



BOARD OF SUPERVISORS AGENDA ITEM REPORT AWARDS / CONTRACTS / GRANTS

☐ Award ☒ Contract ☐ Grant

Requested Board Meeting Date: 09/20/22

* = Mandatory, information must be provided

or Procurement Director Award: ☐

***Contractor/Vendor Name/Grantor (DBA):**

Westland Resources, Inc.

***Project Title/Description:**

SELC – Water District Formation

***Purpose:**

Amendment: Contract No. CT-PW-21-161, Amendment No. Two (2). This amendment modifies the scope of work to close Tasks 2-5, 8, and 9, add Task 10 – Contingency and Task 11 – Permitting and Agency Coordination; reallocates funds among major tasks; adds 60-100 percent well design and equipping, which includes, Project Management, Pre-Design, Detailed Design, ADEQ Permitting and Construction Services; adds Subconsultants, Canfield Engineering and Integration, JE Fuller Hydrology and Geomorphology, Inc., and Hess-Rountree, Inc.; and increases the amount of the contract by \$162,194.00 for a cumulative not-to-exceed amount of \$402,090.62. Administering Department: Capital Program Office.

***Procurement Method:**

Pursuant to Direction Selection authority of A.R.S. §34-103, the Procurement Director awarded a contract for Requisition No. 389847, on 09/30/20, in the amount of \$223,341.64 for a contract term from 09/30/20 to 09/30/23.

Amendment No. One (1) was approved by the Procurement Director, on 03/16/22, to add water system assets, Subconsultant ConformaTech, Inc., and increase the amount of the contract by \$6,554.98 for a cumulative not-to-exceed amount of \$229,896.62.

Attachment: Amendment No. Two (2).

***Program Goals/Predicted Outcomes:**

The consultant will assist the County in establishing and permitting a domestic water improvement district for County owned properties in and around the Pima County Fairgrounds. The consultant will perform the necessary studies to establish water rights and permit the district through the Arizona Department of Water Resources.

***Public Benefit:**

Establishment of the improvement district will allow for an expansion of uses around the Fairgrounds, including the fairgrounds, motorsports facilities, and economic development opportunities, along with an increased use of the existing facilities.

***Metrics Available to Measure Performance:**

This contract is subject to the evaluation of performance utilizing BOS D29.1(E).

***Retroactive:**

No.

TO: COB 9/7/22 (1)

VERS: 11

Pgs: 41

SEP06'22PM0401 PD

THE APPLICABLE SECTION(S) BELOW MUST BE COMPLETED

Click or tap the boxes to enter text. If not applicable, indicate "N/A". Make sure to complete mandatory (*) fields

Contract / Award Information

Document Type: _____ Department Code: _____ Contract Number (i.e., 15-123): _____
 Commencement Date: _____ Termination Date: _____ Prior Contract Number (Synergen/CMS): _____
☐ Expense Amount \$ _____ * ☐ Revenue Amount: \$ _____

***Funding Source(s) required:** _____

Funding from General Fund? ☐ Yes ☐ No If Yes \$ _____ % _____

Contract is fully or partially funded with Federal Funds? ☐ Yes ☐ No

If Yes, is the Contract to a vendor or subrecipient? _____

Were insurance or indemnity clauses modified? ☐ Yes ☐ No
 If Yes, attach Risk's approval.

Vendor is using a Social Security Number? ☐ Yes ☐ No
 If Yes, attach the required form per Administrative Procedure 22-10.

Amendment / Revised Award Information

Document Type: CT Department Code: PW Contract Number (i.e., 15-123): 21-161
 Amendment No.: 2 AMS Version No.: 11
 Commencement Date: 09/20/22 New Termination Date: _____
 Prior Contract No. (Synergen/CMS): _____

☒ Expense ☐ Revenue ☒ Increase ☐ Decrease

Amount This Amendment: \$ 162,194.00

Is there revenue included? ☐ Yes ☒ No If Yes \$ _____

***Funding Source(s) required: General Fund**

Funding from General Fund? ☒ Yes ☐ No If Yes \$ 162,194.00 % 100

Grant/Amendment Information (for grants acceptance and awards)

☐ Award ☐ Amendment

Document Type: _____ Department Code: _____ Grant Number (i.e., 15-123): _____
 Commencement Date: _____ Termination Date: _____ Amendment Number: _____
☐ Match Amount: \$ _____ ☐ Revenue Amount: \$ _____

***All Funding Source(s) required:** _____

*Match funding from General Fund? ☐ Yes ☐ No If Yes \$ _____ % _____

*Match funding from other sources? ☐ Yes ☐ No If Yes \$ _____ % _____

*Funding Source: _____

*If Federal funds are received, is funding coming directly from the Federal government or passed through other organization(s)?

