3					4		$ 1,040

5.19 Hardscape Enlargement Plan - Plaza Area		1	3					6		$ 1,230
5.20 Hardscape Enlargement Plan - Group Ramada		2	3					4		$ 1,220
5.21 Playground Enlargement Plan		1	1					2		$ 530
5.22 Hardscape Details		1	1					4		$ 720
5.23 Structural Details - Hardscape Areas				2		4		8		$ 1,710
5.24 Landscape Plans		1	4					12		$ 1,960
5.25 Landscape Details		1	1					4		$ 720
5.26 Grading & Drainage Plans Park					2	32		40		$ 8,790
5.27 Field Drainage Plans					2	4		16		$ 2,450
5.28 Grading & Drainage Recreation Center Plans					2	4		16		$ 2,450
5.29 Grading & Drainage Aquatic Facility Plans					2	4		16		$ 2,450
5.30 Grading & Drainage Enlargement Plans					2	4		16		$ 2,450
5.31 Grading & Drainage Detail Plans					1	2		8		$ 1,225
5.32 Storm Water Pollution Prevention Plans					1	2		16		$ 1,985
5.33 Onsite Water Plans				1	2	4		8		$ 1,875
5.34 Onsite Sanitary Sewer Plans (combined with onsite water)										$ -
5.35 Onsite Water & Sewer Details				1	2	3		6		$ 1,540
5.36 Ramada Plans - Structural				1		4		12		$ 1,905
5.37 Site Electrical Plans - Site Lighting and Sports Field Lighting				12	12		48			$ 9,360
5.38 Site Electrical Details				4			16			$ 2,420
5.39 Building Mechanical Plans and Details				10	12		40			$ 8,150
5.40 Building Plumbing Plans and Details				10	12		40			$ 8,150
5.41 Building Electrical Plans and Details				10	12		40			$ 8,150
5.42 Mainteance Yard Plans			2					4		$ 700
5.43 Signage and Way-Findings Plans			2					4		$ 700
5.44 Horizontal Control and Layout Plans Park / Recreation Center / Aquatics					2	4		12		$ 2,070
5.45 Project Specifications		2	8	2	8					$ 3,410
5.46 Project Quanities			8				8			$ 2,120
5.47 Plan Submittal							8			$ 840
5.48 Comment Resolution Meeting	3	3	3	3						$ 2,175
5.49 Utility Clearance Letter				2			4		8	$ 1,390
5.50 Utility Approval to Construct Submittal to MCESD				3		3		8	4	$ 2,050
5.51 CMAR GMP Coordination Meeting	3	3								$ 1,140
Subtotal Hours	**11**	**19**	**52**	**74**	**108**	**103**	**268**	**324**	**12**	**971**
Subtotal Dollars	**$ 2,200**	**$ 3,420**	**$ 8,320**	**$ 13,690**	**$ 18,900**	**$ 14,935**	**$ 28,140**	**$ 30,780**	**$ 900**	**$ 121,285**
TOTAL FINAL DESIGN HOURS	**408**	**197**	**549**	**966**	**1,200**	**1,197**	**2,159**	**2,572**	**215**	**9,463**
TOTAL KH DESIGN FEES - Park Site 30AC, Recreation Center & Aquatics, Harrison / Estrella Offsite Improvements	**$ 81,600**	**$ 35,460**	**$ 87,840**	**$ 178,710**	**$ 210,000**	**$ 173,565**	**$ 226,695**	**$ 244,340**	**$ 16,125**	**$ 1,254,335**

Sub-Consultants

Geotechnical Report - RAMM Engineering	$ 10,500
Additional Offsite Topo Survey - RLF	$ 4,000
Water Flow Test - E&J	$ 750
Irrigation - Aqua Engineering	$ 22,660
WTI - Aquatic Facility	$ 115,700
Architecture Recreation Center, Site Architecture and Park (DWL)	$ 626,851
Caruso Turley Scott (Structural Buildings)	$ 113,900
Creative Machines	$ 50,000
CCS - Audio Visual	$ 15,456
Apsen I2-Special Systems Ifrastructure	$ 49,183
Total Design Fee Phase 1 Park 30 AC, Recreation Center Building, Aquatics Facility, Harrison & Estrella Offsite Improvements including all Sub-Consultants	**$ 2,263,335**

Expenses

KH	$ 17,500
DWL	$ 1,500
Total with Expenses	**$ 2,282,335**

ALLOWANCES

30 Acre Community Park Allowance	$ 20,000
Recreation Center Allowance	$ 10,000
Aquatic Center Allowance	$ 10,000
Harrison Street Allowance	$ 12,000
Estrella Allowance	$ 6,000
RID Additional Coordination Meetings Allowance	$ 25,000
	$ 83,000
Total with Expenses & Allowances	**$ 2,365,335**

City of Goodyear Recreation Campus Final Design
FEE SUMMARY BY CIP PROJECT

1 Recreation Campus Aquatics Facility		
Aquatics Design (WTI)	$	115,700
Building Structural (CTS)	$	37,966.67
Aquatics MEP	$	82,965
Utility Coordination and Engineering Reports	$	8,000
Utility Design - (Water, Fire, Irrigation, Sewer)	$	24,926
Civil Engineering - (Site Grading and Paving, Erosion Control & Layout)	$	10,730
Drainage - (Design and Report)	$	6,000
Landscape Architecture	$	19,936
Traffic Report	$	6,555
Geotechnical Engineering	$	2,100
Irrigation	$	3,000
Flow Test	$	750
Meetings & Submittals	$	16,243
Project Management	$	8,000
Recreation Campus Aquatics Facility TOTAL	**$**	**342,872**
Aquatic Center Allowance	$	10,000
Recreation Campus Aquatics Facility TOTAL w/ Allowance	**$**	**352,872**
2 Recreation Campus Recreation Facility		
Recreation Campus Recreation Facility (48,000 SF) Architecture (DWL)	$	547,942
Building MEP	$	193,585
Building Structural (CTS)	$	37,966.67
Utility Coordination and Engineering Reports	$	8,000
Utility Design - (Water, Fire, Irrigation, Sewer)	$	24,926
Civil Engineering - (Site Grading and Paving, Erosion Control & Layout)	$	10,730
Drainage - (Design and Report)	$	6,000
Landscape Architecture	$	19,936
Traffic Report	$	6,555
Geotechnical Engineering	$	2,100
Irrigation	$	3,000
Artist	$	30,000
Audio Visual Design	$	15,456
Special Systems Infrastructure Design	$	49,183
Meetings & Submittals	$	16,243
Project Management	$	8,000
Recreation Campus Recreation Facility TOTAL	**$**	**979,623**
Recreation Center Allowance (To be Authorized by COG)	$	10,000
Recreation Campus Recreation Facility TOTAL w/ Allowance	**$**	**989,623**
3 Recreation Campus 30 AC Park		
Recreation Campus 30 AC Park Architecture (DWL)	$	78,909
Building Structural (CTS)	$	37,966.67
Utility Coordination and Engineering Reports	$	8,000
Utility Design - (Water, Fire, Irrigation, Sewer)	$	24,926
Civil Engineering - (Site Grading and Paving, Erosion Control & Layout)	$	101,765

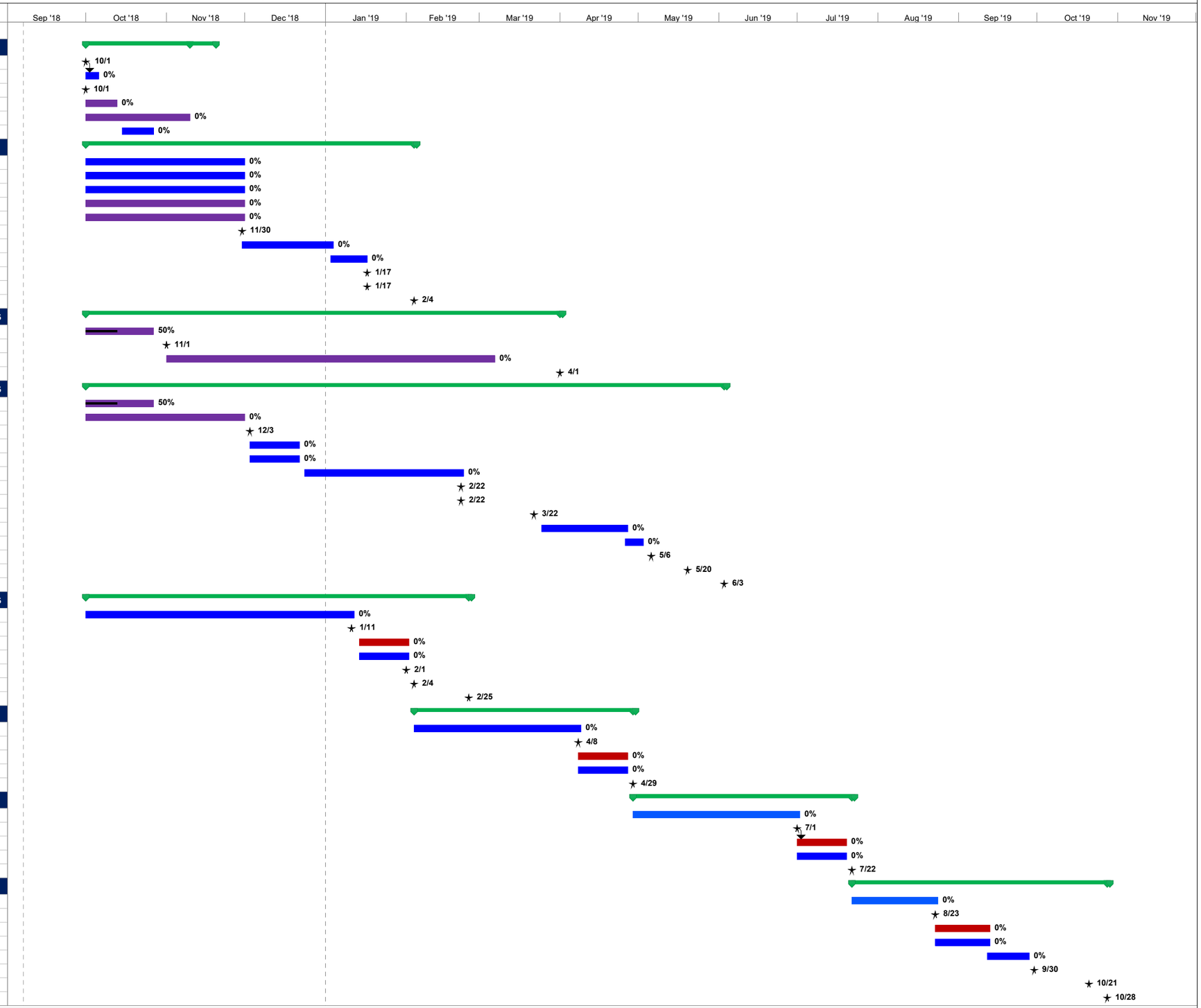
	Drainage - (Design and Report)	$	12,000
	Landscape Architecture	$	164,295
	Traffic Report	$	6,555
	Geotechnical Engineering	$	2,100
	Site Electrical	$	82,730
	Irrigation	$	16,660
	Artist	$	20,000
	Meetings & Submittals	$	16,243
	Project Management	$	8,000.00
	Recreation Campus 30 AC Park TOTAL	**$**	**580,150.00**
	30 Acre Community Park Allowance (To be Authorized by COG)	$	20,000.00
	Recreation Campus 30 AC Park TOTAL w/ Allowance	**$**	**600,150.00**
4	**86 Acre Recreation Campus Harrison Street**		
	Harrison Offsite Improvements	$	110,000
	Additional Topographic Survey	$	1,400
	Utility Coordination and Engineering Reports	$	5,917
	Utility Design - (Water, Fire, Irrigation, Sewer)	$	24,926
	Drainage - (Design and Report)	$	6,000
	Landscape Architecture	$	5,000
	Traffic Report	$	6,555
	Geotechnical Engineering	$	2,100
	Meetings & Submittals	$	16,243
	Project Management	$	8,000
	86 Acre Recreation Campus Harrison Street TOTAL	**$**	**186,141**
	Harrison Street Allowance (To be Authorized by COG)	$	12,000
	86 Acre Recreation Campus Harrison Street TOTAL w/ Allowance	**$**	**198,141**
5	**86 Acre Recreation Campus Estrella Parkway**		
	Estrella Offsite Improvements	$	91,290
	Additional Topographic Survey	$	1,400
	Utility Coordination and Engineering Reports	$	5,917
	Utility Design - (Water, Fire, Irrigation, Sewer)	$	24,926
	Drainage - (Design and Report)	$	6,000
	Landscape Architecture	$	5,000
	Traffic Report	$	6,555
	Geotechnical Engineering	$	2,100
	Meetings & Submittals	$	16,243
	Project Management	$	8,000
	86 Acre Recreation Campus Estrella Parkway TOTAL	**$**	**167,431**
	Estrella Allowance (To be Authorized by COG)	$	6,000
	86 Acre Recreation Campus Estrella Parkway TOTAL w/ Allowance	**$**	**173,431**
6	**86 Acre Recreation Campus RID Relocation**		
	Utility Coordination and Engineering Reports	$	5,917
	Additional Topographic Survey	$	1,200

86 Acre Recreation Campus RID Relocation TOTAL	**$**	**7,117**
RID Additional Coordination Meetings Allowance	$	25,000
86 Acre Recreation Campus RID Relocation TOTAL w/ Allowance	**$**	**32,117**
Total Six Projects w/ Allowances	**$**	**2,346,335**
Kimley-Horn	$	17,500
DWL & Sub-Consultants	$	1,500
Total Expenses	**$**	**19,000**
Total Design Fee with Expenses	**$**	**2,365,335**

City of Goodyear Recreation Campus Final Design

Preliminary Project Schedule

ID	Task Name	Start	Finish	Duration
1	**GOODYEAR RECREATION CAMPUS FINAL DESIGN**			
2	**Task 1.0: Project Initiation**	**Mon 10/1/18**	**Mon 11/19/18**	**36 days**
3	1.1 Client Kick-off Meeting	Mon 10/1/18	Mon 10/1/18	0 days
4	1.2 Final Project Schedule	Mon 10/1/18	Fri 10/5/18	5 days
5	1.3 Project Sharepoint Site	Mon 10/1/18	Mon 10/1/18	0 days
6	1.4 Geotechnical Boring Exhibit	Mon 10/1/18	Fri 10/12/18	10 days
7	1.5 Geotechnical Field Work	Mon 10/1/18	Fri 11/9/18	30 days
8	1.6 Utility Potholing	Mon 10/15/18	Fri 10/26/18	10 days
9	**Task 2.0: Site Plan Submittal**	**Mon 10/1/18**	**Mon 2/4/19**	**91 days**
10	2.1 Site Plan Development	Mon 10/1/18	Fri 11/30/18	45 days
11	2.2 Traffic Report	Mon 10/1/18	Fri 11/30/18	45 days
12	2.3 Water Basis of Design Report	Mon 10/1/18	Fri 11/30/18	45 days
13	2.4 Sanitary Sewer Basis of Design Report	Mon 10/1/18	Fri 11/30/18	45 days
14	2.5 Drainage Report	Mon 10/1/18	Fri 11/30/18	45 days
15	2.6 Site Plan Submittal	Fri 11/30/18	Fri 11/30/18	0 days
16	2.7 Site Plan Review	Fri 11/30/18	Thu 1/3/19	25 days
17	2.8 Site Plan Revisions	Thu 1/3/19	Wed 1/16/19	10 days
18	2.9 Site Plan Resubmital	Thu 1/17/19	Thu 1/17/19	0 days
19	2.10 Re-Zoning Submittal	Thu 1/17/19	Thu 1/17/19	0 days
20	2.11 Site Plan Approval	Mon 2/4/19	Mon 2/4/19	0 days
21	**Task 3.0 RID (Stantec)**	**Mon 10/1/18**	**Mon 4/1/19**	**131 days**
22	3.1 Additional Survey	Mon 10/1/18	Fri 10/26/18	20 days
23	3.2 RID Design Kickoff Meeting	Thu 11/1/18	Thu 11/1/18	0 days
24	3.3 RID Design Development	Thu 11/1/18	Wed 3/6/19	90 days
25	3.4 RID Plan Approval	Mon 4/1/19	Mon 4/1/19	0 days
26	**Task 4.0 Harrison & Estrella Offsites**	**Mon 10/1/18**	**Mon 6/3/19**	**176 days**
27	4.1 Additional Survey	Mon 10/1/18	Fri 10/26/18	20 days
28	4.2 Design Development	Mon 10/1/18	Fri 11/30/18	45 days
29	4.3 City Submittal	Mon 12/3/18	Mon 12/3/18	0 days
30	4.4 City Review	Mon 12/3/18	Fri 12/21/18	15 days
31	4.5 GMP Development	Mon 12/3/18	Fri 12/21/18	15 days
32	4.5 Design Revisons	Mon 12/24/18	Fri 2/22/19	45 days
33	4.6 Re- Submittal for Permits	Fri 2/22/19	Fri 2/22/19	0 days
34	4.7 ATC MCESD	Fri 2/22/19	Fri 2/22/19	0 days
35	4.8 Plan Approval	Fri 3/22/19	Fri 3/22/19	0 days
36	4.9 GMP Update	Mon 3/25/19	Fri 4/26/19	25 days
37	4.10 GMP Negotiations	Fri 4/26/19	Thu 5/2/19	5 days
38	4.11 Council Action Report	Mon 5/6/19	Mon 5/6/19	0 days
39	4.12 Council Meeting	Mon 5/20/19	Mon 5/20/19	0 days
40	4.13 GMP 1 RID /. Harrison & Estrella Offsite CONSTRUCTION NTP	Mon 6/3/19	Mon 6/3/19	0 days
41	**Task 5.0: Schematic Design - 30% Plans**	**Mon 10/1/18**	**Mon 2/25/19**	**106 days**
42	5.1 SD Development	Mon 10/1/18	Fri 1/11/19	75 days
43	5.2 SD Submittal	Fri 1/11/19	Fri 1/11/19	0 days
44	5.3 City Review	Mon 1/14/19	Fri 2/1/19	15 days
45	5.4 GMP Development	Mon 1/14/19	Fri 2/1/19	15 days
46	5.5 Comment Resolution Meeting	Fri 2/1/19	Fri 2/1/19	0 days
47	5.6 Council Action Report	Mon 2/4/19	Mon 2/4/19	0 days
48	5.7 Council Meeting	Mon 2/25/19	Mon 2/25/19	0 days
49	**Task 6.0: Design Development - 60% Plans**	**Mon 2/4/19**	**Mon 4/29/19**	**61 days**
50	6.1 Design Development	Mon 2/4/19	Mon 4/8/19	46 days
51	6.2 Design Development Submittal	Mon 4/8/19	Mon 4/8/19	0 days
52	6.3 City Review	Mon 4/8/19	Fri 4/26/19	15 days
53	6.4 GMP Development	Mon 4/8/19	Fri 4/26/19	15 days
54	6.5 Comment Resolution Meeting	Mon 4/29/19	Mon 4/29/19	0 days
55	**Task 7.0 Construction Documents - 100% Plans**	**Mon 4/29/19**	**Mon 7/22/19**	**61 days**
56	7.1 Construction Document Development	Mon 4/29/19	Mon 7/1/19	46 days
57	7.2 Construction Document Submittal	Mon 7/1/19	Mon 7/1/19	0 days
58	7.3 City Review	Mon 7/1/19	Fri 7/19/19	15 days
59	7.4 GMP Development	Mon 7/1/19	Fri 7/19/19	15 days
60	7.5 Comment Resolution Meeting	Mon 7/22/19	Mon 7/22/19	0 days
61	**Task 8.0 Final Plans / Specifications for Final Permit**	**Mon 7/22/19**	**Mon 10/28/19**	**71 days**
62	8.1 Construction Document Development	Mon 7/22/19	Fri 8/23/19	25 days
63	8.2 Final Permit Submittal	Fri 8/23/19	Fri 8/23/19	0 days
64	8.3 Final Permitting	Fri 8/23/19	Thu 9/12/19	15 days
65	8.4 GMP Development	Fri 8/23/19	Thu 9/12/19	15 days
66	8.5 GMP Negotiations	Thu 9/12/19	Fri 9/27/19	12 days
67	8.6 Council Action Report	Mon 9/30/19	Mon 9/30/19	0 days
68	8.7 Council Meeting	Mon 10/21/19	Mon 10/21/19	0 days
69	8.8 Construction NTP	Mon 10/28/19	Mon 10/28/19	0 days



Goodyear
Revised: Fri 9/7/18

Task | Milestone | Summary | Rolled Up Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Progress | Deadline

~~DRAFT – August 22, 2018~~
September 4, 2018

DWL ARCHITECTS + PLANNERS INC.