Contact: Dawn Dargan Digitally signed by Dawn Dargan
DN: cn=Dawn Dargan, o=Harris County, ou=Procurement
email=dd@harriscountytx.gov, c=US
Date: 2022.08.16 16:46:54 -0700

Scott Loomis Digitally signed by Scott Loomis
Date: 2022.08.17 17:19:26 -0700

Department: Procurement Terri Spencer Digitally signed by Terri Spencer
Date: 2022.08.16 11:28:13 -0700

Telephone: 724-9071

Director
Department Director Signature: _____

Nancy Cole

Date: 8/18/22

Deputy County Administrator Signature: _____

Date: 8/18/2022

County Administrator Signature: _____

Date: 8/19/2022

PIMA COUNTY CAPITAL PROGRAM OFFICE

PROJECT: SELC – Water District Formation

CONTRACTOR: Westland Resources, Inc.
4001 East Paradise Falls Drive
Tucson, Arizona 85712

CONTRACT NO.: CT-PW-21-161

AMENDMENT NO.: Two (2)

FUNDING: General Fund

| | | | |
|--|----------------------------------|----|------------|
| CONTRACT TERM: 09/30/20 - 09/30/23 | ORIGINAL CONTRACT AMOUNT: | \$ | 233,341.64 |
| TERMINATION PRIOR AMENDMENT: 09/30/23 | PRIOR AMENDMENT(S): | \$ | 6,554.98 |
| TERMINATION THIS AMENDMENT: 09/30/23 | AMOUNT THIS AMENDMENT: | \$ | 162,194.00 |
| | REVISED CONTRACT AMOUNT: | \$ | 402,090.62 |

CONTRACT AMENDMENT

WHEREAS, COUNTY and CONSULTANT have entered into the Contract referenced above; and

WHEREAS, COUNTY and CONSULTANT have agreed to modify the scope of work to close Tasks 2-5, 8, and 9, add Task 10 - Contingency and Task 11 – Permitting and Agency Coordination, and reallocate funds among major tasks; and

WHEREAS, COUNTY and CONSULTANT have agreed to add Part B to the scope of work for 60-100 percent well design and equipping, which includes, Project Management, Pre-Design, Detailed Design, ADEQ Permitting, and Construction Services, and add SUBCONSULTANTS, Canfield Engineering and Integration; JE Fuller Hydrology and Geomorphology, Inc.; and Hess – Rountree, Inc., at a cost acceptable to COUNTY; and

WHEREAS, COUNTY intends to increase the amount of the Contract for the additional services; and

WHEREAS, COUNTY and CONSULTANT have agreed to the above modifications.

NOW, THEREFORE, it is agreed as follows:

CHANGE: ARTICLE 2 – SCOPE OF SERVICES, first sentence, as follows:

From: "CONSULTANT agrees to provide Architectural and Engineering Design Services for the COUNTY as described in EXHIBIT "A" – SCOPE OF SERVICES (17 pages), an attachment to this contract, and to complete such services within the term and value of this contract as it may be modified in accordance with Article 5."

To: "CONSULTANT agrees to provide Architectural and Engineering Design Services for the COUNTY as described in EXHIBIT "A" – SCOPE OF SERVICES (17 pages) and EXHIBIT "A" – SCOPE OF SERVICES, ATTACHMENT 1 (5 pages), an attachment to this contract, and to complete such services within the term and value of this contract as it may be modified in accordance with Article 5."