Sean Wozny
PLA, Project Manager
Kimley-Horn
7740 N. 16th Street, Suite 300
Phoenix, AZ 85020

RE: City of Goodyear
Goodyear Community Recreation Campus
Fee Proposal for Architectural & Structural Design Services

Dear Sean,

We are very pleased for this opportunity to submit a proposal for architectural design and limited engineering services for the **Goodyear Community Recreation Campus**. This scope includes services for 30% - Schematic Design (SD) / Design Review Submittal, 60% - Design Development (DD), 90% Construction Documents (CD), 100% Final Construction Documents (CD), Bidding/Negotiation (BN). Construction Administration (Pre-construction activities, Construction, and Close-out) are not included in this proposal and we assume that the City will make a supplemental agreement at a future date. Exhibits referenced within this proposal are listed at the end of this document.

As requested, this proposal has been prepared in accordance with our understanding of the project based upon our involvement in the Pre-Design / Concept phase of the Community Recreation Center, and recent emails and phone conversations. At the time of this proposal, the final scope, budget and schedule for this project have yet to be determined. For purposes of fee development, we assume the following overall durations and that all projects will run concurrently (design and construction).

Schematic Design (SD)	11 weeks
Design Development (DD)	14 week
Construction Documents (CD)	16 weeks
CMAR GMP / Bidding / Negotiations (BN)	5 weeks

SCOPE OF WORK - BASIC SERVICES (Lump Sum)

General:

The scope of this project is to provide Basic Architectural and Limited Engineering Design Services (Structural) for the Goodyear Community Recreation Campus, which includes the following components:

Community Recreation Center

New Community Recreation Center based on the approved concept design options – See attached exhibits A & B. The SD package will carry (2) concurrent design options. For DD & CD, this contract is based solely on the Track Package option.

- Exhibit B: Approximately 31,000 sf, single story, steel framed building containing; multi-use rooms, administration area, teen breakout area, gym, locker rooms, storage and utility spaces.
- Exhibit A: Approximately 48,000 sf, 2-story, steel framed building containing; multi-use rooms, administration area, teen breakout area, gym, locker rooms, elevated track, mezzanine, second story multi-use rooms, storage and utility spaces.

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Aquatic Support Facilities
This project includes coordination with the aquatic components and the design of an approximate 2,000 sf pool pump and storage building, performance specification for fabric shade structures, and pool fence design. The design and look of these elements will be similar to the character of the Community Recreation Center.

Site Restroom Building
This project includes the design of two very similar, approximately 750 sf, restroom buildings located in the park component of the project. The design and look of these elements will be similar to the character of the Community Recreation Center / overall campus. This facility will be designed to be slightly more utilitarian. No cooling is anticipated in these structures.

Maintenance Building & Maintenance Yard
This project includes the design of an on-site maintenance building which includes, material storage bins, walls and gates. The maintenance building is approximately 1,200 sf with a 900 sf evaporatively cooled shop and a 300 sf office area (with restroom, work area, and break area) with HVAC. The design and look of these elements will be similar to the character of the Community Recreation Center / overall campus. This facility will be designed to be slightly more utilitarian. The elements anticipated for the maintenance yard include Spaces for (3) 6-yard garbage bins, a 40-yard bin and 6 material storage bins.

Irrigation Enclosure
The Irrigation enclosure will include site walls and hard roof canopy. The enclosure is not anticipated to be water tight or cooled. The irrigation enclosure is anticipated to be approximately 200 sf.

Group Ramada
The Group Ramada is anticipated to be an open air ramada with steel framed roof and metal deck. It is anticipated that one Ramada design of up to 1,000 sf will be repeated throughout the site. The design and look of these elements will be similar to the character of the Community Recreation Center / overall campus.

Monument Signage and Public Art Integration:
Three Site Monument Signs are anticipated. DWL will assist Kimley-Horn in the Schematic Design of the Monument Signage, Public Art Integration and site walls of the project. It is anticipated that Kimley-Horn would document these elements for the DD and CD phases.

SCOPE OF WORK – SPECIALTY / ENHANCED SERVICES AND ALLOWANCES:

Enhanced 3D views and Stereo Panoramic Images:
Provide up to 5 enhanced 3D views (semi-photorealistic) and up to 5 Stereo Panoramic Images (semi-photorealistic) to be used in review and communicating the design concepts to stakeholder groups for the Community Recreation Center and Aquatic Support Facilities and One each for the Maintenance Building, Restroom, Group Ramada and Monument Sign. Additional, non-rendered 3D views exported from the project model will be provided as needed to communicate the design intent.

Signage:
Provide design for interior way-finding signage (non-illuminated) and new exterior building signage at each project element identified above. Code required signage for buildings is included.

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OPTIONAL SERVICES (NOT CURRENTLY PART OF SCOPE):

Acoustical Consultant
Provide consultation to review and provide guidance on the interior acoustics.

Special Systems and Low Voltage
Provide consultation to review and design technology systems including; structured cabling system, telecommunications rooms, access control / monitoring systems, CCTV, site communications distribution and Audio / Video displays and controls.

Cost Estimating (Lump Sum / HNTE):
Provide a complete estimate to be performed by the design team at 30% / Schematic Design Phase and a thorough review of the CM@R's GMP estimate and GMP.

DESIGN SERVICES / TASKS:

It is understood that this project will be designed and documented as a single construction document package. Drawings will show the complete project with no separate phasing. Design meetings are estimated as noted in tasks below. Meeting minutes to be provided for meetings scheduled by DWL. It is assumed the Kimley-Horn will record and provide meeting minutes.

Description of Tasks:

Task 1.0: 30% -Schematic Design

A. Team/Stakeholder meetings (10), weekly communication and be available to assist Kimley-Horn with Client meetings.
B. Participate in Design Charettes (4) with Kimley Horn and City Staff.
C. Based upon the mutually agreed upon program, schedule and construction budget requirements, Design Team shall prepare, for approval by City of Goodyear, Schematic Design Documents. The Schematic Design will include architectural plans, elevations, sections, material selections, outline specification and 3D views as required to illustrate the scale and relationship of project components.
D. Preliminary Building Code review based on the approved conceptual plans.
E. Finish types and grades of finish materials shall be established.
F. Support Kimley Horn with the Site Plan / Design Review Submittal per City of Goodyear Requirements.
G. Assist Kimley-Horn internally to ensure a well-coordinated Schematic Design package. The Schematic Design (30%) will be submitted to the City of Goodyear project team and stakeholder group for review, comment and approval.
H. Assist Kimley-Horn and City in Coordinating with CM@R in regards to budget.

Task 2.0: 60% -Design Development

A. Assist Kimley-Horn in regularly scheduled meetings for the duration of the DD process (10 meetings). Weekly/regularly scheduled conference calls between Kimley-Horn, relevant consultants and other agencies.
B. Based upon the approved Schematic Design Documents and any adjustments authorized by City of Goodyear in the program, schedule or Cost estimate, the Design Team shall prepare Design Development Documents (60%) for approval by City of Goodyear. The Design Development documents shall consist of drawings and other documents to fix and describe the size and character of the Project as to architecture and structure.

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C. It is assumed that Kimley-Horn will lead the effort in coordination and assembly of the project specifications and the construction documentation package. A draft front-end specification is assumed to be provided by Kimley-Horn in the DD package. DWL will assist in reviewing and recommending changes to the front end to suit the project. DWL will provide the Architectural and Structural technical sections.
D. Draft Specifications that identify major materials and establish a general quality level shall be included.
E. Finish types and grades of finish materials shall be established. DWL assumes that a finish palette will be accepted by City in the DD phase review period. This information is to be used for pricing purposes during the CD phase. The selected colors will be provided in a 3-ring binder with finish samples, elements such as wall, floor & ceiling finishes are included.
F. Preliminary Signage package and program to be included at this phase for review.
G. Assist Kimley-Horn in the facilitation of a review with the City.
H. Design team to review CMAR's cost estimate and provide comments.
I. Submit Design Development drawings to City of Goodyear project team, stakeholders and CMAR for review/comment. We assume CMAR will develop their 60% cost estimate.

Task 3.0: 90% - Construction Documents

A. Assist Kimley-Horn in regularly scheduled meetings for the duration of the CD process (10 meetings).
B. Based upon the approved Design Development Documents and any further adjustments in the scope or budget authorized by City of Goodyear.
C. It is assumed that Division 1 specifications will be prepared and provided by Kimley-Horn to the City for review and comment
D. Submit 90% Construction Documents for final review by the City of Goodyear project team and stakeholders, Building Permit Review and CMAR Trade Partner bidding and GMP preparation (final GMP to be based on 100% CD).

Task 4.0: 100% - Final Construction Documents

A. Assist Kimley-Horn in regularly scheduled meetings for the duration of the CD process (2 meetings).
B. Based upon the approved 90% Construction Documents and any further adjustments in the scope or budget authorized by City of Goodyear, the Design Team shall prepare 100% Construction Documents which include response to permit review comments and GMP RFIs.
C. Incorporate all final comments and adjustments prior to commencement of work.
D. The Design Team shall prepare Construction Documents which include a Building Safety Submittal and Bid Documents Submittal. (See deliverables section for more information.) The documents include drawings and specifications with sufficient detail to obtain a permit and approval by the City of Goodyear Building Safety Department.

Task 5.0: Bidding/Negotiations

A. Pre-Bid Meeting and Walk: DWL's role will be to attend and answer questions at the pre-bid meeting and walk. DWL assumes Kimley-Horn will facilitate the meeting (prepare, coordinate and distribute Agenda, sign-in sheet, minutes and correspondence).
B. DWL shall assist the Owner and Kimley-Horn in the GMP process.
C. The Design team shall respond to bidder questions and requests for clarification.
D. Cost estimating services are excluded. The scope will not include analysis or verification of the bids. It will include a review of the Contractor's final GMP Estimate.
E. DWL shall consider substitution requests and shall assist Kimley-Horn in the preparation of addenda.

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ASSUMPTIONS / SCOPE CLARIFICATIONS:

Based on our discussions, we have made the following assumptions in the preparation of our proposal:

1. Assist Kimley Horn and City in the development of a project schedule and target budget at start of Schematic Design.
2. We understand that the current Base Option Rough Order of Magnitude for the Community Recreation Center is approximately up to $14,400,000. The Final budget and building scope will be determined after the City Council meeting in January of 2019.
3. We assume that Kimley-Horn will provide mechanical, plumbing, electrical, landscape architecture and civil engineering, a survey, a geotechnical report and site plan of the existing conditions. These services are not included in DWL's contract. Basemap survey in AutoCAD to be provided by second week of design. Geotechnical report to be provided by the fourth week of design.
4. Kimley-Horn is the prime and will coordinate and prepare all submittals to the Owner (City Staff) and Building Safety for review and approval, as well as project manual front-end sections.
5. Subconsultants included in this proposal. Please review their attached proposals for further scope details.
    a. CTS Structural Engineers (Structural)
6. In order to minimize rework of SD, DD and CD documents, the SD, DD and CD scope respectively will commence once the City of Goodyear provides feedback on the CMAR Cost estimate based on the reconciliation meetings to be held at the end of each phase.
7. DWL shall utilize Revit and assume the same will be utilized by Mechanical, Plumbing, Electrical and Structural. An equivalent and compatible software will be used for coordinating with Civil. Any use of the DWL Revit model by the CMAR and its sub-contractors shall be for reference of design intent only. AutoCAD files as exported from REVIT to be provided for coordination and as requested.
8. Regulatory & Code required signage, building entry identification signs (one at each on the three buildings is included).

EXCLUSIONS / ADDITIONAL SERVICES:

In order to provide clarity and to prevent any misunderstandings, we want to identify items that are excluded from this proposal. If for any reason Kimley-Horn requires these services, we can provide them for additional compensation.

1. Geotechnical Investigations, Civil Site Survey, Potholing, Field investigations.
2. Permit, code modification and other submittal fees.
3. Major scope change or revisions and deliverables beyond those listed below.
4. Services from engineers or consultants not identified in this proposal, and beyond this project's scope, will not be provided.
5. Community presentations beyond those listed in this proposal.
6. LEED assessment and services.
7. 3rd Party Commissioning
8. Design or selection of furniture (FFE) is not included.
9. Construction phasing plans.
10. Acoustic Design & Engineering.
11. Materials Testing.
12. 3rd Party Project Estimating.
13. Site Planning / Zoning Analysis.
14. Semi-Photorealistic, Photorealistic or 3D Stereo-panoramic images beyond that listed in this proposal. Additional images can be provided for additional services.
15. Value engineering if design is within 10% of provided budget and tracking of scope changes.

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16. Construction Administration Services (assumed to be part of a future contract).
17. Tests or Investigations requiring demolition of existing construction or other types of forensic investigations, except as identified in this proposal and support documents.
18. All Hazardous Material related work such as testing or abatement.
19. Demolition Drawings for existing structures.
20. Aquatics Design.

DELIVERABLES:

Deliverables for the previously described scope include:

1. Task 1.0; Schematic Design – 30% Submittal; Floor plans, Reflected Ceiling Plans, Elevations, Section(s) and Material Selections. Colored 3D views and Elevations shall be provided. Project documents shall be provided in 24x36 format. PDF drawings will be provided to the team for review. Prints available as a reimbursable expense.
2. Task 2.0; Design Development – 60% Submittal; Includes Architectural and Structural. Includes architectural plans, elevations and sections. An outline specification is included. Project documents shall be provided in 24x36 format. PDF drawings will be provided to the team for review. Prints available as a reimbursable expense.
3. Task 3.0; Construction Documents – 90% Submittal: Includes disciplines as listed under 60%. Specification Sections applicable to the building (technical sections only). PDF drawings will be provided to the team for review. Prints available as a reimbursable expense.
4. Task 4.0; Construction Documents – 100% Submittal for permit and bidding: Includes disciplines as listed under 90%. Specification Sections applicable to the building (architectural and structural technical sections only). PDF drawings will be provided to Kimley Horn for assembly and printing. Prints available as a reimbursable expense.

REIMBURSABLE EXPENSES:

We will invoice at cost for project related expenses such as travel, mileage, courier, printing, and copying (in or out of office). We have estimated our reimbursable expenses based on courier service and reprographics.

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COMPENSATION

We will provide design services as outlined above for a lump sum fee, plus reimbursables, as follows. **I have attached a summary spreadsheet and estimated hourly breakdown for your review and approval.**

Design Phase & Bidding Services

Architectural (DWL)	
Community Center (31,000 sf)	$365,768
Community Center (48,000 sf)	$547,942
Restroom Buildings	$26,196
Maintenance Building	$26,813
Group Ramada	$16,035
Misc. Site Items	$9,865
Structural (CTS)	
Community Center (31,000 sf)	$44,000
Community Center (48,000 sf)	$66,000
Site Buildings	$15,000
Surge tank concrete and reinforcement	$2400
Slide tower supports	$13,000
(slide and slide loads provided by others)	
Slide footings, stairs, railings and platforms	$11,000
(does not include slide itself, just foundations for the slide, with slide load provided by others)	
Pool deck concrete and reinforcement	$1500
(pool itself is excluded)	
Pump Pit(s) concrete, grating, railing and stairs	$3500
Shade Structures	$1,500
Reimbursables	$ 1,500

CONCLUSION

We are grateful for this opportunity and look forward to working with you and the Kimley-Horn team. If you have any questions or require further explanation of any item in this proposal, please do not hesitate to contact me.

Sincerely,

DWL ARCHITECTS + PLANNERS, INC.

Michael Braun, AIA
Executive Vice President

MCB

Attachments: Exhibit A – Level 1, Exhibit A – Level 2, and Exhibit B, all dated 08/22/18

cc: Steve Rao
Kathryn Maxwell

2333 North Central Avenue Phoenix, Arizona 85004-1352 | tel 602.264.9731 fax 602.264.1928 | www.dwlarchitects.com

DWL ARCHITECTS + PLANNERS, INC.

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE 9/4/2018

DWL ARCHITECTS

SUMMARY

TASK	Architectural/Administartive	*Community Center* *(31,000 sf)*	Community Center (48,000 sf)	Restroom Buildings	Maintenance Building	Group Ramada	Misc. Site	TOTALS
1.0	**30% Schematic Design**		$ 144,406.00	$ 4,374.00	$ 3,499.00	$ 3,997.00	$ 2,360.00	$ 158,636.00
	***Alternate Building Option**		*$ 23,150.00*	-	-	-	-	*$ 23,150.00*
2.0	**60% Design Development**		$ 155,586.00	$ 6,952.00	$ 6,103.00	$ 3,560.00	$ 2,074.00	$ 174,275.00
3.0	**90% Construction Documents**		$ 157,204.00	$ 6,975.00	$ 7,574.00	$ 3,551.00	$ 2,130.00	$ 177,434.00
4.0	**100% Construction Documents / Permit Submittal**		$ 51,678.00	$ 6,621.00	$ 8,852.00	$ 4,345.00	$ 2,459.00	$ 73,955.00
5.0	**Bidding/Negotiation**		$ 15,918.00	$ 1,274.00	$ 785.00	$ 582.00	$ 842.00	$ 19,401.00
	TOTAL	*$365,768*	**$547,942**	**$26,196**	**$26,813**	**$16,035**	**$9,865**	**$626,851**

Please note that these are not stand alone packages. The fee assumes one drawing package and costs are broken out as shown for budget purposes only.

** Community Center 30% fee estimate includes second building option.*

*** This compensation estimate assumes concurrent design for building and site elements.*

DWL ARCHITECTS + PLANNERS, INC.

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE - DRAFT

DWL ARCHITECTS

Community Center

(48,000 SF Option)

9/4/2018

Task Description		Hourly Billing Rate																														Task Total
		Principal 197.00 per hr.			Project Director 154.00 per hr.			QA/QC Architect 127.00 per hr.			Proj. Manager 120.00 per hr.			Proj. Archt. 104.00 per hr.			Code 132.00 per hr.			Apprentice Arch 83.00 per hr.			Specifier 111.00 per hr.			Graphic Designer 81.00 per hr.			Clerical 71.00 per hr.			
Architectural and Engineering Services		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		
1.0	30%Schematic Design	3	591		232	35728		7	889		322	38640		250	26000		10	1320		380	31540		18	1998		60	4860		40	2840		*144,406.00*
	Alternate Building Option	1	197		20	3080		1	127		50	6000		65	6760		2	264		60	4980		2	222		10	810		10	710		*23,150.00*
2.0	60% / Design Development	4	788		180	27720		30	3810		320	38400		320	33280		24	3168		420	34860		40	4440		60	4860		60	4260		*155,586.00*
3.0	90% / Construction Documents	4	788		150	23100		40	5080		320	38400		360	37440		8	1056		420	34860		80	8880		50	4050		50	3550		*157,204.00*
4.0	100% - Final Construction Documents / Permit Submittal	6	1182		80	12320		40	5080		80	9600		80	8320		8	1056		80	6640		40	4440		20	1620		20	1420		*51,678.00*
5.0	Bidding Review	4	788		18	2772		0	0		40	4800		18	1872		2	264		18	1494		8	888		20	1620		20	1420		*15,918.00*
	TOTAL	22	4334		680	104720		118	14986		1132	135840		1093	113672		54	7128		1378	114374	0	188	20868		220	17820	0	200	14200		547,942.00
	Personnel subtotals	4,334.00			104,720.00			14,986.00			135,840.00			113,672.00			7,128.00			114,374.00			20,868.00			17,820.00			14,200.00			547,942.00

DWL ARCHITECTS + PLANNERS, INC.

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE - DRAFT

Maintenance Building

9/4/2018

DWL ARCHITECTS

Task Description		Hourly Billing Rate																														Task Total
		Principal 197.00 per hr.			Project Director 154.00 per hr.			QA/QC Architect 127.00 per hr.			Proj. Manager 120.00 per hr.			Proj. Archt. 104.00 per hr.			Code 132.00 per hr.			Apprentice Arch 83.00 per hr.			Specifier 111.00 per hr.			Graphic Designer 81.00 per hr.			Clerical 71.00 per hr.			
Architectural and Engineering Services		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		
1.0	30%Schematic Design	1	197		2	308		0	0		8	960		4	416		1	132		14	1162		1	111		0	0		3	213		*3,499.00*
2.0	60% / Design Development	1	197		2	308		1	127		8	960		6	624		1	132		40	3320		2	222		0	0		3	213		*6,103.00*
3.0	90% / Construction Documents	1	197		2	308		2	254		6	720		4	416		2	264		60	4980		2	222		0	0		3	213		*7,574.00*
4.0	100% - Final Construction Documents / Permit Submittal	1	197		2	308		2	254		4	480		4	416		2	264		80	6640		2	222		0	0		1	71		*8,852.00*
5.0	Bidding Review	1	197		1	154		0	0		2	240		0	0		0	0		1	83		1	111		0	0		0	0		*785.00*
	TOTAL	5	985		9	1386		5	635		28	3360		18	1872		6	792		195	16185	0	8	888		0	0	0	10	710		**26,813.00**
	Personnel subtotals	985.00			1,386.00			635.00			3,360.00			1,872.00			792.00			16,185.00			888.00			0.00			710.00			26,813.00

DWL ARCHITECTS + PLANNERS, INC. **Group Ramada**

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE - DRAFT *9/4/2018*

DWL ARCHITECTS

Task Description		Hourly Billing Rate																														Task Total
		Principal 197.00 per hr.			Project Director 154.00 per hr.			QA/QC Architect 127.00 per hr.			Proj. Manager 120.00 per hr.			Proj. Archt. 104.00 per hr.			Code 132.00 per hr.			Apprentice Arch 83.00 per hr.			Specifier 111.00 per hr.			Graphic Designer 81.00 per hr.			Clerical 71.00 per hr.			
Architectural and Engineering Services		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		
1.0	30%Schematic Design	1	197		1	154		0	0		7	840		8	832		1	132		20	1660		1	111		0	0		1	71		*3,997.00*
2.0	60% / Design Development	0	0		1	154		0	0		5	600		8	832		1	132		20	1660		1	111		0	0		1	71		*3,560.00*
3.0	90% / Construction Documents	0	0		1	154		0	0		4	480		8	832		1	132		20	1660		2	222		0	0		1	71		*3,551.00*
4.0	100% - Final Construction Documents / Permit Submittal	1	197		1	154		1	127		1	120		8	832		1	132		30	2490		2	222		0	0		1	71		*4,345.00*
5.0	Bidding Review	1	197		1	154		0	0		1	120		0	0		0	0		0	0		1	111		0	0		0	0		*582.00*
	TOTAL	3	591		5	770		1	127		18	2160		32	3328		4	528		90	7470	0	7	777		0	0		4	284		**16,035.00**
	Personnel subtotals	591.00			770.00			127.00			2,160.00			3,328.00			528.00			7,470.00			777.00			0.00			284.00			16,035.00

DWL ARCHITECTS + PLANNERS, INC.

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE - DRAFT

Restroom Buildings

9/4/2018

DWL ARCHITECTS

Task Description		Hourly Billing Rate																												Task Total
		Principal 197.00 per hr.			Project Director 154.00 per hr.			QA/QC Architect 127.00 per hr.			Proj. Manager 120.00 per hr.			Proj. Archt. 104.00 per hr.			Code 132.00 per hr.			Apprentice Arch 83.00 per hr.			Specifier 111.00 per hr.			Graphic Designer 81.00 per hr.			Clerical 71.00 per hr.			
	Architectural and Engineering Services	Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		
1.0	30%Schematic Design	1	197		2	308		0	0		10	1200		6	624		1	132		20	1660		1	111		0	0		2	142		*4,374.00*
2.0	60% / Design Development	1	197		3	462		1	127		8	960		5	520		1	132		50	4150		3	333		0	0		1	71		*6,952.00*
3.0	90% / Construction Documents	1	197		3	462		2	254		8	960		4	416		1	132		50	4150		3	333		0	0		1	71		*6,975.00*
4.0	100% - Final Construction Documents / Permit Submittal	1	197		2	308		2	254		6	720		4	416		1	132		50	4150		4	444		0	0		0	0		*6,621.00*
5.0	Bidding Review	1	197		1	154		0	0		4	480		0	0		0	0		4	332		1	111		0	0		0	0		*1,274.00*
	TOTAL	5	985		11	1694		5	635		36	4320		19	1976		4	528		174	14442	0	12	1332		0	0		4	284		**26,196.00**
	Personnel subtotals	985.00			1,694.00			635.00			4,320.00			1,976.00			528.00			14,442.00			1,332.00			0.00			284.00			26,196.00

DWL ARCHITECTS + PLANNERS, INC. **Misc. Site**

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE - DRAFT *9/4/2018*

DWL ARCHITECTS

Task Description		Hourly Billing Rate																														Task Total
		Principal 197.00 per hr.			Project Director 154.00 per hr.			QA/QC Architect 127.00 per hr.			Proj. Manager 120.00 per hr.			Proj. Archt. 104.00 per hr.			Code 132.00 per hr.			Apprentice Arch 83.00 per hr.			Specifier 111.00 per hr.			Graphic Designer 81.00 per hr.			Clerical 71.00 per hr.			
Architectural and Engineering Services		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		
1.0	30%Schematic Design	0	0		1	154		0	0		4	480		4	416		1	132		12	996		1	111		0	0		1	71		*2,360.00*
2.0	60% / Design Development	0	0		0	0		0	0		4	480		4	416		0	0		12	996		1	111		0	0		1	71		*2,074.00*
3.0	90% / Construction Documents	0	0		0	0		1	127		4	480		4	416		0	0		12	996		1	111		0	0		0	0		*2,130.00*
4.0	100% - Final Construction Documents / Permit Submittal	1	197		0	0		1	127		4	480		4	416		1	132		12	996		1	111		0	0		0	0		*2,459.00*
5.0	Bidding Review	0	0		1	154		0	0		4	480		2	208		0	0		0	0		0	0		0	0		0	0		*842.00*
	TOTAL	1	197		2	308		2	254		20	2400		18	1872		2	264		48	3984	0	4	444		0	0		2	142		**9,865.00**
	Personnel subtotals	197.00			308.00			254.00			2,400.00			1,872.00			264.00			3,984.00			444.00			0.00			142.00			9,865.00

DWL ARCHITECTS + PLANNERS, INC.

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE 9/4/2018

DWL ARCHITECTS

SUMMARY

TASK	Architectural/Administartive	*Community Center* *(31,000 sf)*	Community Center (48,000 sf)	Restroom Buildings	Maintenance Building	Group Ramada	Misc. Site	TOTALS
1.0	**30% Schematic Design**		$ 144,406.00	$ 4,374.00	$ 3,499.00	$ 3,997.00	$ 2,360.00	$ 158,636.00
	***Alternate Building Option**		*$ 23,150.00*	-	-	-	-	*$ 23,150.00*
2.0	**60% Design Development**		$ 155,586.00	$ 6,952.00	$ 6,103.00	$ 3,560.00	$ 2,074.00	$ 174,275.00
3.0	**90% Construction Documents**		$ 157,204.00	$ 6,975.00	$ 7,574.00	$ 3,551.00	$ 2,130.00	$ 177,434.00
4.0	**100% Construction Documents / Permit Submittal**		$ 51,678.00	$ 6,621.00	$ 8,852.00	$ 4,345.00	$ 2,459.00	$ 73,955.00
5.0	**Bidding/Negotiation**		$ 15,918.00	$ 1,274.00	$ 785.00	$ 582.00	$ 842.00	$ 19,401.00
	TOTAL	*$365,768*	**$547,942**	**$26,196**	**$26,813**	**$16,035**	**$9,865**	**$626,851**

Please note that these are not stand alone packages. The fee assumes one drawing package and costs are broken out as shown for budget purposes only.

** Community Center 30% fee estimate includes second building option.*

*** This compensation estimate assumes concurrent design for building and site elements.*

DWL ARCHITECTS + PLANNERS, INC.

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE 9/4/2018

DWL ARCHITECTS

SUMMARY

TASK	Architectural/Administartive	*Community Center* *(31,000 sf)*	Community Center (48,000 sf)	Restroom Buildings	Maintenance Building	Group Ramada	Misc. Site	TOTALS
1.0	**30% Schematic Design**		$ 144,406.00	$ 4,374.00	$ 3,499.00	$ 3,997.00	$ 2,360.00	$ 158,636.00
	***Alternate Building Option**		*$ 23,150.00*	-	-	-	-	*$ 23,150.00*
2.0	**60% Design Development**		$ 155,586.00	$ 6,952.00	$ 6,103.00	$ 3,560.00	$ 2,074.00	$ 174,275.00
3.0	**90% Construction Documents**		$ 157,204.00	$ 6,975.00	$ 7,574.00	$ 3,551.00	$ 2,130.00	$ 177,434.00
4.0	**100% Construction Documents / Permit Submittal**		$ 51,678.00	$ 6,621.00	$ 8,852.00	$ 4,345.00	$ 2,459.00	$ 73,955.00
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	TOTAL	*$365,768*	**$547,942**	**$26,196**	**$26,813**	**$16,035**	**$9,865**	**$626,851**

Please note that these are not stand alone packages. The fee assumes one drawing package and costs are broken out as shown for budget purposes only.

** Community Center 30% fee estimate includes second building option.*

*** This compensation estimate assumes concurrent design for building and site elements.*

DWL ARCHITECTS + PLANNERS, INC.

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE - DRAFT

DWL ARCHITECTS

Community Center

(48,000 SF Option)

9/4/2018

Task Description		Hourly Billing Rate																														Task Total
		Principal 197.00 per hr.			Project Director 154.00 per hr.			QA/QC Architect 127.00 per hr.			Proj. Manager 120.00 per hr.			Proj. Archt. 104.00 per hr.			Code 132.00 per hr.			Apprentice Arch 83.00 per hr.			Specifier 111.00 per hr.			Graphic Designer 81.00 per hr.			Clerical 71.00 per hr.			
Architectural and Engineering Services		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		
1.0	30%Schematic Design	3	591		232	35728		7	889		322	38640		250	26000		10	1320		380	31540		18	1998		60	4860		40	2840		*144,406.00*
	Alternate Building Option	1	197		20	3080		1	127		50	6000		65	6760		2	264		60	4980		2	222		10	810		10	710		*23,150.00*
2.0	60% / Design Development	4	788		180	27720		30	3810		320	38400		320	33280		24	3168		420	34860		40	4440		60	4860		60	4260		*155,586.00*
3.0	90% / Construction Documents	4	788		150	23100		40	5080		320	38400		360	37440		8	1056		420	34860		80	8880		50	4050		50	3550		*157,204.00*
4.0	100% - Final Construction Documents / Permit Submittal	6	1182		80	12320		40	5080		80	9600		80	8320		8	1056		80	6640		40	4440		20	1620		20	1420		*51,678.00*
5.0	Bidding Review	4	788		18	2772		0	0		40	4800		18	1872		2	264		18	1494		8	888		20	1620		20	1420		*15,918.00*
	TOTAL	22	4334		680	104720		118	14986		1132	135840		1093	113672		54	7128		1378	114374	0	188	20868		220	17820	0	200	14200		547,942.00
	Personnel subtotals	4,334.00			104,720.00			14,986.00			135,840.00			113,672.00			7,128.00			114,374.00			20,868.00			17,820.00			14,200.00			547,942.00

DWL ARCHITECTS + PLANNERS, INC.

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE - DRAFT

Maintenance Building

9/4/2018

DWL ARCHITECTS

Task Description		Hourly Billing Rate																														Task Total
		Principal 197.00 per hr.			Project Director 154.00 per hr.			QA/QC Architect 127.00 per hr.			Proj. Manager 120.00 per hr.			Proj. Archt. 104.00 per hr.			Code 132.00 per hr.			Apprentice Arch 83.00 per hr.			Specifier 111.00 per hr.			Graphic Designer 81.00 per hr.			Clerical 71.00 per hr.			
Architectural and Engineering Services		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		
1.0	30%Schematic Design	1	197		2	308		0	0		8	960		4	416		1	132		14	1162		1	111		0	0		3	213		*3,499.00*
2.0	60% / Design Development	1	197		2	308		1	127		8	960		6	624		1	132		40	3320		2	222		0	0		3	213		*6,103.00*
3.0	90% / Construction Documents	1	197		2	308		2	254		6	720		4	416		2	264		60	4980		2	222		0	0		3	213		*7,574.00*
4.0	100% - Final Construction Documents / Permit Submittal	1	197		2	308		2	254		4	480		4	416		2	264		80	6640		2	222		0	0		1	71		*8,852.00*
5.0	Bidding Review	1	197		1	154		0	0		2	240		0	0		0	0		1	83		1	111		0	0		0	0		*785.00*
	TOTAL	5	985		9	1386		5	635		28	3360		18	1872		6	792		195	16185	0	8	888		0	0	0	10	710		**26,813.00**
	Personnel subtotals	985.00			1,386.00			635.00			3,360.00			1,872.00			792.00			16,185.00			888.00			0.00			710.00			26,813.00

DWL ARCHITECTS + PLANNERS, INC. **Group Ramada**

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE - DRAFT *9/4/2018*

DWL ARCHITECTS

Task Description		Hourly Billing Rate																														Task Total
		Principal 197.00 per hr.			Project Director 154.00 per hr.			QA/QC Architect 127.00 per hr.			Proj. Manager 120.00 per hr.			Proj. Archt. 104.00 per hr.			Code 132.00 per hr.			Apprentice Arch 83.00 per hr.			Specifier 111.00 per hr.			Graphic Designer 81.00 per hr.			Clerical 71.00 per hr.			
Architectural and Engineering Services		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		
1.0	30%Schematic Design	1	197		1	154		0	0		7	840		8	832		1	132		20	1660		1	111		0	0		1	71		*3,997.00*
2.0	60% / Design Development	0	0		1	154		0	0		5	600		8	832		1	132		20	1660		1	111		0	0		1	71		*3,560.00*
3.0	90% / Construction Documents	0	0		1	154		0	0		4	480		8	832		1	132		20	1660		2	222		0	0		1	71		*3,551.00*
4.0	100% - Final Construction Documents / Permit Submittal	1	197		1	154		1	127		1	120		8	832		1	132		30	2490		2	222		0	0		1	71		*4,345.00*
5.0	Bidding Review	1	197		1	154		0	0		1	120		0	0		0	0		0	0		1	111		0	0		0	0		*582.00*
	TOTAL	3	591		5	770		1	127		18	2160		32	3328		4	528		90	7470	0	7	777		0	0		4	284		**16,035.00**
	Personnel subtotals	591.00			770.00			127.00			2,160.00			3,328.00			528.00			7,470.00			777.00			0.00			284.00			16,035.00

DWL ARCHITECTS + PLANNERS, INC.