CHANGE: ARTICLE 4 – COMPENSATION AND PAYMENT, second and third paragraphs as follows:

From: "The total of all payments to CONSULTANT for services provided under this Contract will not exceed Two Hundred Twenty-Nine Thousand Eight Hundred Ninety-Six Dollars and Sixty-Two Cents (\$229,896.62).

CONSULTANT's total CPFF will be allocated among the major tasks contemplated by this Contract in such manner that each major deliverable will have associated with it a not-to-exceed cost, plus a fixed fee amount, incorporated herein as EXHIBIT "B" – COMPENSATION SCHEDULE (20 pages) and EXHIBIT "B" – COMPENSATION SCHEDULE, ATTACHMENT 1 (9 PAGES)....."

To: "The total of all payments to CONSULTANT for services provided under this Contract will not exceed Four Hundred Two Thousand Ninety Dollars and Sixty-Two Cents (\$402,090.62).

CONSULTANT's total CPFF will be allocated among the major tasks contemplated by this Contract in such manner that each major deliverable will have associated with it a not-to-exceed cost, plus a fixed fee amount, incorporated herein as EXHIBIT "B" – COMPENSATION SCHEDULE (20 pages), EXHIBIT "B" – COMPENSATION SCHEDULE, ATTACHMENT 1 (9 pages), and EXHIBIT "B" – COMPENSATION SCHEDULE, ATTACHMENT 2 (34 pages)....."

ATTACH: EXHIBIT "A" – SCOPE OF SERVICES, ATTACHMENT 1 (5 pages)

EXHIBIT "B" – COMPENSATION SCHEDULE, ATTACHMENT 2 (34 pages)

All other provisions of the Contract, not specifically changed by this Amendment, shall remain in effect and be binding upon the Parties.

IN WITNESS THEREOF, the Parties have affixed their signatures to this Amendment on the dates written below.

PIMA COUNTY:

Chair, Board of Supervisors

Date

CONSULTANT:

Signature

Craig Cannizzaro, Vice President
Name and Title (Please Print)

9-2-22
Date

ATTEST:

Clerk of the Board

Date

APPROVED AS TO FORM:

[Signature]
Deputy County Attorney

Rachelle Barr
Name (Please Print)

08/28/2022
Date

EXHIBIT "A" - SCOPE OF SERVICES, ATTACHMENT 1 (5 PAGES)

EXHIBIT "A" PART "B" ADDITIONAL SCOPE

SELC WELL REPLACEMENT PART B 60-100% WELL DESIGN AND EQUIPPING

PHASE 1. PROJECT MANAGEMENT

Services under this phase will include coordination with the County and general project management tasks. Tasks will include, but are not limited to, meetings, invoicing and budget review, scheduling, and coordination with subcontractors.

PHASE 2. PRE-DESIGN

Task 2.1 Hydrological Analysis

A parallel study for South Houghton Road is currently under evaluation by others. While an attempt will be made to retrieve South Houghton Road project insight regarding future plans for South Houghton Road and/or Fairground's flood corridor channels design and the possible implications on the proposed well site, the timing of this information may or may not be available for this study. For this reason and since the 500-yr flood level is expected to be beyond the South Houghton Road level of design, this scope of work is based on an independent existing conditions analysis by updating the SERP Master Plan Modeling with new 500-yr rainfall data.

Task 2.2 Field Survey

Under this task the following survey work must be completed at the site:

- Recover necessary horizontal and vertical control points for site design, including surveying existing cultural features and infrastructure including fences, walls, visible utilities and drainages, and other improvements that aerial topography will not pick up.
- Set ground control and have the sites flown for a 1" = 40' scale mapping with 1' contour interval topography and color orthophotography, for design purposes. As part of this task, numerous check measurements shall be obtained for quality control checks of the aerial topography.
- Perform field survey per Arizona Boundary Survey Minimum Standards to locate the current boundary of parcel APN 305-01-012. The results of Survey Map will be filed with the Pima County Recorder.
- Conduct document research including the review of legal descriptions of adjacent parcels and miscellaneous records. Conduct field survey to locate remaining property monuments (as needed for control), above ground utilities, and Blue Stake markings.
- Prepare a base file (CAD .dwg file and pdf image) depicting items listed above for use and design.
- Procure exhibits and legal descriptions of the surveyed areas.