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE - DRAFT

Restroom Buildings

9/4/2018

DWL ARCHITECTS

Task Description		Hourly Billing Rate																												Task Total
		Principal 197.00 per hr.			Project Director 154.00 per hr.			QA/QC Architect 127.00 per hr.			Proj. Manager 120.00 per hr.			Proj. Archt. 104.00 per hr.			Code 132.00 per hr.			Apprentice Arch 83.00 per hr.			Specifier 111.00 per hr.			Graphic Designer 81.00 per hr.			Clerical 71.00 per hr.			
	Architectural and Engineering Services	Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		
1.0	30%Schematic Design	1	197		2	308		0	0		10	1200		6	624		1	132		20	1660		1	111		0	0		2	142		*4,374.00*
2.0	60% / Design Development	1	197		3	462		1	127		8	960		5	520		1	132		50	4150		3	333		0	0		1	71		*6,952.00*
3.0	90% / Construction Documents	1	197		3	462		2	254		8	960		4	416		1	132		50	4150		3	333		0	0		1	71		*6,975.00*
4.0	100% - Final Construction Documents / Permit Submittal	1	197		2	308		2	254		6	720		4	416		1	132		50	4150		4	444		0	0		0	0		*6,621.00*
5.0	Bidding Review	1	197		1	154		0	0		4	480		0	0		0	0		4	332		1	111		0	0		0	0		*1,274.00*
	TOTAL	5	985		11	1694		5	635		36	4320		19	1976		4	528		174	14442	0	12	1332		0	0		4	284		**26,196.00**
	Personnel subtotals	985.00			1,694.00			635.00			4,320.00			1,976.00			528.00			14,442.00			1,332.00			0.00			284.00			26,196.00

DWL ARCHITECTS + PLANNERS, INC. **Misc. Site**

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE - DRAFT *9/4/2018*

DWL ARCHITECTS

Task Description		Hourly Billing Rate																														Task Total
		Principal 197.00 per hr.			Project Director 154.00 per hr.			QA/QC Architect 127.00 per hr.			Proj. Manager 120.00 per hr.			Proj. Archt. 104.00 per hr.			Code 132.00 per hr.			Apprentice Arch 83.00 per hr.			Specifier 111.00 per hr.			Graphic Designer 81.00 per hr.			Clerical 71.00 per hr.			
Architectural and Engineering Services		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		
1.0	30%Schematic Design	0	0		1	154		0	0		4	480		4	416		1	132		12	996		1	111		0	0		1	71		*2,360.00*
2.0	60% / Design Development	0	0		0	0		0	0		4	480		4	416		0	0		12	996		1	111		0	0		1	71		*2,074.00*
3.0	90% / Construction Documents	0	0		0	0		1	127		4	480		4	416		0	0		12	996		1	111		0	0		0	0		*2,130.00*
4.0	100% - Final Construction Documents / Permit Submittal	1	197		0	0		1	127		4	480		4	416		1	132		12	996		1	111		0	0		0	0		*2,459.00*
5.0	Bidding Review	0	0		1	154		0	0		4	480		2	208		0	0		0	0		0	0		0	0		0	0		*842.00*
	TOTAL	1	197		2	308		2	254		20	2400		18	1872		2	264		48	3984	0	4	444		0	0		2	142		**9,865.00**
	Personnel subtotals	197.00			308.00			254.00			2,400.00			1,872.00			264.00			3,984.00			444.00			0.00			142.00			9,865.00

DWL ARCHITECTS + PLANNERS, INC.

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE - DRAFT

DWL ARCHITECTS

Community Center

(48,000 SF Option)

9/4/2018

Task Description		Hourly Billing Rate																														Task Total
		Principal 197.00 per hr.			Project Director 154.00 per hr.			QA/QC Architect 127.00 per hr.			Proj. Manager 120.00 per hr.			Proj. Archt. 104.00 per hr.			Code 132.00 per hr.			Apprentice Arch 83.00 per hr.			Specifier 111.00 per hr.			Graphic Designer 81.00 per hr.			Clerical 71.00 per hr.			
Architectural and Engineering Services		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		
1.0	30%Schematic Design	3	591		232	35728		7	889		322	38640		250	26000		10	1320		380	31540		18	1998		60	4860		40	2840		*144,406.00*
	Alternate Building Option	1	197		20	3080		1	127		50	6000		65	6760		2	264		60	4980		2	222		10	810		10	710		*23,150.00*
2.0	60% / Design Development	4	788		180	27720		30	3810		320	38400		320	33280		24	3168		420	34860		40	4440		60	4860		60	4260		*155,586.00*
3.0	90% / Construction Documents	4	788		150	23100		40	5080		320	38400		360	37440		8	1056		420	34860		80	8880		50	4050		50	3550		*157,204.00*
4.0	100% - Final Construction Documents / Permit Submittal	6	1182		80	12320		40	5080		80	9600		80	8320		8	1056		80	6640		40	4440		20	1620		20	1420		*51,678.00*
5.0	Bidding Review	4	788		18	2772		0	0		40	4800		18	1872		2	264		18	1494		8	888		20	1620		20	1420		*15,918.00*
	TOTAL	22	4334		680	104720		118	14986		1132	135840		1093	113672		54	7128		1378	114374	0	188	20868		220	17820	0	200	14200		547,942.00
	Personnel subtotals	4,334.00			104,720.00			14,986.00			135,840.00			113,672.00			7,128.00			114,374.00			20,868.00			17,820.00			14,200.00			547,942.00

DWL ARCHITECTS + PLANNERS, INC.

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE - DRAFT

Maintenance Building

9/4/2018

DWL ARCHITECTS

Task Description		Hourly Billing Rate																														Task Total
		Principal 197.00 per hr.			Project Director 154.00 per hr.			QA/QC Architect 127.00 per hr.			Proj. Manager 120.00 per hr.			Proj. Archt. 104.00 per hr.			Code 132.00 per hr.			Apprentice Arch 83.00 per hr.			Specifier 111.00 per hr.			Graphic Designer 81.00 per hr.			Clerical 71.00 per hr.			
Architectural and Engineering Services		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		
1.0	30%Schematic Design	1	197		2	308		0	0		8	960		4	416		1	132		14	1162		1	111		0	0		3	213		*3,499.00*
2.0	60% / Design Development	1	197		2	308		1	127		8	960		6	624		1	132		40	3320		2	222		0	0		3	213		*6,103.00*
3.0	90% / Construction Documents	1	197		2	308		2	254		6	720		4	416		2	264		60	4980		2	222		0	0		3	213		*7,574.00*
4.0	100% - Final Construction Documents / Permit Submittal	1	197		2	308		2	254		4	480		4	416		2	264		80	6640		2	222		0	0		1	71		*8,852.00*
5.0	Bidding Review	1	197		1	154		0	0		2	240		0	0		0	0		1	83		1	111		0	0		0	0		*785.00*
	TOTAL	5	985		9	1386		5	635		28	3360		18	1872		6	792		195	16185	0	8	888		0	0	0	10	710		**26,813.00**
	Personnel subtotals	985.00			1,386.00			635.00			3,360.00			1,872.00			792.00			16,185.00			888.00			0.00			710.00			26,813.00

DWL ARCHITECTS + PLANNERS, INC. **Group Ramada**

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE - DRAFT *9/4/2018*

DWL ARCHITECTS

Task Description		Hourly Billing Rate																														Task Total
		Principal 197.00 per hr.			Project Director 154.00 per hr.			QA/QC Architect 127.00 per hr.			Proj. Manager 120.00 per hr.			Proj. Archt. 104.00 per hr.			Code 132.00 per hr.			Apprentice Arch 83.00 per hr.			Specifier 111.00 per hr.			Graphic Designer 81.00 per hr.			Clerical 71.00 per hr.			
Architectural and Engineering Services		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		
1.0	30%Schematic Design	1	197		1	154		0	0		7	840		8	832		1	132		20	1660		1	111		0	0		1	71		*3,997.00*
2.0	60% / Design Development	0	0		1	154		0	0		5	600		8	832		1	132		20	1660		1	111		0	0		1	71		*3,560.00*
3.0	90% / Construction Documents	0	0		1	154		0	0		4	480		8	832		1	132		20	1660		2	222		0	0		1	71		*3,551.00*
4.0	100% - Final Construction Documents / Permit Submittal	1	197		1	154		1	127		1	120		8	832		1	132		30	2490		2	222		0	0		1	71		*4,345.00*
5.0	Bidding Review	1	197		1	154		0	0		1	120		0	0		0	0		0	0		1	111		0	0		0	0		*582.00*
	TOTAL	3	591		5	770		1	127		18	2160		32	3328		4	528		90	7470	0	7	777		0	0		4	284		**16,035.00**
	Personnel subtotals	591.00			770.00			127.00			2,160.00			3,328.00			528.00			7,470.00			777.00			0.00			284.00			16,035.00

DWL ARCHITECTS + PLANNERS, INC.

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE - DRAFT

Restroom Buildings

9/4/2018

DWL ARCHITECTS

Task Description		Hourly Billing Rate																												Task Total
		Principal 197.00 per hr.			Project Director 154.00 per hr.			QA/QC Architect 127.00 per hr.			Proj. Manager 120.00 per hr.			Proj. Archt. 104.00 per hr.			Code 132.00 per hr.			Apprentice Arch 83.00 per hr.			Specifier 111.00 per hr.			Graphic Designer 81.00 per hr.			Clerical 71.00 per hr.			
	Architectural and Engineering Services	Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		
1.0	30%Schematic Design	1	197		2	308		0	0		10	1200		6	624		1	132		20	1660		1	111		0	0		2	142		*4,374.00*
2.0	60% / Design Development	1	197		3	462		1	127		8	960		5	520		1	132		50	4150		3	333		0	0		1	71		*6,952.00*
3.0	90% / Construction Documents	1	197		3	462		2	254		8	960		4	416		1	132		50	4150		3	333		0	0		1	71		*6,975.00*
4.0	100% - Final Construction Documents / Permit Submittal	1	197		2	308		2	254		6	720		4	416		1	132		50	4150		4	444		0	0		0	0		*6,621.00*
5.0	Bidding Review	1	197		1	154		0	0		4	480		0	0		0	0		4	332		1	111		0	0		0	0		*1,274.00*
	TOTAL	5	985		11	1694		5	635		36	4320		19	1976		4	528		174	14442	0	12	1332		0	0		4	284		**26,196.00**
	Personnel subtotals	985.00			1,694.00			635.00			4,320.00			1,976.00			528.00			14,442.00			1,332.00			0.00			284.00			26,196.00

DWL ARCHITECTS + PLANNERS, INC. **Misc. Site**

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE - DRAFT *9/4/2018*

DWL ARCHITECTS

Task Description		Hourly Billing Rate																														Task Total
		Principal 197.00 per hr.			Project Director 154.00 per hr.			QA/QC Architect 127.00 per hr.			Proj. Manager 120.00 per hr.			Proj. Archt. 104.00 per hr.			Code 132.00 per hr.			Apprentice Arch 83.00 per hr.			Specifier 111.00 per hr.			Graphic Designer 81.00 per hr.			Clerical 71.00 per hr.			
Architectural and Engineering Services		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		
1.0	30%Schematic Design	0	0		1	154		0	0		4	480		4	416		1	132		12	996		1	111		0	0		1	71		*2,360.00*
2.0	60% / Design Development	0	0		0	0		0	0		4	480		4	416		0	0		12	996		1	111		0	0		1	71		*2,074.00*
3.0	90% / Construction Documents	0	0		0	0		1	127		4	480		4	416		0	0		12	996		1	111		0	0		0	0		*2,130.00*
4.0	100% - Final Construction Documents / Permit Submittal	1	197		0	0		1	127		4	480		4	416		1	132		12	996		1	111		0	0		0	0		*2,459.00*
5.0	Bidding Review	0	0		1	154		0	0		4	480		2	208		0	0		0	0		0	0		0	0		0	0		*842.00*
	TOTAL	1	197		2	308		2	254		20	2400		18	1872		2	264		48	3984	0	4	444		0	0		2	142		**9,865.00**
	Personnel subtotals	197.00			308.00			254.00			2,400.00			1,872.00			264.00			3,984.00			444.00			0.00			142.00			9,865.00

DWL ARCHITECTS + PLANNERS, INC.

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE 9/4/2018

DWL ARCHITECTS

SUMMARY

TASK	Architectural/Administartive	*Community Center* *(31,000 sf)*	Community Center (48,000 sf)	Restroom Buildings	Maintenance Building	Group Ramada	Misc. Site	TOTALS
1.0	**30% Schematic Design**		$ 144,406.00	$ 4,374.00	$ 3,499.00	$ 3,997.00	$ 2,360.00	$ 158,636.00
	***Alternate Building Option**		*$ 23,150.00*	-	-	-	-	*$ 23,150.00*
2.0	**60% Design Development**		$ 155,586.00	$ 6,952.00	$ 6,103.00	$ 3,560.00	$ 2,074.00	$ 174,275.00
3.0	**90% Construction Documents**		$ 157,204.00	$ 6,975.00	$ 7,574.00	$ 3,551.00	$ 2,130.00	$ 177,434.00
4.0	**100% Construction Documents / Permit Submittal**		$ 51,678.00	$ 6,621.00	$ 8,852.00	$ 4,345.00	$ 2,459.00	$ 73,955.00
5.0	**Bidding/Negotiation**		$ 15,918.00	$ 1,274.00	$ 785.00	$ 582.00	$ 842.00	$ 19,401.00
	TOTAL	*$365,768*	**$547,942**	**$26,196**	**$26,813**	**$16,035**	**$9,865**	**$626,851**

Please note that these are not stand alone packages. The fee assumes one drawing package and costs are broken out as shown for budget purposes only.

** Community Center 30% fee estimate includes second building option.*

*** This compensation estimate assumes concurrent design for building and site elements.*

DWL ARCHITECTS + PLANNERS, INC.

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE - DRAFT

DWL ARCHITECTS

Community Center

(48,000 SF Option)

9/4/2018

Task Description		Hourly Billing Rate																														Task Total
		Principal 197.00 per hr.			Project Director 154.00 per hr.			QA/QC Architect 127.00 per hr.			Proj. Manager 120.00 per hr.			Proj. Archt. 104.00 per hr.			Code 132.00 per hr.			Apprentice Arch 83.00 per hr.			Specifier 111.00 per hr.			Graphic Designer 81.00 per hr.			Clerical 71.00 per hr.			
Architectural and Engineering Services		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		
1.0	30%Schematic Design	3	591		232	35728		7	889		322	38640		250	26000		10	1320		380	31540		18	1998		60	4860		40	2840		*144,406.00*
	Alternate Building Option	1	197		20	3080		1	127		50	6000		65	6760		2	264		60	4980		2	222		10	810		10	710		*23,150.00*
2.0	60% / Design Development	4	788		180	27720		30	3810		320	38400		320	33280		24	3168		420	34860		40	4440		60	4860		60	4260		*155,586.00*
3.0	90% / Construction Documents	4	788		150	23100		40	5080		320	38400		360	37440		8	1056		420	34860		80	8880		50	4050		50	3550		*157,204.00*
4.0	100% - Final Construction Documents / Permit Submittal	6	1182		80	12320		40	5080		80	9600		80	8320		8	1056		80	6640		40	4440		20	1620		20	1420		*51,678.00*
5.0	Bidding Review	4	788		18	2772		0	0		40	4800		18	1872		2	264		18	1494		8	888		20	1620		20	1420		*15,918.00*
	TOTAL	22	4334		680	104720		118	14986		1132	135840		1093	113672		54	7128		1378	114374	0	188	20868		220	17820	0	200	14200		547,942.00
	Personnel subtotals	4,334.00			104,720.00			14,986.00			135,840.00			113,672.00			7,128.00			114,374.00			20,868.00			17,820.00			14,200.00			547,942.00

DWL ARCHITECTS + PLANNERS, INC.

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE - DRAFT

Maintenance Building

9/4/2018

DWL ARCHITECTS

Task Description		Hourly Billing Rate																														Task Total
		Principal 197.00 per hr.			Project Director 154.00 per hr.			QA/QC Architect 127.00 per hr.			Proj. Manager 120.00 per hr.			Proj. Archt. 104.00 per hr.			Code 132.00 per hr.			Apprentice Arch 83.00 per hr.			Specifier 111.00 per hr.			Graphic Designer 81.00 per hr.			Clerical 71.00 per hr.			
Architectural and Engineering Services		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		
1.0	30%Schematic Design	1	197		2	308		0	0		8	960		4	416		1	132		14	1162		1	111		0	0		3	213		*3,499.00*
2.0	60% / Design Development	1	197		2	308		1	127		8	960		6	624		1	132		40	3320		2	222		0	0		3	213		*6,103.00*
3.0	90% / Construction Documents	1	197		2	308		2	254		6	720		4	416		2	264		60	4980		2	222		0	0		3	213		*7,574.00*
4.0	100% - Final Construction Documents / Permit Submittal	1	197		2	308		2	254		4	480		4	416		2	264		80	6640		2	222		0	0		1	71		*8,852.00*
5.0	Bidding Review	1	197		1	154		0	0		2	240		0	0		0	0		1	83		1	111		0	0		0	0		*785.00*
	TOTAL	5	985		9	1386		5	635		28	3360		18	1872		6	792		195	16185	0	8	888		0	0	0	10	710		**26,813.00**
	Personnel subtotals	985.00			1,386.00			635.00			3,360.00			1,872.00			792.00			16,185.00			888.00			0.00			710.00			26,813.00

DWL ARCHITECTS + PLANNERS, INC. **Group Ramada**

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE - DRAFT *9/4/2018*

DWL ARCHITECTS

Task Description		Hourly Billing Rate																														Task Total
		Principal 197.00 per hr.			Project Director 154.00 per hr.			QA/QC Architect 127.00 per hr.			Proj. Manager 120.00 per hr.			Proj. Archt. 104.00 per hr.			Code 132.00 per hr.			Apprentice Arch 83.00 per hr.			Specifier 111.00 per hr.			Graphic Designer 81.00 per hr.			Clerical 71.00 per hr.			
Architectural and Engineering Services		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		
1.0	30%Schematic Design	1	197		1	154		0	0		7	840		8	832		1	132		20	1660		1	111		0	0		1	71		*3,997.00*
2.0	60% / Design Development	0	0		1	154		0	0		5	600		8	832		1	132		20	1660		1	111		0	0		1	71		*3,560.00*
3.0	90% / Construction Documents	0	0		1	154		0	0		4	480		8	832		1	132		20	1660		2	222		0	0		1	71		*3,551.00*
4.0	100% - Final Construction Documents / Permit Submittal	1	197		1	154		1	127		1	120		8	832		1	132		30	2490		2	222		0	0		1	71		*4,345.00*
5.0	Bidding Review	1	197		1	154		0	0		1	120		0	0		0	0		0	0		1	111		0	0		0	0		*582.00*
	TOTAL	3	591		5	770		1	127		18	2160		32	3328		4	528		90	7470	0	7	777		0	0		4	284		**16,035.00**
	Personnel subtotals	591.00			770.00			127.00			2,160.00			3,328.00			528.00			7,470.00			777.00			0.00			284.00			16,035.00

DWL ARCHITECTS + PLANNERS, INC.

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE - DRAFT

Restroom Buildings

9/4/2018

DWL ARCHITECTS

Task Description		Hourly Billing Rate																												Task Total
		Principal 197.00 per hr.			Project Director 154.00 per hr.			QA/QC Architect 127.00 per hr.			Proj. Manager 120.00 per hr.			Proj. Archt. 104.00 per hr.			Code 132.00 per hr.			Apprentice Arch 83.00 per hr.			Specifier 111.00 per hr.			Graphic Designer 81.00 per hr.			Clerical 71.00 per hr.			
	Architectural and Engineering Services	Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		
1.0	30%Schematic Design	1	197		2	308		0	0		10	1200		6	624		1	132		20	1660		1	111		0	0		2	142		*4,374.00*
2.0	60% / Design Development	1	197		3	462		1	127		8	960		5	520		1	132		50	4150		3	333		0	0		1	71		*6,952.00*
3.0	90% / Construction Documents	1	197		3	462		2	254		8	960		4	416		1	132		50	4150		3	333		0	0		1	71		*6,975.00*
4.0	100% - Final Construction Documents / Permit Submittal	1	197		2	308		2	254		6	720		4	416		1	132		50	4150		4	444		0	0		0	0		*6,621.00*
5.0	Bidding Review	1	197		1	154		0	0		4	480		0	0		0	0		4	332		1	111		0	0		0	0		*1,274.00*
	TOTAL	5	985		11	1694		5	635		36	4320		19	1976		4	528		174	14442	0	12	1332		0	0		4	284		**26,196.00**
	Personnel subtotals	985.00			1,694.00			635.00			4,320.00			1,976.00			528.00			14,442.00			1,332.00			0.00			284.00			26,196.00

DWL ARCHITECTS + PLANNERS, INC. **Misc. Site**

City of Goodyear

Community Recreation Center

COMPENSATION ESTIMATE - DRAFT *9/4/2018*

DWL ARCHITECTS

Task Description		Hourly Billing Rate																														Task Total
		Principal 197.00 per hr.			Project Director 154.00 per hr.			QA/QC Architect 127.00 per hr.			Proj. Manager 120.00 per hr.			Proj. Archt. 104.00 per hr.			Code 132.00 per hr.			Apprentice Arch 83.00 per hr.			Specifier 111.00 per hr.			Graphic Designer 81.00 per hr.			Clerical 71.00 per hr.			
Architectural and Engineering Services		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		Hours	Direct Cost		
1.0	30%Schematic Design	0	0		1	154		0	0		4	480		4	416		1	132		12	996		1	111		0	0		1	71		*2,360.00*
2.0	60% / Design Development	0	0		0	0		0	0		4	480		4	416		0	0		12	996		1	111		0	0		1	71		*2,074.00*
3.0	90% / Construction Documents	0	0		0	0		1	127		4	480		4	416		0	0		12	996		1	111		0	0		0	0		*2,130.00*
4.0	100% - Final Construction Documents / Permit Submittal	1	197		0	0		1	127		4	480		4	416		1	132		12	996		1	111		0	0		0	0		*2,459.00*
5.0	Bidding Review	0	0		1	154		0	0		4	480		2	208		0	0		0	0		0	0		0	0		0	0		*842.00*
	TOTAL	1	197		2	308		2	254		20	2400		18	1872		2	264		48	3984	0	4	444		0	0		2	142		**9,865.00**
	Personnel subtotals	197.00			308.00			254.00			2,400.00			1,872.00			264.00			3,984.00			444.00			0.00			142.00			9,865.00

EXHIBIT A - Level 1

48,000 SF

DWL ARCHITECTS + PLANNERS, INC.
2333 N. Central Ave.
Phoenix, AZ 85004
tel 602.264.9731
dwlarchitects.com

CITY OF GOODYEAR
GOODYEAR COMMUNITY RECREATION CENTER

REVISIONS

No.	Description	Date

PREDESIGN

KEY:

SHEET TITLE:
CONCEPT LAYOUT EXHIBIT A - L1

SHEET NUMBER:

DRAWN BY:

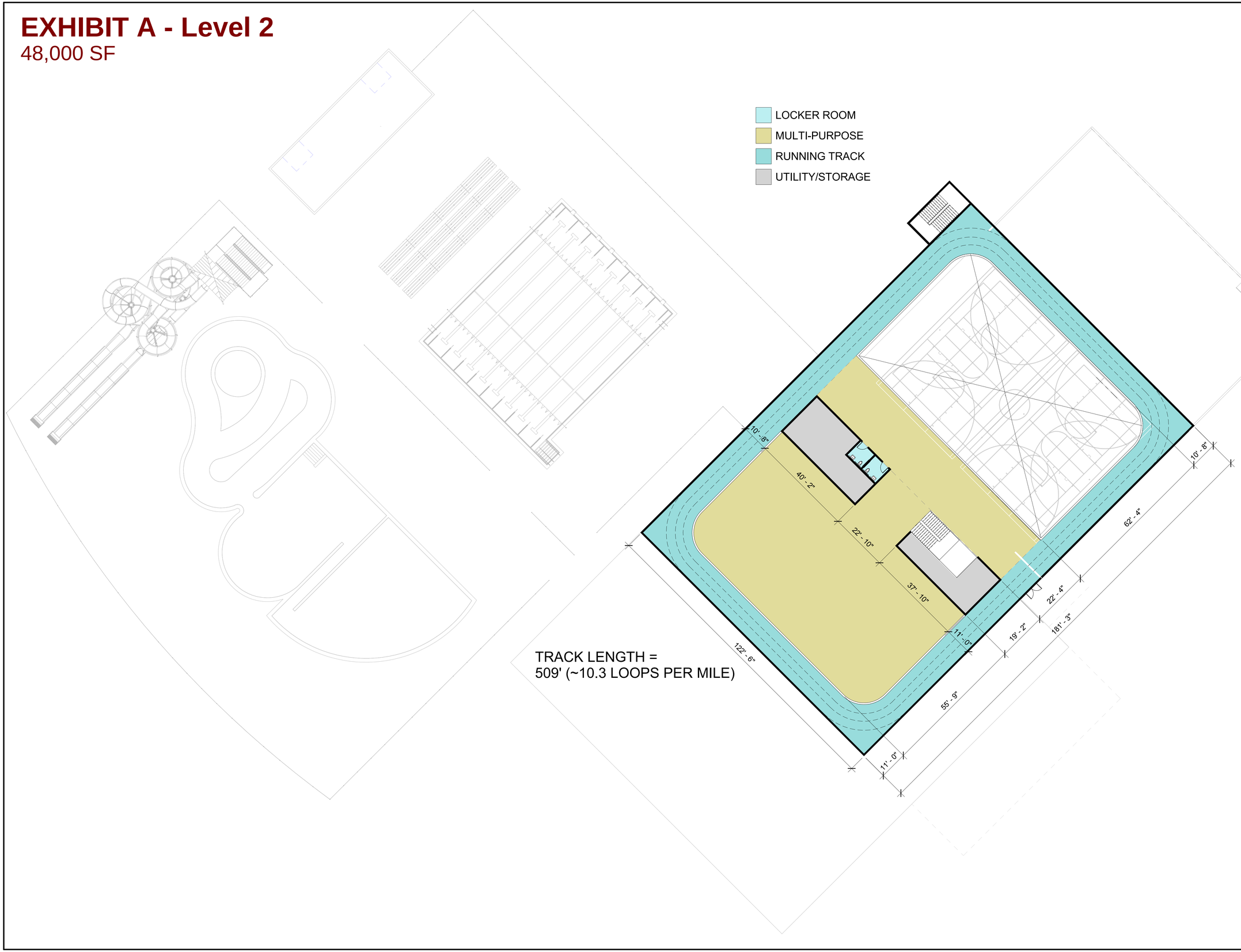
REVIEWED BY:

DATE:
8/22/2018

PROJECT NUMBER:

EXHIBIT A - Level 2

48,000 SF



TRACK LENGTH =
509' (~10.3 LOOPS PER MILE)

DWL
ARCHITECTS + PLANNERS, INC.
2333 N. Central Ave.
Phoenix, AZ 85004
tel 602.264.9731
dwlarchitects.com

CITY OF GOODYEAR
GOODYEAR COMMUNITY RECREATION CENTER

REVISIONS

No.	Description	Date

PREDESIGN

KEY:

SHEET TITLE:
CONCEPT
LAYOUT
EXHIBIT A - L2

SHEET NUMBER:

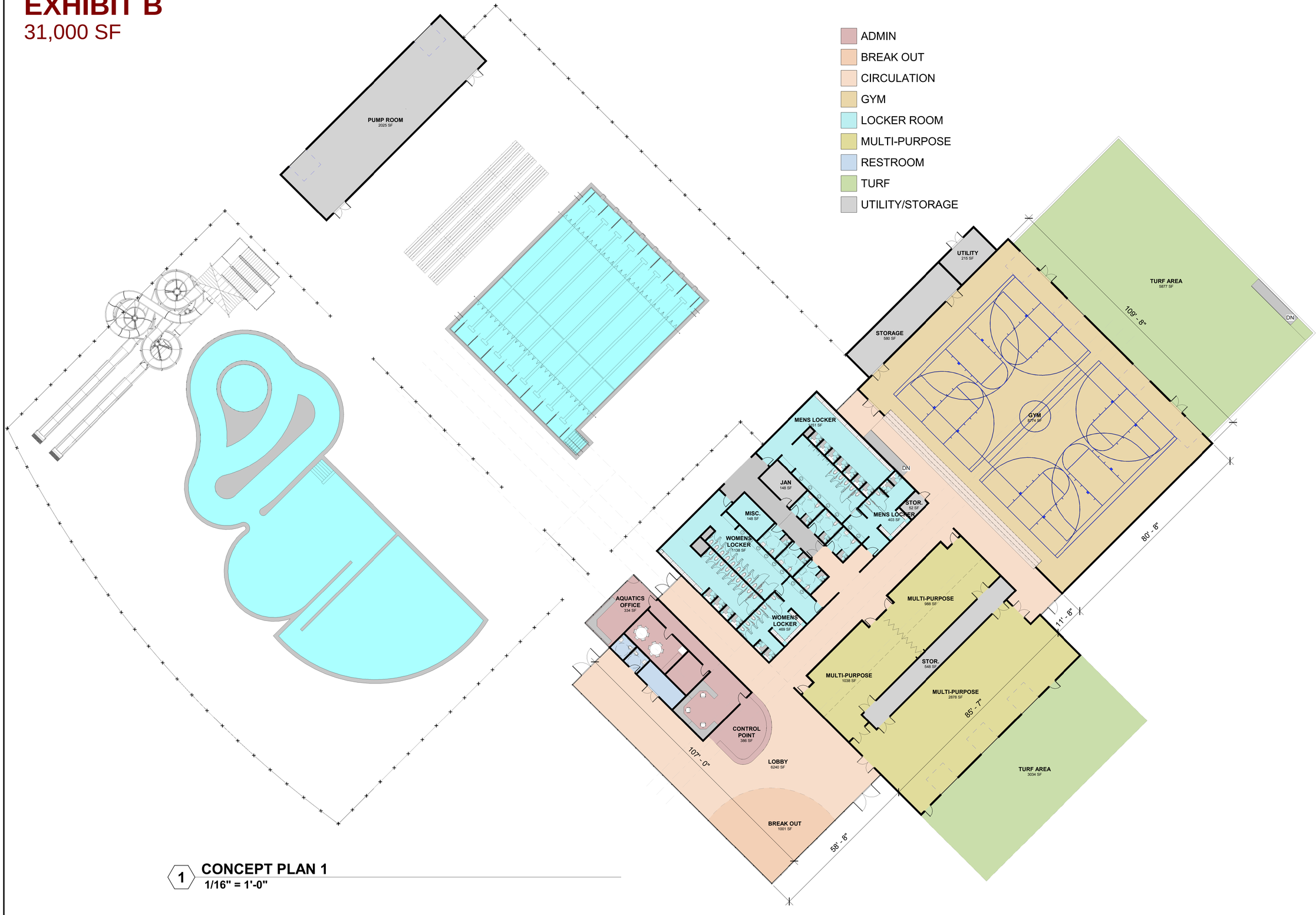
DRAWN BY:

REVIEWED BY:

DATE:
8/22/2018

PROJECT NUMBER:

EXHIBIT B
31,000 SF



1 CONCEPT PLAN 1
1/16" = 1'-0"

DWL ARCHITECTS + PLANNERS, INC.
2333 N. Central Ave.
Phoenix, AZ 85004
tel 602.264.9731
dwlarchitects.com

CITY OF GOODYEAR
GOODYEAR COMMUNITY RECREATION CENTER

REVISIONS

No.	Description	Date

PREDESIGN

KEY:

SHEET TITLE:
CONCEPT
LAYOUT
EXHIBIT B

SHEET NUMBER:

DRAWN BY:
REVIEWED BY:
DATE: 8/22/2018
PROJECT NUMBER:

Professional Services Proposal

Goodyear Park Recreation Center Outdoor Pools

Goodyear AZ

WTI Project Number: 17067.02
REVISED August 31, 2018

Client

Kimley-Horn and Associates, Inc.
Sean Wozny, PE, PLA, LEED AP BD+C
Principal
7740 N 16th St. Suite 300
Phoenix, AZ 85020
O: 602.906.1107
M: 602.321.8350
E: Sean.Wozny@kimley-horn.com

Consultant

Water Technology, Inc. (WTI)
100 Park Avenue, PO Box 614
Beaver Dam, WI 53916
www.wtiworld.com

Douglass Whiteaker, Principal
M: 920.210.1110
E: dwhiteaker@wtiworld.com

Nicole Radosevic, Controller
T: 920.887.7375
E: nradosevic@wtiworld.com

Project Understanding

Scope

WTI services involve the design of the aquatic components as developed in the conceptual design and master planning phase. WTI will also provide design and engineering for the associated specialty mechanical and water treatment systems.

Description

The project involves the design of an outdoor recreation center aquatic components located in a new community park. The initial design included a cool water lap/program pool, warm water lifestyle pool, and dynamic water slide with runout.

Budget

The project final budget is a work in process and will be confirmed during the design phases. The current scope components are as follows:

- Eight Lane 25-yard heated lap/competition pool with 1 M springboard diving well, under water pool lights and competition equipment.
- Family Lifestyle pool to include a splash play zone, zero depth entry with spray play features, lazy river, water slide complex with run out flumes, under water pool lighting.
- Site work to be coordinated to align with Maricopa Health Department for deck clearances, slopes and evening use area lighting.

Scope of Services

Schematic Design

WTI will consult with the Client to confirm project goals and requirements, and develop the spatial relationships of the aquatic components of the project. For the Schematic Design (SD) phase, WTI will perform the following tasks:

- Confirm Aquatic Program and Capacities
- Confirm Aquatic Mechanical Program
- Define Pool Zones, Depths, and Turnover Rates
- Develop Water Rides, Activities, and Features
- Develop Pool Wall Profile Options
- Select Preliminary Mechanical Equipment
- Develop Preliminary Mechanical Equipment Layout
- Develop Aquatic Drawings
    - SD Level Plans, Sections, and Details
- Develop Preliminary Utility Requirements
- Develop Rough Order of Magnitude (ROM) Aquatic Construction Cost Opinion

Design Development

Based on the Client approved SD Deliverables, WTI will develop designs of the aquatic areas and systems. For the Design Development (DD) phase, WTI will perform the following tasks:

- Finalize Pool Wall Profile(s)
    - Shapes and Depths
- Define Pool Specialty Equipment
- Define Pool Mechanical Equipment
- Develop Pool Mechanical Equipment Layout
- Develop Aquatic Drawings
    - Pool Plans, Sections, and Details
    - Pool Structural Design

    - Preliminary Pool Piping Plans, and Piping Details
    - Pool Mechanical Plans, Schedules, and Details
- Develop Draft Specifications
- Develop Utility Requirements
- Conduct Inter-Disciplinary Review and Coordinate with other Consultants of the Client
- Verify Aquatic Design for Code Compliance
- Develop Preliminary Aquatic Construction Cost Opinion

Construction Documents

Based on the Client approved DD Deliverables, WTI will finalize the designs of the aquatic areas and systems. Final CD Deliverables will contain information suitable for contractors to provide construction pricing or bidding. Final CD Drawings provided by WTI will contain the Professional Seal of an Architect or Engineer licensed in the State of the project site and will be suitable for review by permitting agencies with jurisdiction over the project. For the Construction Document (CD) phase, WTI will perform the following tasks:

- Coordinate with DWL and KHA to align with site and architectural design.
- Finalize Pool Equipment Schedule
- Finalize Pool Mechanical Equipment Schedule
- Assemble Final Pool and Pool Mechanical Details
- Generate Final Pipe Schedules and Piping Plans
- Finalize Aquatic Drawings
    - Pool Plans, Sections, and Details
    - Pool Structural Design
    - Pool Piping Plans, and Piping Details
    - Pool Mechanical Plans, Schedules, and Details
    - Pool Mechanical Schematics
    - Electrical Schematic Narratives
- Develop Specifications
- Finalize Utility Requirements
- Finalize Coordination with other Consultants of the Client
- Perform Internal Quality Assurance Procedure
- Address Questions and Comments from Permitting Agencies such as City of Goodyear and Maricopa County DPH.
- Prepare and submit Swimming Pool review applications for local jurisdiction.

Bidding and Negotiation

WTI will assist the Client and coordinate with CMAR (Hunter Contracting together with Shasta Pools) during bid document preparation and negotiation of the Contract Documents. For the Bidding and Negotiation (BN) phase, WTI will perform the following tasks:

- Respond to aquatic related Request For Information (RFI)
- Provide information and clarifications for Client's Addenda
- Assist in the interview of the Pool Contractors, if requested by Client

Construction Administration

WTI will assist the Client during construction of the project. WTI will periodically visit the project site and will endeavor to observe the construction for conformance to the CD Deliverables. For the Construction Administration (CA) phase, WTI will perform the following tasks:

- Participate in Revit model exchanges and BIM coordination phone calls as requested
- Review requested Submittals, including Shop Drawings and other information
- Review Pool Contractor Change Order requests
- Correspond with Permitting Agencies regarding aquatic questions

- Review Pool Contractor prepared Aquatic Operation and Maintenance Manual (O&M Manual)
- Conduct Site Observations
- Provide Field Reports on Site Observations
- Review Punch List prepared by Pool Contractor

Requirements

The following information, materials, and approvals are required for WTI to effectively and efficiently perform the services described in this proposal. The Client shall provide WTI, at no cost, with the following:

- Project site surveys
- Project record drawings, if applicable
- Project site geotechnical analysis and reports
    - WTI will base design upon standard soils conditions with an assumed bearing capacity of 2,500 pounds per square foot. If soil conditions differ, or include expansive, environmental, high groundwater, organics or other deleterious conditions, additional structural services and fees may be required.
- Project site water analysis and testing
- Preferred title block, sheet sizes, or other drawing format details
- Background drawings and models, including site and building(s), for incorporation of WTI designs
- Written approval of WTI produced Deliverables at the completion of each Phase of work
- Construction contract bid documents and addenda
- Construction contract bid responses and results

Deliverables

Schematic Design

- SD Drawing Set
- Preliminary Utility Requirements
- Preliminary Aquatic Construction Cost Opinion

Design Development

- DD Drawing Set
- Draft Specifications
- Updated Utility Requirements
- Preliminary Aquatic Construction Cost Opinion

Construction Documents

- CD Progress and Coordination Drawing Sets
    - WTI shall provide a 90% review set in advance of final deliverable. Client to provide comments and feedback no later than 30 days prior to final deliverable due date.
- CD Drawing Set
- Specifications – Division 13 11 Swimming Pools
- WTI will attend Maricopa County Health Department Variance Meetings as required.