PHASE 3. DETAILED DESIGN

Services under this task will include completion of construction drawings and specifications. As is possible, all specifications will be included on the plan set and separate specifications will be for items/processes not covered under current Pima County or Pima Association of Governments (PAG) approved specifications. Two detailed design packages will be prepared (60% and 100%)

that will each be submitted to the County for review and approval before continuing to the next stage. Design plans and specifications will be prepared per ADEQ requirements for permitting, bidding, and construction.

Task 3.1. 60-Percent Design

This task includes work associated with preparing 60% draft versions of the technical documents. This draft is intended to solidify design decisions prior to development of the final construction documents. This includes preliminary technical site layout, grading, electrical, site piping, transmission main design, and mechanical design. The items included as a part of this 60% design include:

- Site Layout and equipping of new 650-gpm well (for ultimate conditions).
- Well Pump and Motor.
- Column Piping.
- Well Discharge manifold and appurtenances.
- Site Piping.
- Hydropneumatic Tank and related appurtenances (initial configuration will determine if this is needed).
- Plan and Profile for transmission main between new well and existing tank.
- Tie-in to existing reservoir.

Task 3.2. 100-Percent Design

This task includes the 100% design drawing set which will be provided to the County electronically (in AutoCAD and PDF format) at the conclusion of the project. Drawings will be of suitable detail for a contractor to construct without full-time engineering support and to support an Approval to Construct (ATC) by the Arizona Department of Environmental Quality (ADEQ). The plan set will be stamped by a professional engineer registered in the state of Arizona.

Task 3.3. Electrical Design

Under this task, electrical and instrumentation design for the well pumping and control equipment will be provided. The 100% electrical design will build off the 30% electrical design that CEI completed as part of the previous project's scope.

PHASE 4. ADEQ PERMITTING – APPROVAL TO CONSTRUCT

As required by ADEQ to permit drinking water facilities, the County will be required to obtain permitting prior to construction (ATC).

Contractor will provide the services necessary to obtain an ATC from ADEQ for the well equipping and construction of the water main connecting the well to the existing reservoir. Services include completion of the application and submittal to ADEQ of the application package.

PHASE 5. BIDDING SERVICES

Assistance will be provided to the County for soliciting bids from contractors for equipping the well and installing the 8" line connecting the new well to the existing Motorsports Reservoir. Services under this task will include

- Assistance with preparation and publication of the bid advertisement.
- Performance of a contractor's bid walk. This task includes recording a list of attendees and documenting questions asked during the bid walk.
- Evaluation and response for up to 8 contractor requests for information (RFIs).
- Preparation of necessary modifications and addenda to the bid documents (up to two addenda).
- Review and evaluation of received bids. This will include line-item tabulations of the bids received, review for arithmetic errors or anomalies, and checking for appropriate credentials.
- Recommendation on selection of a contractor.
- Assistance with preparation of the contract documents.

PHASE 6. CONSTRUCTION PERIOD SERVICES

Services for this phase include the construction field services, project management, administration, and record keeping activities associated with the construction.

Task 6.1 Construction Administration

This task includes the construction administration and recordkeeping activities associated with the construction project. The office administration activities will rely on and support the Inspection/Field Services activities of **Task 6.2**; thus, both tasks will be concurrent. Work under this task will include the following activities:

- Log and respond to contractor RFIs.
- Evaluate "Equals" (at contractor's request and expense if determined "Not Equal").
- Process, review, and evaluate requests for change orders.
- Process approved change orders through the County, using approved forms.
- Keep and maintain project file containing:
 - Inspection reports,
 - Pay estimates,
 - Daily logs,
 - Monthly reports, and
 - Other communications.
- Log and review
 - Product data (not regarded as submittals),
 - Equipment and materials shop drawing submittals (a maximum of two reviews per submittal),
 - Factory test reports (materials and equipment), and
 - Field test reports (including concrete and soils test reports, as required).
- Review and approve payment applications based on the actual status of construction and approved Schedule of Values.
- Review construction schedule (initial and ongoing) and update accordingly.