Bidding and Negotiation

- Coordinate with CMAR and Shasta Pools
- RFI Response(s)
- Addenda Drawings and Documentation, as required.

Construction Administration

- Review of Submittals
- Review of Change Orders if they occur.
- Review of Aquatic O&M Manual
- Field Reports
- Review of Punch List

Digital Data

WTI will produce digital designs for incorporation into the Client's drawings/models. WTI anticipates producing three-dimensional design models and shared digital material will consist only of model geometry. Inclusion of additional data in digital models, such as for projects utilizing REVIT Building Information Modeling (BIM), may be requested as an Additional Service. WTI will utilize Newforma Project Center as the preferred method of transmitting digital materials.

Schedule

WTI's aquatic experts have an intimate understanding of the process and timing needed to achieve the level of coordination required for a successfully developed, high quality aquatic document package. Our fee is based on the following projected phase schedule:

Schematic Design: 14 weeks
Design Development: 14 weeks
Construction Documents: 14 weeks
Coordinate with KHA to align with project opening requirements.

We understand that abbreviated schedules may sometimes be required, however in our experience, this puts the Owner, Client and WTI at risk. To expedite a project, please be aware that a discussion of those risks is required, in addition to a corresponding fee adjustment.

Services Provided by Others

WTI will assist with coordinating all WTI provided services with other disciplines of the project team to provide permit plans. A non-comprehensive outline of scope for coordination and exclusion from the proposed WTI Scope of Services is below. The following services and project scope shall be the responsibility of the Client, or other Consultants of the Client.

Architecture (DWL)

- Pool Room / Natatorium
- Change Facilities, Bathhouses, Locker Rooms, Food Areas, Retail Areas, Offices
- Pool Mechanical Equipment Rooms
- HVAC Mechanical Rooms
- Pool Chemical Storage Rooms
- Pool Equipment Storage Rooms
- Pool Deck

Landscape Architecture (KHA)

- Landscaping and irrigation
- Fences and perimeter barriers
- Pool deck, and pedestrian walks
- Shade structures and pavilions

Civil Engineering (KHA)

- Parking and vehicular access
- Storm and Sanitary sewers
- Site grading and pool deck drainage

- Pool filter backwash disposal piping
- Utility distribution, including gas, electric and water

Structural Engineering (DWL & CTS)

- Building foundations, footings, bearing and spanning systems, including building support of pool vessels, pool deck, pool mechanical equipment, and pool piping
- Design of secondary containment for elevated pool vessels and elevated pool piping
    - Waterproofing of secondary containment of a vessel
- Surge tank concrete and reinforcement, access hatch, and ladder
- Pump pit(s) concrete and reinforcement, grating, railings, and stairs
- Waterproofing Specification. (Waterproofing scope recommended by structural.)
- Filtration and other mechanical equipment pads and slabs
- Pool deck concrete and reinforcement, and joint sealant
- Slide tower supports, footings, stairs, railings, and platforms

Mechanical Engineering (KHA)

- Pool heater venting and exhaust
- Pool chemical storage room venting and exhaust
- Pool mechanical equipment room HVAC
- Pool room HVAC

Electrical Engineering (KHA)

- Aquatic Electrical Drawings
    - Layout and Specification of all Pool Electrical Equipment including electrical disconnects, variable frequency drives, and/or motor starters for all pool pumps.
    - Power supply distribution schedules and coordination.
- Pool room/area lighting
- Pool mechanical equipment room lighting
- Pool deck reinforcement grounding and bonding
- Pool mechanical equipment room subpanel(s) and breakers
- Scoreboards and timing system conduit
- Slides/Rides control and low voltage wiring

Plumbing (KHA)

- Pool deck drains, drain locations, and drain piping to waste
- Pool mechanical equipment room floor drains, and drain piping to waste
- Pool mechanical equipment room potable water supply, including piping to pool auto-fill
- Pool mechanical equipment room emergency eyewash station
- Fire suppression of any kind

Testing and Analysis

- Geotechnical testing and analysis (RAMM)
- Local water testing and analysis by City Water provider based on worksheet provided by WTI

Administrative

- Permits and regulatory fees.
    - WTI will provide pool system information to the Client of complete construction permit applications, however KHA will provide for submission and payment of fees and variance applications from allowance. WTI will attend Maricopa County Health Department Variance Meetings as required.
- Front-end specifications will be CSI format as provided by KHA
- Document reproduction and distribution

- Preparation of addenda by CMAR with input on critical items by WTI
- Maintenance of the plan holder list
- Record Drawings (unless accepted as an Additional Service in future)

Terms and Conditions

Basis of Agreement

This proposal incorporates by reference AIA Document B101-2007, Standard Form of Agreement Between Owner and Architect, or AIA Document C401-2007, Standard Form of Agreement Between Architect and Consultant. The general conditions of the contract will be defined in AIA Document A201-2007, General Conditions of the Contract for Construction.

Scope of Services

Services offered are limited to those services described in the proposal. No other services are offered or implied unless specifically addressed in the proposal.

Expiration

The attached proposal is considered valid for a period of ninety (90) days from the date of the proposal or its last revision date, if any. Proposals older than ninety (90) days are expired, unless reissued by WTI with a reissue date.

Payment

All proposals are based upon payment in US dollars. Invoices will be issued monthly and are payable within forty-five (45) days of date of invoice. An interest rate of one percent (1.0%) per month will be payable on any amount not paid within this time period. Attorney's fees and any other costs incurred in collecting delinquent accounts shall be paid by Client. WTI will invoice professional fees monthly, on a percent complete basis, throughout the project term.

Hourly Charges/Additional Services

WTI personnel will be charged at the following rates:

Principal/Director	$200.00
Project Manager/Engineer	$150.00
Creative Studio	$130.00
Project Design	$115.00
Mechanical Design	$135.00
Technical Design	$85.00
Administrative	$60.00

These rates are valid for a period of twelve (12) months from date of an accepted proposal. These rates are not valid for work involving claims settlement, expert witness or litigation work. Additional services, if requested by Client, will be performed on a stipulated sum or hourly basis, as agreed to in writing by both parties prior to initiating the additional services.

Reimbursable Expenses

Expenses and services not directly provided by WTI will be invoiced at one and 10/100 (1.10) times cost. Reimbursable expenses include travel expenses, printing of drawings and/or specifications and expedited delivery service. International travel is business class air. Domestic airfare will be premium economy (changeable and refundable). These costs are not included in WTI's fee unless specifically noted as included in our proposal. Air fares are based on seven (7) days advanced purchase. Costs associated with customer requested modifications to travel arrangements after purchase by WTI will be an addition to the contract sum.

Additional Project Related Costs

The following costs are not included in our proposal and should be anticipated in the owner's budgeting: geotechnical services and reports, topographic and boundary surveys (site surveys), testing, project related insurance, legal and safety consultant services, permits and fees, and marketing and operations development.

Project Requirements

The following information, records and electronic media will be provided to WTI at no cost:

- AutoCAD files of building, site and other work being prepared by others.
- Copies of geotechnical investigations, surveys and programming information.
- Complete set of plans and specifications of the building and site bid documents.

Standard of Care

Services provided by WTI under this Agreement will be performed in a manner consistent with that degree of skill and care ordinarily exercised by members of the same profession currently practicing under similar circumstances and in accordance with the governing codes and regulations adopted at the time of the execution of this Agreement. No other warranty or representation, either expressed or implied, is included or intended in our proposals, contracts, plans and specifications or reports.

Risk Allocation

Client agrees that to the fullest extent permitted by law, WTI's total liability to Client for any and all injuries, claims, losses, expenses, damages or claims expenses arising out of this Agreement from any cause or causes, shall not exceed the total amount of fees for services for this project or twenty-five thousand and no/100 dollars ($25,000.00), whichever is greater.

Governance

This Agreement shall be governed by the laws of the State of Wisconsin.

Insurance

Notwithstanding any other provisions in this Agreement, nothing shall be construed so as to void, vitiate, adversely affect or in any other way impair any insurance coverage held by either party to this Agreement. During the term of this agreement, WTI agrees to provide evidence of insurance coverage as shown in the example Insurance Certificate attached hereto. In addition, WTI will attempt to maintain continuous professional liability coverage for the period of design and construction of this project, and for a period of three (3) years following substantial completion, if such coverage is reasonable available at commercially affordable premiums. For the purposes of this agreement, "reasonably available" and "commercially affordable" shall mean that more than half the design professionals practicing in this state in this discipline are able to obtain such coverage. Owner will require that any party hired for the construction of the project, including but not limited to the general contractor, construction manager, and subcontractors will include, in addition to the Owner, Water Technology, Inc. and it's consultants as additional insured for all policies related to the project. Standard insurance carried by WTI is as follows:

General Liability (Occurrence)	$1.0 Million USD
General Aggregate (Project)	$2.0 Million USD
Automobile	$1.0 Million USD
Umbrella/ Excess (Occurrence)	$4.0 Million USD
Workers Compensation	Statutory
Professional Liability (Occurrence)	$2.0 Million USD
Professional Liability (Aggregate)	$4.0 Million USD

Costs for additional coverage limits, if requested, will be paid for by Client.

Photography

The project architect agrees that any published photos, descriptions or award submittals of the project that include reference to the aquatic work shall include WTI as the aquatic consultant.

Client Services

As part of WTI's quality assurance program, WTI will contact the Owner regarding services provided by WTI.

Dispute Resolution

In an effort to resolve any conflicts that arise during the design or construction of the project or following the completion of the project, Client and WTI agree that all disputes between them arising out of or relating to this agreement shall be submitted to nonbinding mediation unless the parties mutually agree otherwise. Client and WTI further agree to include a similar mediation provision in all agreements with independent contractors and consultants retained for the project and to require all independent contractors and consultants also to include a similar mediation provision in all agreements with subcontractors, subconsultants, suppliers or fabricators so retained, thereby providing all mediation as the primary method for dispute resolution, between the parties to those agreements. No mediation arising out of or relating to this agreement shall include, by consolidation, joinder or in any other manner, an additional person or entity not a party to this agreement, except by written consent containing a specific reference to this agreement signed by Client, WTI and any other person or entity sought to be joined. Consent to mediation involving an additional person or entity duly consented to by the parties to this agreement shall be specifically enforceable in accordance with applicable law in any court having jurisdiction thereof.

Hazardous Materials

Client represents to WTI that to the best of Client's knowledge no hazardous or toxic substances within the meaning of any applicable statute or regulation are presently stored, or otherwise located, on the project site or adjacent thereto. Further, within the definition of such statutes or regulations, no part of the project site or adjacent real estate, including the ground water located thereon, is presently contaminated.

Existing Conditions

Inasmuch as the remodeling and/or rehabilitation of an existing site/structure requires that certain assumptions be made regarding existing conditions, and because some of these assumptions may not be verifiable without expending additional sums of money or destroying otherwise adequate or serviceable portions of the building, Client agrees, to fullest extent permitted by law, to indemnify and hold the design professional harmless from any claim, liability or cost (including reasonable attorney's fees and costs of defense) for injury or economic loss arising or allegedly arising out of the professional services provided under this agreement, excepting only those damages, liabilities or costs attributable to the sole negligence or willful misconduct of the design professional.

Termination

Either party may terminate the agreement for convenience after seven (7) days written notice of intent to terminate. Client shall be responsible for all costs and charges incurred up to the date of termination, including reasonable costs for WTI to close the work and

organize files. WTI agrees not to charge for lost or anticipated profits on the work not completed and will provide copies of work files to Client upon receipt of final payment.

Fee for Professional Services

Fee

WTI professional services are offered for a stipulated lump sum, and are contingent upon WTI Terms and Conditions.

Fee for Professional Services ..... $98,270 USD

Fee Breakdown per Phase

Schematic Design..... $23,240
Design Development $32,530
Construction Documents..... $40,170
Bidding & Negotiation $2,330
Construction Administration ..... Not Included TBD in Future with Separate Fee

Trips

WTI has included a total of up to the following number of trips, excluding travel expenses, to facilitate meetings and/or conduct site visits.

Design and Coordination Meetings..... 10
Construction Administration Site Visits..... TBD

Reimbursable Expenses

Project related expenses are reimbursable and are not included in the proposed fee. Reimbursable expenses include travel, swimming pool permit fees, express shipping, and printing. Travel costs may vary depending on length of stay and number of WTI professionals required. Adding or combining tasks and meetings to trips will vary the cost of travel. Trip cost may vary because of unanticipated fluctuation in the cost of travel. WTI will make every reasonable effort to travel efficiently. WTI estimates reimbursable expenses for the project scope will be in $1,750.

Acknowledgement

This proposal will remain valid for a period of 90 days. Please provide the signature of an authorized representative on the line below indicting acceptance of the proposed scope and fee for professional services.

Water Technology, Inc.

Signature

Name / Title

Date

Kimley Horn Associates (KHA)

Signature

Name / Title

Date

Additional Services

As an additional service for our Clients, WTI proposes the following supplementary scope of work for consideration. Please indicate acceptance by initialing box next to selected alternate.

☐ Alternate 1: Additional Trips ..... $1,250 USD
If additional trips are requested, WTI will charge $1,250.00 USD plus travel expenses, assuming one WTI professional for one overnight stay.

☐ Alternate 2: Record Drawings ..... $1,800 USD
WTI will provide a final record set of drawings based on post addenda information supplied by the Contractor(s).

☐ Alternate 3: Eleven (11) Month Site Visit ..... $2,500 USD
WTI will provide an additional site visit and field report to facilitate any contractor or equipment warranties.

Aqua Engineering Inc.
Innovative Water Solutions

11022 South 51st Street
Suite 104
Phoenix, AZ 85044
480.222.0360 office
www.aquaengineering.com

August 20, 2018

Mr. Jeff Kratzke
Kimley-Horn & Associates
7740 North 16th Street, Suite 300
Phoenix, AZ 85020

RE: Goodyear Recreation Campus – Phase One
Irrigation and Pumping System Design
Goodyear, Arizona

Jeff,

We are pleased to submit this Proposal for Irrigation and Pumping System Design and Engineering Services for the Goodyear Recreation Campus - Phase One project in Goodyear, Arizona. Our proposal is based on our telephone and email correspondence, and the Master Plan Conceptual Diagram which we received from your office on 03/07/2018.

The defined Scope of Work to be performed and our proposed Fees to be charged are described in Exhibits A and B, respectively. If you wish to contract our services, please attach this proposal to your standard sub-consultant Task Order agreement and return to Aqua Engineering for review and signature.

When we receive the executed Agreement from you, we will confer with you about the schedule. Our ability to meet the agreed upon schedule is dependent on timely receipt of the information noted in our proposal. Please note that our fee is subject to review if this agreement is not executed within 180 days.

Please contact us with any questions you may have. We look forward to our work with you.

Respectfully submitted,

Douglas G. Macdonald, FASIC, LEED® AP BD+C
Principal

EXHIBIT A

SCOPE-OF-WORK:

PROJECT DESCRIPTION

The proposed scope of services provided by Aqua Engineering for this project include; landscape irrigation and pumping system design and engineering for the Phase One area identified on the Kimley-Horn Master Plan diagram, anticipated peak season daily irrigation demand calculations and coordination with Kimley Horn engineering staff to assist with sizing the irrigation tap and water meter to service the Phase One area. Construction observation and post-design services are excluded from our scope under this proposal.

It is anticipated that potable water will be delivered to the site from the City of Goodyear potable water distribution infrastructure. This water source will service new the new Phase One irrigation system specified by Aqua Engineering. Design, details, and specifications for the potable water tap and meter will be specified by the Kimley Horn civil engineering consultant and are not included in this scope of work and fee proposal.

The new variable frequency drive (VFD) horizontal centrifugal irrigation booster pumping system design is anticipated for this project based on available water pressure information provided by Kimley Horn. The irrigation system design is anticipated to include sprinkler and drip layout methods based on appropriate and efficient water application for the various site programming activities and specific site landscape conditions. The irrigation system design is also anticipated to include weather-based control system technology to facilitate effective irrigation system management, and a mainline piping network design based on computerized hydraulic modeling techniques to ensure optimum operational efficiency within the client's specified water window constraints.

In addition, Aqua Engineering will coordinate with the Kimley-Horn team to provide mainline pipe and low voltage wire stub-outs as required to service the additional anticipated irrigation demand for future phases that will be serviced by the Phase One irrigation water source.

Task 1.0: Project Initiation

Includes the following services and deliverables:

Task 1.1 - Project Kick-off Meeting; participate in one (1) meeting with the Kimley-Horn team and City of Goodyear representatives to review and discuss the proposed irrigation system and irrigation pumping system design, equipment standards or preferences and the City's operational and maintenance parameters.

Task 1.2 – Irrigation Master Planning Integration

- Provide calculations to determine the anticipated peak season and annual water use for the existing and proposed landscape irrigation systems based on site plan information provided by Kimley-Horn. This information will be used to determine the anticipated flow requirements for the irrigation system water source and on-site storage facility.
- Coordinate with Kimley-Horn team to determine anticipated electrical service requirements and electrical service points-of-connection for irrigation booster pumping and control systems.

Task 1.3 – Project Coordination Meeting; Participate in one (1) additional project coordination meeting with the Kimley-Horn team and City of Goodyear representatives during this project phase.

Task 2.0: Conceptual Design (30% Completion Level)
Includes the following services and deliverables:

Task 2.1 – Irrigation & Pumping System Conceptual Design :

- Irrigation System Description; Provide general narrative of anticipated irrigation application methods and equipment recommendations for various site conditions, active use areas, and landscape concepts at this project. These will include ornamental landscape areas, and passive and active turfgrass areas.
- Mainline Routing and Controller Location; Provide graphic diagram for proposed irrigation system mainline routing within the Phase One boundary area and proposed capped mainline stub-out locations to service future phases.
- Irrigation Booster Pumping System Description; Provide general narrative of anticipated irrigation booster pumping system and associated electrical services.

The above information will be submitted to Kimley Horn in overall site diagram format on a single 24" x 36" sheet, and 8.5" x 11" memorandum format for inclusion in their 30% Conceptual Design package for review and comment prior to commencement of Design Development process.

Task 2.2 – Project Coordination Meeting; Participate in one (1) project coordination meeting with the Kimley-Horn team and City of Goodyear representatives during this project phase.

Task 3.0: Design Development Phase (60% Completion Level)
Includes the following services and deliverables:

Task 3.1 – Irrigation & Pumping System Design Development; Provide a preliminary hydraulic calculation, irrigation mainline routing, proposed controller location(s), partial irrigation system layout in representative areas, preliminary irrigation legend, notes, and details, and preliminary technical specifications in standard CSI format.

- Irrigation System – preliminary irrigation design development plans are anticipated to include the following:
  - One (1) sheet to describe preliminary Irrigation Notes and Legend of Equipment.
  - Six (6) sheets of preliminary Irrigation Mainline, Control System, and Layout plans at 1" = 20' scale for the ornamental landscape and turfgrass areas. Based on the Phase One Master Plan diagram provided by Kimley-Horn it is anticipated that this project will include, but not be limited to, the following site conditions:
    - Multi-use and athletic field turfgrass areas
    - Desert planting areas
    - Pedestrian and vehicular access areas
    - Playground and shaded seating/picnic areas
    - Various site amenity areas for relaxation and community recreation
    - Restroom and Concessions Building
    - Aquatics and Recreation Center
  - Three (3) preliminary Irrigation Detail Sheets showing Irrigation Component Assembly construction and materials requirements. These details are anticipated to be Aqua Engineering standard details, modified as required to meet established City of Goodyear standards.
- Irrigation Booster Pumping System - preliminary design, sizing and details for the irrigation pumping system including:
  - Preliminary details for the irrigation booster pumping system including schematic pump system layout, pipe routing, and mechanical system layout

- Coordination with the project electrical engineer to determine the location and size of electrical service connections for the irrigation pump system. Electrical services and components will be specified on electrical drawings.
- Coordination with the project architect and landscape architect to determine the location, size, and configuration of an enclosure for the irrigation pumping system, if required. Enclosure structural and architectural elements will be specified on architectural drawings.

Task 3.2 – Comment Resolution Meeting; Participate in one (1) Design Development Review and Comment Resolution meeting with the Kimley-Horn team and City of Goodyear representatives to review the Design Development comments prior to commencement of Construction Document phase. This meeting will also allow discussion of coordination issues and outstanding scope issues regarding the water delivery system, irrigation and pumping systems that will need to be resolved during the Construction Document Phase.

Task 4.0: Construction Document Phase – (100% Review Submittal)

Includes the following services and deliverables:

Task 4.1 - Irrigation & Pumping System Construction Documents; Provide substantially completed irrigation and pumping system design as described in Task 3.0 of this proposal for City of Goodyear representatives final review. Construction Documents are anticipated to include the following:

- Irrigation layout plans at 20-scale on 24” x 36” sheet format, Irrigation Details, and Irrigation Technical Specifications in CSI format
- Design, Details and Technical Specifications for the irrigation booster pumping system.

Task 4.2 – Opinion of Probable Cost; Assist Kimley-Horn representatives as required to develop appropriate Opinion of Probable Cost for items specified under our scope of work.

Task 4.3 – Comment Resolution Meeting; Participate in one (1) Construction Document Review and Comment Resolution meeting with the Kimley-Horn team and City of Goodyear representatives to review the Construction Documents and review comments. This meeting will address design issues that will require correction prior to submitting for permitting, bidding and construction.

Task 5.0: Final PS&E & Permit/Bid Submittal

Includes the following services and deliverables:

Task 5.1 - Irrigation & Pumping System Final Construction Documents; Provide final irrigation and pumping system design as described in Task 4.0 of this proposal for permitting, bidding and construction. Final Construction Documents are anticipated to include the following:

- Irrigation layout plans at 20-scale on 24” x 36” sheet format, Irrigation Details, and Irrigation Technical Specifications in CSI format.
- Design, Details and Technical Specifications for the irrigation booster pumping system.

ASSUMPTIONS AND EXCLUSIONS

The following assumptions and exclusions have been made by Aqua Engineering relative to our scope of work and engineering services:

- Fees and submittal schedule will be based on the agreed to number of meetings, site visits, document submittals, and quantity of plan sheets prior to commencement of contract. If additional meetings, site visits, submittals and/or plan sheets are required, fees will be adjusted and submittal schedule will be revised accordingly. It is assumed that Kimley Horn will provide printing, packaging and delivery of submittal documentation, those expenses are excluded from this contract.
- Base plans, planting plans, grading plans and hardscape plans will be provided by others in AutoCAD format for our use. Because changes in base information and/or landscape design can significantly affect irrigation and pumping system design and layout, any such changes will necessitate our charging additional fees. Therefore, the fees quoted presume these plans will be provided by the appropriate sub-consultants at a level of completion that corresponds with the current submittal level prior to beginning our work.
- Contact information for water, electrical, and other utility services will be provided by others for our coordination purposes. Water services will be coordinated with appropriate civil and mechanical subconsultants; water tap, meter, and water storage tank design, specifications and details will be shown on their plans. Electrical, lighting, and telecommunication services for irrigation will be coordinated with appropriate utility subconsultants; specifications and details will be shown on their plans. Irrigation piping and conduit on structural elements will be coordinated with appropriate architectural/mechanical/electrical subconsultants; specifications and details will be shown on their plans.
- Architectural and Structural design of a building, enclosure, or vault for the irrigation pumping system is not included. Aqua Engineering will assist with space planning for these elements within a building or enclosure that is specified and detailed by the project architectural and structural consultants.
- Geotechnical investigation or evaluation of existing conditions is not included in this scope of work; it is assumed that these services will be conducted by others and the results will be provided in writing for our review during the design process.
- The irrigation booster pumping system is anticipated to be a prefabricated, skid mounted, VFD, horizontal centrifugal pump system, installed on an engineered concrete support slab within the pump enclosure structure.
- Field surveying and design of irrigation system demolition/salvage/renovation plans are not included in this scope of work. It is assumed that repairs to damaged existing site improvements and irrigation systems will be the responsibility of the owner or concessionaire as “cost to cure”.
- Fees for Aqua Engineering services and personnel will be valid through the end of the 2018 calendar year. Fees for Aqua Engineering services and personnel in 2019 and beyond will be subject to negotiation and increase on an annual basis effective the first day of each new calendar year.
- Construction Observation and Post-Design Services are not included in this scope of work. Aqua Engineering will provide a separate fee for these additional services upon request of the client.

EXHIBIT B
FEES:

DESIGN & ENGINEERING SERVICES

1.0: Project Initiation

Task 1.1 Project Kick-off Meeting (1 total)	**$ 800**
Task 1.2 Data Collection & Project Assessment	**$ 700**
Task 1.3 Coordination Meeting (1 total)	**$ 580**
Subtotal Project Initiation (including expenses)	**$ 2,080**

2.0: Conceptual Design (30% Completion)

Task 2.1 Irrigation & Pumping System Conceptual Design	**$ 2,660**
Task 2.2 Coordination Meeting (1 total)	**$ 580**
Subtotal Conceptual Design (including expenses)	**$ 3,240**

3.0: Design Development (60% Completion)

Task 3.1 Irrigation & Pumping System Design Development	**$ 4,360**
Task 3.2 Comment Resolution Meeting (1 total)	**$ 950**
Subtotal Design Development (including expenses)	**$ 5,310**

4.0: Construction Documents (100% Completion)

Task 4.1 Irrigation & Pumping System Construction Documents	**$ 8,615**
Task 4.2 Opinion of Probable Cost Assistance	**$ 1,000**
Task 4.3 Comment Resolution Meeting (1 total)	**$ 950**
Subtotal Construction Documents (including expenses)	**$ 10,565**

5.0: Final PS&E & Permit/Bid Submittal

Task 5.1 Irrigation & Pumping System Permit/Bid Documents	**$ 1,465**
Subtotal PS&E Documents (including expenses)	**$ 1,465**

Total Design & Engineering Services (including expenses) ..... $ 22,660

2018 HOURLY RATES FOR ADDITIONAL WORK BEYOND SCOPE
AQUA ENGINEERING STAFF ONLY

Personnel	**Hourly Rates**
Irrigation Project Manager	$ 145.00
Project Engineer/Designer, IT Manager	$ 115.00
Administrative Staff	$ 65.00

RICKER • ATKINSON • McBEE • MORMAN & ASSOCIATES, INC.
Geotechnical Engineering • Construction Materials Testing

R·A·M·M

March 7, 2018

Kimley-Horn and Associates, Inc.
7740 North 16th Street, Suite 300
Phoenix, Arizona 85020

Attention: Sean Wozny, PE, PLA, LEED AP BD+C (sean.wozny@kimley-horn.com)

Re: Proposal for Geotechnical Engineering Services — RAMM Proposal No. PG18099
Goodyear Recreation Campus
Southwest Corner of Estrella Parkway and Harrison Street
Goodyear, Arizona

Ricker, Atkinson, McBee, Morman & Associates, Inc. is pleased to submit this proposal to conduct Geotechnical Engineering Services for the above-referenced project.

If this proposal meets with your approval, please sign, date and return one copy of the enclosed Attachment "A", which outlines project description, our scope of services, completion time and fee to perform services.

If there are any questions regarding the proposed scope of work, please call. Thank you for considering our firm for this project.

Respectfully submitted,
RICKER • ATKINSON • MCBEE • MORMAN & ASSOCIATES, INC.

Kenneth L. Ricker, P.E.
Project Engineer

/dh

RICKER • ATKINSON • MCBEE • MORMAN & ASSOCIATES, INC.

ATTACHMENT "A" Proposal for Geotechnical Engineering Services
For: Kimley-Horn and Associates, Inc.
RAMM Proposal No. PG18099

PROJECT: Goodyear Recreation Campus
Southwest Corner of Estrella Parkway and Harrison Street
Goodyear, Arizona

DESCRIPTION:

The proposed park will occupy 30 acres and the recreational/aquatics facility will occupy another 10 acres. The park will have restroom/concession stands, ramadas, four large parking lots, playgrounds, various play courts, ball fields, grass areas and improvements to Harrison Street, Estrella Parkway and Goodyear Boulevard (future).

SCOPE OF SERVICES:

1. Test borings will be performed to determine subsurface conditions and obtain representative samples for laboratory analyses. Twelve test borings 15 feet in depth or prior auger refusal are proposed in the various structure areas, fourteen test borings 5 feet in depth are proposed for the various on-site and off-site paved areas, four test borings/12-inch diameter cased percolation tests 3 feet in depth are proposed for the playfield/retention areas and eight Agronomy test locations 12 inches in depth are proposed in lawn and tree areas. Test borings will be Blue Staked and a private utility locator will be used at the off-site pavement test boring locations. Site access and on-site utility locations will be provided by you.

2. Laboratory analyses of representative samples will include:

   Moisture Content and Dry Density
   Compression
   Swell
   Minus No. 200 Sieve and Plasticity Index
   Standard Proctor
   Soluble Sulfate, Chloride

3. The field and laboratory data will be used in engineering evaluation and analyses to formulate our geotechnical recommendations.

4. An Engineer's report will be provided presenting the results of the field and laboratory testing and recommendations for foundation support (including footing depth, bearing capacity, and estimated settlement), lateral earth pressures, site grading and preparation procedures, thickness of on-site and off-site pavements, results of percolation tests, results of the agronomy tests and concrete durability parameters.

RICKER • ATKINSON • MCBEE • MORMAN & ASSOCIATES, INC.

ATTACHMENT "A" Proposal for Geotechnical Engineering Services
For: Kimley-Horn and Associates, Inc.
RAMM Proposal No. PG18099

PROJECT: Goodyear Recreation Campus
Southwest Corner of Estrella Parkway and Harrison Street
Goodyear, Arizona

COMPLETION TIME:

Final report approximately 5 to 8 weeks after authorized to proceed.
Completion time is contingent upon utility clearance and field exploration coordination.

FEE: $ 10,500.00

The undersigned agrees to the forgoing Scope and Fee.

RICKER • ATKINSON • MCBEE • MORMAN & ASSOCIATES, INC.

By: _____
Kenneth L. Ricker, P.E., Project Engineer

Client: _____

By: _____

Date: _____

Corporate Office
17350 N. Hartford Drive
Scottsdale, AZ 85255

480-348-0100
480-348-0101 Fax
ROC 140448

CITY OF GOODYEAR – RECREATION CAMPUS
AUDIO/VISUAL SYSTEM AGREEMENT

THIS AGREEMENT is made and entered into effect as of the ____ day of _____, 2018, by and between CCS Presentation Systems, Inc. having an office and place of business at 17350 North Hartford Drive, Scottsdale, AZ 85255 ("Audio Visual Contractor") and the City of Goodyear/Kimley Horn, having an office and principal place of business at 190 N. Litchfield Road, Goodyear, AZ ("Client"); Client and Audio Visual Contractor being hereinafter referred to collectively as the "Parties".

RECITALS

Client desires to obtain the services of Audio Visual Contractor on the terms and subject to the conditions set forth herein. Audio Visual Contractor has reviewed this Agreement and discussed the services to be performed hereunder and has represented to the Client that Audio Visual Contractor is qualified and willing to perform said services in accordance with the provisions of this Agreement.

Audio Visual Contractor and Client agree that Audio Visual Contractor has been contracted to perform all Consulting, Design, Engineering, Integration and Installation of the new City of Goodyear Recreation Campus.

THEREFORE, in consideration of the obligations to be performed and covenants to be kept by the Parties, the Parties agree as follows:

ARTICLE I

1) SCOPE OF WORK
   - During the term of this Agreement, Audio Visual Contractor shall perform the services described in this document. Such services, as they may be amended from time to time by written agreement of the Parties, are hereinafter referred to as the Scope of Work.

2) COMPLIANCE WITH LAWS
   - Audio Visual Contractor shall perform Scope of Work in a professional and competent manner, in accordance with the terms of this Agreement and all applicable laws, rules, orders and regulations.

Corporate Office
17350 N. Hartford Drive
Scottsdale, AZ 85255

480-348-0100
480-348-0101 Fax
ROC 140448

CITY OF GOODYEAR – RECREATION CAMPUS
AUDIO/VISUAL SYSTEM AGREEMENT
ARTICLE 2

AUDIO VISUAL CONTRACTOR'S SERVICES AND RESPONSIBILITIES

1) GENERAL

a) The Audio/Visual Contractor's services shall be performed in a timely manner consistent with Client's schedule and it shall be the obligation of the Audio Visual Contractor to organize and coordinate its work in conjunction with the Client and other Contractors on the Project.

b) The Audio/Visual Contractor shall perform services in accordance with all applicable laws, statutes, building codes and regulations at the time the Scope of Work is performed.

2) SCOPE OF WORK:

a) DESIGN/ENGINEERING (Design Assist Phase)

1) Review, program and coordinate with other project team members.

2) Develop, design package for Audio, Video, Distribution and Control systems.

3) Identify all infrastructure, power and electrical requirements.

4) Communicate directly with Client and the Client's Project Director for support information required.

5) Create a detailed bill of materials and (budgetary) cost package.

6) CCS shall coordinate on the following assigned venues:

(a) Building Paging/Background Music System
(b) Basketball Courts – Audio System
(c) Fitness/Gym – Video & Audio System
(d) Aquatic Center – Audio System
(e) Lobby – Digital Signage/Video System
(f) Multi-Purpose Rooms
(g) Conference Rooms
(h) Gaming Areas

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ROC 140448

CITY OF GOODYEAR – RECREATION CAMPUS
AUDIO/VISUAL SYSTEM AGREEMENT

3) ADDITIONAL SERVICES

a) The following services are not included in the Scope of Work. Should the following services be requested in writing by the Client they shall be paid for in addition to the compensation for the Scope of Work.

1) Providing services relative to future facilities, systems and equipment which are not planned and are not to be constructed during the Construction Phase.

2) Providing services for revisions to Scope of Work necessitating revisions in specifications or other documents when such revisions are inconsistent with previously given written approvals or instructions. A revision shall be defined as the addition or deletion of the final approved system design.

3) Providing consultation regarding replacement of any work damaged by fire or other cause during construction and furnishing services as may be required in connection with the replacement of such work.

4) Providing services made necessary by default of the Contractor, or by major defects or deficiencies in the work of the Contractor, or by failure of performance of the Contractor.

5) Preparing to serve or serving as an expert witness in connection with any legal proceeding.

6) Preparing purchasing documents for Client furnished equipment and soliciting bids from vendors and manufacturers.

7) Procuring permits for the Client, other than assisting and providing support information.

8) Hire additional consultants and/or third parties to design Audio Visual Systems.

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CITY OF GOODYEAR – RECREATION CAMPUS
AUDIO/VISUAL SYSTEM AGREEMENT
ARTICLE 4

REIMBURSABLE EXPENSES

Reimbursable expenses are in addition to compensation for the Scope of Work and include actual expenditures made by the Audio/Visual Contractor and its employees in the interest of the project. The following listed expenses are considered examples of reimbursable expenses: Expense of project related field trips requested by the Client. Multiple copies of specifications and project documents for other parties not related to the project, excluding reproductions for the office use of the Audio/Visual Contractor and the Client.

ARTICLE 5

TERMINATION

1) This Agreement may be terminated by either party upon seven days' written notice should the other party fail substantially to perform in accordance with its terms through no fault of the party initiating the termination.

2) In the event of termination which is not the fault of the Audio Visual Contractor, the Audio Visual Contractor shall be compensated for all services performed prior to the termination date.

ARTICLE 6

CLIENTSHIP AND USE OF DOCUMENTS

1) Drawings, specifications and other documents prepared by the Audio Visual Contractor as instruments of service for the Scope of Work are the property of the Audio Visual Contractor. The Client may retain copies, including reproducible copies, of such documents for information and reference. Ownership of the specifications and documents shall be turned over to the Client once payment is received in full.

2) Neither the Client, nor the Audio Visual Contractor shall make changes in the other's drawings and specifications without written permission of the other party prior to the completion of the project.

3) The Audio Visual Contractor shall maintain all design documentation on file for a period of 10 years. The start date for said files will be when the final Scope of Work documents have been turned over to Client.

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Scottsdale, AZ 85255

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CITY OF GOODYEAR – RECREATION CAMPUS
AUDIO/VISUAL SYSTEM AGREEMENT
ARTICLE 7

INSURANCE

The Audio Visual Contractor shall maintain the following insurance in force throughout the term of this Contract:

a) Workers or Workmen's Compensation Insurance for protection against claims for damages because of bodily injury, including personal injury, sickness, disease, or death of any employee.

b) Commercial General Liability Insurance for protection against claims because of injury to or destruction of property including loss of use resulting there from; against claims because of bodily injury, including personal injury, sickness, disease, or death and against claims resulting from damage or destruction of property, including valuable papers and records, and loss resulting there from.

ARTICLE 8

MISCELLANEOUS PROVISIONS

1) This Agreement will be interpreted under and enforced in accordance with the laws of the State of Arizona without regard to conflicts of law.