- Monitor progress against the approved construction schedule and notify the County regarding changes.
- Prepare and submit monthly project status reports with field photos.
- Assist County in general administration of project.
- Conduct progress meetings (once every two weeks or once per month) with meeting minutes sent out to team.

Task 6.2 Construction Observation

Field-related activities associated with the construction project are considered construction observation services. These efforts will be supported by the administrative staff as described in **Task 6.1**. Observation/Field Services activities include the following:

- Attend a pre-construction conference.
- Review of shop drawings and submittals (assumed up to eight submittals with a maximum of two reviews per submittal).
- Review construction schedule (initially and ongoing).
- Evaluate construction status with respect to approved construction schedule.
- Verify construction status for pay requests.
- Review contractor's testing procedures and testing frequency.
- Maintain digital photographic record while onsite.
- Identify and develop resolutions for unsatisfactory work.
- Evaluate and assist in resolution of issues.
- Log occurrences of damage, incidents, and/or interruptions, and resolution.
- Evaluate conditions involving requests for change orders.
- Create and maintain project punch list.
- Review contractor's record drawings for as-builts.
- Observe startup.
- Observe all piping installation and tie-ins.
- Observe testing:
 - Pressure Test,
 - Well chlorination and high chlorine test, and
 - Low chlorine test and bac-T sampling (the day immediately following the well chlorination).
- Substantial Completion inspection.
- Final Completion inspection.

Task 6.3 Electrical Support During Construction

Construction management support for electrical services and startup shall be provided. Startup support will include the preparation of pre-functional and functional startup checklists. Onsite startup support shall be for verification that the contractor has executed and completed items on the pre-functional checklist and for verification of functional testing. Pre-functional testing shall include inspection for proper installation, IO loop checks and instrument calibration. Functional

testing shall include protective interlock testing, manual operation of equipment and automatic operation of equipment. Electrical support will include

- Review of submittal shop drawings.
- Review and response to RFIs.
- Review of Operation and Maintenance (O&M) submittals.
- Onsite observations.
- Preparation of record drawings.
- Startup support.

Task 6.4 Approval of Construction

At Substantial Completion of the project, an Engineer's Certificate of Completion (ECC) for the project to obtain an ADEQ AOC will be prepared as well as an as-built drawing set. Services under this task include completion of the application and submittal to ADEQ of the application package.

END OF EXHIBIT "A", ATTACHMENT 1

EXHIBIT "B" - COMPENSATION SCHEDULE, ATTACHMENT 2 (34 PAGES)



4001 E. Paradise Falls Drive
Tucson, Arizona 85712
520-206-9585

July 29, 2022

Mr. Tony Somers
Pima County Project Management Office
201 N. Stone Avenue
Tucson, Arizona 85701

**Re: SELC MOTORSPORTS WELL EQUIPPING
& PROJECT BUDGET REALLOCATION AND AMENDMENT
WESTLAND PROPOSAL NO. 2021P00545 REVISION 1**

Dear Mr. Somers:

WestLand Engineering & Environmental Services (WestLand) is pleased to provide this proposal to Pima County (County) for professional engineering services required to design and permit the new Motorsports Parkway and Southeast Employment and Logistics Center (SELC) Well. As part of the previous scope of services (Part A), WestLand is contracted to complete 30% design layout for the entire new well site and for the new well to be drilled. As part of this new scope of services (Part B), WestLand will complete 60% and 100% design for the well only (with piping connection and controls to existing Motorsports Reservoir), with the remaining site components to be completed in the future.

In addition to the new scope of services provided as Part B, WestLand would also like to request a reallocation of the existing budget for Part A. Since the inception of this project there have been several changes to the overall scope and deliverables (Part A), due to unforeseen developments and new information. The tasks that were outlined in the original project proposal no longer match the actual work being completed for this project. Due to changes and because of the overall size and duration of this project, WestLand is requesting to reallocate the budget for this project, per task, to more accurately represent the work being completed.

The following sections for Part A and Part B describe the justification and need for reallocating the existing project budget, and the additional scope of services proposed to equip the new well, respectively.