2) Legal Proceedings

- Both parties hereto consent to the exclusive jurisdiction of the City of Goodyear in conjunction with any controversy arising out of the operation of this agreement and agree not to bring any action in any other jurisdiction.

3) Reverse Indemnification

- As submitted earlier, all work defined in this Scope of Work will be completed by the Audio Visual Contractor for the Client. The following reverse indemnification clause is therefore included and applies to all design and/or work.

- Client shall indemnify, defend and hold harmless Audio Visual Contractor and Audio Visual Contractor's officers, director's employees and agents free and harmless from any and all claims, damages, liabilities, losses, costs and expenses (including attorney's fees) arising out of personal injury or property damage to the extent such

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claims arise from Client's error, omissions or negligent acts in connection with this Agreement. The same applies to all third party suits from those who come in contact with this work, whether as a guest or for maintenance or for any other reason.

- Audio Visual Contractor releases Client from liability to Audio Visual Contractor for loss or damage to any property of Audio Visual Contractor or its sub-contractors, if any, arising out of any act of omission, negligent or otherwise, in connection with the performance of this Agreement by Client to the extent Audio Visual Contractor is insured against such damage and/or loss and recovers therefore under such insurance.

4) Neither the Client nor the Audio Visual Contractor shall assign, sublet or transfer any interest in this Agreement without the written consent of the other except that the Client reserves the right to assign this Agreement to any affiliated subsidiary.

ARTICLE 9

EXTENT OF AGREEMENT

This Agreement represents the entire and integrated agreement for the Scope of Work between the Client and the Audio Visual Contractor and supersedes all prior negotiations, representations or agreements, either written or oral regarding the Scope of Work. This Agreement may be amended only by written instrument signed by both the Client and the Audio Visual Contractor.

PROPOSAL TO:

Kimley-Horn

18-10824

August 28, 2018

City of Goodyear Recreation Campus Audio/Video Design Services

CCS Presentation Systems - Scottsdale

PRESENTING BETTER SOLUTIONS

RECREATION CAMPUS

SCOPE

The quoted design assist fees for the City of Goodyear Recreation Campus are not to exceed.

Meet with the City of Goodyear to confirm the locations that need Audio/Video equipment.

With the help of the City of Goodyear create a scope of work for the Recreation Campus.

Identify and coordinate infrastructure requirements.

If CCS is awarded the project the City of Goodyear will not incur any additional design fees.

LABOR

IMAGE	QTY	DESCRIPTION	PRICE	PRICE EXT	TOTAL
	1	CCS Design Engineering Engineering services including needs assessment survey, site visit(s) as required, scope creation, and drafting/documentation.	$15,456.00	$15,456.00	$15,456.00

LABOR TOTAL	$15,456.00
RECREATION CAMPUS TOTAL	**$15,456.00**

ACCEPTANCE

FINANCIAL

PAYMENT SCHEDULE
50% Down / 50 % Net 30

EQUIPMENT TOTAL	$15,456.00
LABOR TOTAL	$0.00
PROJECT TOTAL	$15,456.00
TOTAL TAX	$0.00
PROJECT TOTAL	$15,456.00

TERMS

I accept this proposal and hereby authorize CCS Presentation Systems - Scottsdale at 17350 N. Hartford Drive Scottsdale, Arizona 85255 to proceed with the purchase of the included equipment for the facilities of Kimley-Horn constructing at 7740 N. 16th St. Suite 300 Phoenix, AZ 85020 as described in the totality of this document. In keeping with the Terms of Payment listed above. This proposal is valid only if accepted in writing by Kimley-Horn and deposit payment received no later than September 27, 2018.

INSTALLATION CANCELLATION / CREW CALL OFF / RESCHEDULE FEE

- Once an Install date has been set, and the customer has been notified, if the customer cancels or reschedules less than 24 hours prior to said install date, a cancellation/rescheduling crew fee of the crews' loss time may be charged for each occurrence.
- If onsite and the crews are asked to leave due to customer reasons, a crew fee of the crews' loss time and trip charge may be charged for each occurrence.

WARRANTY

CCS warrants the system installation to be free of defects in workmanship and fit for the intended purpose for a period of 1-year parts and 90 days labor. This warranty does not cover equipment or system abuse, misuse including but not limited to: operating outside of environmental, electrical, temperature or humidity specifications, system alterations neither approved nor performed by CCS or repair by a service facility other than those authorized by the manufacturer. After one-year parts and 90 days labor, any future service requirements will be billed on a time and materials basis unless a CCS Service Contract is in place.

All new equipment, provided by CCS, includes the manufacturer’s warranty. CCS warrants that all AV equipment will be installed in accordance with the manufacturer’s recommended environmental and electrical operating conditions and requirements. CCS systems are under warranty against defects in workmanship for a period of 1-year parts and 90 days labor from the date of system acceptance or substantial completion. Owner furnished equipment and products not purchased from CCS are not covered under warranty.

ACCEPTANCE

KIMLEY-HORN

SIGNED | DATE

PRINT NAME | TITLE

CCS PRESENTATION SYSTEMS - SCOTTSDALE

SIGNED | DATE

PRINT NAME | TITLE

August 28, 2018

Sean Wozny
Kimley-Horn
7740 N. 16th St. Suite 300
Phoenix, AZ 85020

Re: Proposal for Technology Design & Construction Drawings Services: Goodyear Recreation Campus

Mr. Sean Wozny,

The technology team at **i2** is pleased to submit this proposal for technology design and construction documentation services to Kimley-Horn for the Goodyear Recreation Campus. Our services will include Audiovisual Cabling, Information Communications Technologies (ICT), Public Address, and Electronic Security/Access Control.

Based on the provided Kimley-Horn high-level (2018-08-09_Draft Council Presentation .pptx) documents and the dialogue held via phone on 08-28-2018, we understand that the Goodyear Recreation Project will include a new building plan option between approximately 32,000-SF and 53,000-SF; and will include a recreation and aquatic area. The new recreation building will include: administration, "teen break out", circulation, gym, locker room, multi-purpose, restroom, turf, and utility spaces which may require special design considerations.

Design Services
The following represents our proposed scope of services:

1. Submit to the City of Goodyear, Architect and Engineer for review and comment one Technology Program Narrative describing the functional and operational capabilities of each technology discipline.

Program deliverable to include:

- Narrative document with illustrations
- Owners/Architects/Engineers design directives associated with Technology
- Technology area space requirements and adjacencies
- Audiovisual cabling requirements specific to space type and size
- Information Communications Technologies including data, wireless, fire alarm fiber and any campus fiber inter and intra connections

- Telecommunications room – Any intermediate distribution frame or building distribution frame design including the infrastructure and cabling as well as coordination of architectural, electrical and mechanical sizing for room efficiencies
- Security to include access control and door hardware coordination and any CCTV camera layout.
- Network equipment coordination with Owner's IT department
- Opinion of Probable Cost. An estimate of all technology costs gained from the programming phase effort.

2. Submit to the Architect and Engineers for the incorporation into the **Design Development (DD)** package, One DD level drawing and document set inclusive of the Program Narrative entries and DD level updates illustrating the new building including:
- Audiovisual updated infrastructure cabling drawings including floor plans and reflected ceiling plans
- Audiovisual riser diagrams including conduit destinations and conduit sizes
- Telecommunications Floor Plans - Data Locations
- Telecommunications RCP - Ceiling Data Locations
- Telecommunication Room Enlarged Plans
- Initial Outside Plant communications cabling between point of entrance and new expansion building
- Building infrastructure risers
- Building fiber optic and copper cable risers
- Telecom room grounding and bonding riser
- Wireless LAN initial system design including Predicative Heat Map layout, new building and adjacent spaces
- Building cable tray updated reflected ceiling plan layout
- Electronic Security Access Control infrastructure including floor plans and reflected ceiling plans
- Access Control and door hardware coordination
- Division 27 and 28 Specifications
- Updated DD Phase Program Narrative
- Updated DD Phase Opinion of Probable Costs Estimate

2.1 Participate in one DD review meeting with the PM/District IT/Architect/Engineers.

2.2 DD level drawings and documents are planned to be issued by the project design schedule DD milestone.

3. Submit to the Architect and Engineers for the incorporation into the **Construction Drawings (CD)** package, One CD level drawing and document set inclusive of the DD level design entries

and CD level updates illustrating the new expansion building and existing building renovations including:

- Audiovisual final cabling infrastructure drawings including floor plans and reflected ceiling plans
- Audiovisual final riser diagrams including conduit destinations and conduit sizes
- Telecommunication Room Enlarged Plans
- Telecommunications Floor Plans - Data Locations
- Telecommunications RCP - Ceiling Data Locations
- Coordinated outside plant underground conduit between entrance point and new building
- Outside plant communications cabling between entrance and new building
- Final infrastructure riser
- Final building infrastructure risers
- Final building fiber optic and copper cable risers
- Final Telecom rooms grounding and bonding riser
- Wireless LAN final system design, Predicative Heat Map layout, new building and renovated spaces
- Building final cable tray reflected ceiling plan layout
- Electronic Security Access Control infrastructure including floor plans and reflected ceiling plans
- Access Control and door hardware coordination
- Access Control Door schedule
- Division 27 and 28 Specifications
- CD Phase Final Program Narrative
- CD Phase Final Opinion of Probable Costs Estimate

3.1 Participate in one CD review meeting with PM/Owner IT/Architect/Engineers.

3.2 CD level drawings and documents are planned to be issued by the project design schedule DD milestone.

CAD Drawing Backgrounds

To assist in the production of our documents, the Architect agrees to provide CAD backgrounds including floor plans, reflected ceiling plans, sections, elevations, equipment layouts and furniture plans as required to coordinate our work. Information will include individual sheet set-up and drawing index.

Project Meetings

- (1) Initial Kick-Off Programming Workshop
- (3) In Person Design Meetings
- (1) DD Phase review meeting

- (1) CD Phase review meeting
- (4) On-site observation site visits during construction phase
- (1) AV, Structured Cabling, Security System acceptance site visit

Services Not Provided in Our Scope

The following are not included in our scope of services:

1. Services and scope that are not specifically identified within the body of this proposal.
2. Additional deliverables beyond those indicated. Including but not limited to QA/QC sets.
3. Specialty systems design, including but not limited to building management systems and building automation systems and audiovisual system design.
4. Input into the BIM/Revit model.
5. Construction cost estimating.
6. Construction administration

Fees:

Total Fee Summary

Project Consulting & Design Services	$ 49,183
Reimbursable Expenses	$ 0
Total Goodyear Recreation Project Fee	**$ 49,183**

i2
A Technology Consulting & Design Company

The total fee detailed above includes meetings, travel to the Goodyear location or pertinent planning office, three site meetings attendance and the program deliverables listed in the earlier pages of this proposal.

Reimbursable project expenses include, but are not limited to, printing and overnight delivery, etc.

Additionally, requested site visits or meetings above and beyond those listed in the prior scope will be provided at a bill rate of $130.00 per person, per hour.

Our payment terms are Net 30 days.

If this acceptable, please sign and date one copy of this letter and return it to my attention or submit a similar contract instrument. If you wish to discuss further, please contact me at 602.882.6438.

Thank you for your consideration and we look forward to joining this project.

Sincerely,

Travis Becker, DCIE, Security+
Sr. Consultant

Accepted by:

_____
Signature

_____
Print Name and Date


i2
A Technology Consulting & Design Company

Creative Machines

4141 E. Irvington Rd.
Tucson AZ 85714
toll free 800 861 7937
local 520 294 0939
fax 520 294 0848
www.creativemachines.com

Public Art Planning and Design Agreement

November 9, 2017

Name of Project

Goodyear Recreation Campus

Client

Kimley-Horn
7740 N 16th Street, Suite 300
Phoenix, AZ 85020

Contacts at Creative Machines

Joe O'Connell
President, Artist
joconnell@creativemachines.com
520-294-0939 ext 100

Chrissy McMillan
Director, Public Art
chrissy@creativemachines.com
520-294-0939 ext 110

Description

In phase 1 of this agreement, Creative Machines (CM) will participate in the planning of the Goodyear Recreation Campus (GRC). In phase 2, CM will design and engineer a public art piece for the GRC. In a future phase 3, not covered by this agreement, Creative Machines will fabricate and install the artpiece.

Creative Machines Scope of Work

Phase 1 (Planning)

1) Participate in planning meetings, discussions and public outreach events related to the GRC, as follows:

Task #	Task Description	Date(s)	Method of Participation
3.13	Bi-Weekly Project Meeting	11/01/17	attend in person
3.15	Bi-Weekly Project Meeting	11/15/17	Go To Meeting or equiv. (GTM)
3.16	Work Period #2B	11/16/17-11/29/17	at CM
3.17	Bi-Weekly Project Meeting	11/29/17	GTM
3.18	Project Team Workshop #2. CM set up for next day's meeting	12/06/17	attend in person
3.19	Community Outreach Open House #2	12/07/17	attend in person
3.20	Project Team Follow-Up Session	12/12/17	GTM
3.21	Bi-Weekly Project Meeting	12/13/17	GTM
3.25	Final Concept Refinement Period	12/13/17 - 01/09/17	at CM, GTM as needed
3.26	Bi-Weekly Project Meeting	01/10/18	GTM
3.27	Bi-Weekly Project Meeting	01/24/18	GTM
3.28	Parks & Recreation Advisory Board Meeting and Arts & Culture Commission Meeting	02/07/18	attend in person
5.1	Work Period #3	01/10/18	at CM, GTM as needed
5.2	Bi-Weekly Project Meeting	02/07/18	GTM
5.3	Bi-Weekly Project Meeting	02/21/18	GTM
5.4	Project Team Workshop #3	02/28/18	GTM
5.6	Project Team Follow-Up Session	03/02/18	GTM
5.7	Work Period #4	03/02/18 - 04/03/18	at CM, GTM as needed
5.8	Bi-Weekly Project Meeting	03/07/18	GTM
5.11	Work Period	01/10/18 - 03/20/18	at CM, GTM as needed
5.12	Bi-Weekly Project Meeting	03/21/18	GTM
5.13 - 14	Bi-Weekly Project Meeting	04/04/18	GTM
5.15	Community Outreach Open House #4	04/05/18	attend in person
5.16	Project Team Follow-Up Session	04/06/18	GTM
6.1	Work Period	04/06/18 - 04/26/18	at CM, GTM as needed
6.2	Bi-Weekly Project Meeting	04/18/18	GTM

Task #	Task Description	Date(s)	Method of Participation
6.7	City Council Meeting - Presentation	05/21/18	attend in person if needed

2) Potential outreach to and sessions with Basis or Desert Edge HS.

Phase 2 (Design)

1) Produce three art concepts in the form of computer renderings and/or scale models and solicit feedback from Kimley-Horn, City of Goodyear Arts and Culture Commission, and the public where appropriate.
2) Help Client narrow these concepts down to one.
3) Refinement of selected concept in schematic design.
5) Perform Detail Design and Engineering sufficient to communicate the design of the artwork for the purposes of approval, permitting and integration into existing infrastructure.
6) Produce a Scope of Work document for Construction Manager At Risk (CMAR) that Client can include in bid documents.
7) Provide stamped drawings and calculations detailing the methods by which art connects to infrastructure and provide loads and reactions, details of attachment, and other information necessary for CMAR to price the job and provide infrastructure for art.

Client Scope of Work

1) Design and engineering of all infrastructure to support art including:

   a) Concrete footings as needed;

   b) Landscaping;

   c) Electrical service to artwork (potentially including conduit, junction boxes and other electrical/lighting items external to artwork).
2) Permits, if required.
3) Provision of current drawings at all times.
4) Provision of schedule and any changes.

Note about Phase 3

Creative Machines plans to fabricate and install the art so there is no expectation that the CMAR will need any special skills or personnel. Their work to support the art will be confined to standard civil and electrical infrastructure, built to stamped drawings produced by CM or others. Minor assistance and the temporary use of equipment by the CMAR during unloading, placement of art, and trash disposal would be appreciated as it make the art budget go further, but are not necessary. This can be determined during Phase 2.

Fee Structure

Our fee of $50,000 for phases 1 and 2 includes project management & coordination, concept design, artist fee, schematic design, detail design, engineering, and travel.

Schedule of Payments

Phase 1 (Planning)

1) Contract Signing ..... $ 6,000
2) End of Master Plan (Phase 1) ..... $ 6,000

Phase 2 (Design)

3) Design 50% Complete ..... $ 19,000
4) Design Complete ..... $ 19,000

Terms are NET 30. If payment on an invoice goes beyond 45 days, the work schedule may be delayed.

As CM works through the steps in Phase 2 described above, Client accepts the work presented in each previous step. If substantial change to the artwork is required it can be requested through a Change Order or a new round of conceptual design with associated fees. Dates may be extended as necessary due to Force Majeure events. Other factors that may compel the extension of the dates above include:

1) Delays in contract signing.
2) Changes to design or scope requested by Client.
3) Delayed information from Client.
4) Delays in payment.

Termination

Either Party is entitled to terminate this Agreement upon at least thirty (30) days written notice to the other Party should the other Party fail to substantially perform in accordance with the terms of this Agreement through no fault of the Party initiating the termination and (i) the Party failing to substantially perform has not cured the failure within the same thirty (30) day period or (ii) if the failure to substantially perform cannot be cured within the same thirty (30) day period.

In the event that either Party notifies the other Party of termination of this Agreement, CM shall immediately cease the provision of all Services/Work, cancel any pending material orders, and terminate all subcontracts in effect pursuant to this Agreement at the time of termination. Client shall compensate CM for all costs reasonably incurred and all Services/ Work properly performed pursuant to this Agreement prior to the date of termination, including reasonable overhead and profit. Such compensation shall include, but not be limited to, cost of materials purchased, cost of labor performed, and costs incurred by CM on subcontracts.

Change Orders

Client may add to, subtract from, or modify the scope of services, by issuing written change orders (the 'Change Order') describing the changes in services (the 'Additional Services'). Creative Machines shall be reimbursed for additional services evidenced by the Change Order on the basis of an agreed upon total cost or hourly rate. Receipt of an executed Change Order shall be Creative Machines' authorization to proceed with the Additional Service specified therein.

Disputes

Should any controversy arise between Client and Creative Machines pertaining to this agreement which the parties hereto do not promptly adjust and determine, then said controversy shall be decided by negotiation or judicial adjudication. Creative Machines consents to jurisdiction, venue and authority of the County and State where the project is located.

Confidentiality and Non-Disclosure

All work on the project, any and all information and designs provided by Creative Machines or the Client and all information discussed or discovered during the project are to be treated as Confidential and shall not be disclosed to outside parties without the prior, written consent of the either party. Creative Machines shall be allow to disclose information in pursuit of obtaining engineering stamps or for the fabrication of the artwork.

Signatures

for Client:

_____

Signature

_____

Printed Name

_____

Date

for Creative Machines:

_____

Signature

_____

Printed Name

_____

Date