PART A

WestLand is not requesting an increase or decrease to the total project budget for Part A; that will not change. As discussed in previous conversations, WestLand feels it would be helpful to the success of the overall project to reorganize the project tasks and associated task budgets to more appropriately fit the current tasks for the project moving forward.

A summarized list of the proposed changes to the Part A budget is included below and shown in **Table 1**. Movement of specific budget amounts between tasks is included in the attached Budget Reallocation spreadsheet.

- **Task 1- Project Management** will remain open. Some funds will be moved out of this task and into a new task (Task 11) to encompass all permitting and agency coordination. Additionally, remaining budget from Task 8- Preliminary Environmental, Clean Water Act, and Cultural Resources will be moved into this task for project management.
- **Task 2- DWID Formation Assistance** will be closed, with the remaining budget moved to a new task (Task 10) for contingencies.
- **Task 3- Assured Water Supply** will be closed, with the remaining budget moved to a new task (Task 11) to encompass all permitting and agency coordination.
- **Task 4- Recovery Well Permits for Existing Fairgrounds Well** will be closed, with the remaining budget moved to existing Task 6- New Well Design and Drilling.
- **Task 5- ADEQ Assistance** will be closed, with the remaining budget moved to new Task 11- Permitting and Agency Coordination.
- **Task 6- New Well Design and Drilling** will remain open and will have some budget added from other closed tasks to encompass all work from subconsultant, Clear Creek Associates.
- **Task 7- 30% Design** will remain open, with a small portion of the remaining budget moved to new Task 11- Permitting and Agency Coordination.
- **Task 8- Preliminary Environmental, Clean Water Act, and Cultural Resources** will be closed, with the remaining budget moved to Task 1- Project Management.
- **Task 9- Asset Inventory** will be closed out with zero budget remaining to be moved elsewhere.
- **Task 10- Contingency** will be added with budget moved from closed Task 2- DWID Formation Assistance.
- **Task 11- Permitting and Agency Coordination** will be added to encompass all necessary permitting and agency coordination (ADWR, ADEQ, and CAGR), with budget moved from tasks 1, 3, 5, and 7.

Table 1. Summary of Proposed Task Changes

| Task | Proposed Action |
|--|------------------------|
| Task 1. Project Management | Keep |
| Task 2. DWID Formation Assistance | Close |
| Task 3. Assured Water Supply | Close |
| Task 4. Recovery Well Permits for Existing Fairgrounds Well | Close |
| Task 5. ADEQ Assistance | Close |
| Task 6. New Well Design & Drilling (Clear Creek) | Keep |
| Task 7. 30% Design | Keep |
| Task 8. Preliminary Environmental, CWA, & Cultural Resources | Close |
| Task 9. Asset Inventory | Close |
| Task 10. Contingency | New |
| Task 11. Permitting and Agency Coordination | New |

In summation, none of the existing task names will change; however, two new tasks will be added. We propose that a few of the existing tasks be closed and their remaining budgets dispersed to both new and existing tasks. There were some duties included in the original budget that were not ultimately needed for this project; however, there were other duties that were necessary to add along the way. Therefore, WestLand is requesting to keep the total project budget amount the same. The total project budget (after Amendment 01) was \$229,896.62, and the total project budget will remain \$229,896.62.

PART B

The new well site will include space for a future reservoir and booster station. Initially the new Motorsports SELC Well will pump directly into the existing 60,000-gallon reservoir at the Motorsports Well Site and will replace the existing failing well. In the future, once the County has completed construction of a new reservoir and booster station at the SELC Well Site, the SELC Well will then pump into the new SELC Reservoir instead of the older Motorsports Reservoir. The new SELC booster station will then provide the source of water to fill the existing Motorsports Reservoir.

The scope of services proposed for this next stage of the project is described in the following sections.

PHASE 1. PROJECT MANAGEMENT

WestLand will assist the County in determining the schedule and strategy for equipping the new well. Services under this phase will include coordination with the County and general project management tasks. Tasks will include, but are not limited to, meetings, invoicing and budget

review, scheduling, and coordination with subcontractors. WestLand assumes that all meetings will be virtual.

Fee for Phase 1

WestLand will provide the **Phase 1** scope of services on a time-and-materials not-to-exceed (NTE) basis. The estimate of the total budget to complete the tasks described above is \$13,057 to be billed at WestLand's current billing rates associated with our existing contract with the County for Southeast Employment and Logistics Center Water District Formation Services (Contract Number CT-PW-21-161). The costs associated with specific tasks may be more or less than the estimates provided, but WestLand will not exceed the total project budget without authorization from the County.

PHASE 2. PRE-DESIGN

Task 2.1 Hydrological Analysis

WestLand will subcontract JE Fuller Hydrology & Geomorphology, Inc. (JE Fuller), to prepare a brief drainage statement to identify the approximate 500-year (yr) flood depth on the Motorsports SELC well site. Currently no estimation of the 500-yr floodplain elevation is available. Under this task, JE Fuller will update the existing JE Fuller 2012 Southeast Regional Park (SERP) FLO-2D model to determine an estimate of the 500-yr floodplain elevation for the proposed well site. Analyses will require modifications to the 2012 FLO-2D modeling to generate the requisite results.

A parallel study for South Houghton Road is currently under evaluation by others. While an attempt will be made to retrieve South Houghton Road project insight regarding future plans for South Houghton Road and/or Fairground's flood corridor channels design and the possible implications on the proposed well site, the timing of this information may or may not be available for this study. For this reason and since the 500-yr flood level is expected to be beyond the South Houghton Road level of design, this scope of work is based on an independent existing conditions analysis by updating the SERP Master Plan Modeling with new 500-yr rainfall data. JE Fuller will document its findings and provide recommendations within a concise write-up in letter report format that can be used to document the existing conditions and to inform the design layout for well site improvements. Submittal will be in digital PDF file format only.

Task 2.2 Field Survey

Under this task, WestLand will subcontract Hess-Rountree, Inc., to conduct the following survey work at the site:

- Recover necessary horizontal and vertical control points for site design. As part of the task, WestLand will survey existing cultural features and infrastructure including fences, walls, visible utilities and drainages, and other improvements that aerial topography will not pick up.
- Set ground control and have the sites flown for a 1" = 40' scale mapping with 1' contour interval topography and color orthophotography, for design purposes. As part of this task,

numerous check measurements shall be obtained for quality control checks of the aerial topography.

- Perform field survey per Arizona Boundary Survey Minimum Standards to locate the current boundary of parcel APN 305-01-012. The results of Survey Map will be filed with the Pima County Recorder.
- Conduct document research including the review of legal descriptions of adjacent parcels and miscellaneous records. Conduct field survey to locate remaining property monuments (as needed for control), above ground utilities, and Blue Stake markings.
- Prepare a base file (CAD .dwg file and pdf image) depicting items listed above for use and design.
- Procure exhibits and legal descriptions of the surveyed areas.

Deliverables for Phase 2

- Map of existing site conditions. Map will depict fence lines, identified utilities, property lines, etc.
- Topographic map.
- Record of Survey (ROS) map. Map will be filed with the Pima County Recorder.
- Exhibits and legal descriptions for each of the following
 - Potential reservoir site #1
 - Potential reservoir site #2
 - Suggested well location
 - Access easement
 - New water line easement
 - Utilities from Right-of-Way easement
- Hydrological Report.

Assumptions for Phase 2

- The survey shall use ground coordinates and show conversion parameters to the NAD83 Horizontal datum with mapping plane AZ SPC83 C 2002 for all horizontal coordinates. North American Vertical Datum of 1988 (NAVD88) will be utilized for all vertical points.
- A design Blue Stake was completed for this area with only two utilities present. Based on those results, WestLand does not anticipate any potholing to be needed at this time. If further activities indicate otherwise, potholing could become necessary. If potholing becomes necessary, WestLand can provide a proposal for this work.
- The County will provide maps, drainage information, studies and other documents for work that has occurred in this area.
- Based on preliminary review, the alignment will not cross any washes and a scour analysis will not be necessary.

Fee for Phase 2

WestLand will provide the **Phase 2** scope of services on a time-and-materials NTE basis. The estimate of the total budget to complete the tasks described above is \$24,344 to be billed at WestLand's current billing rates associated with our existing contract with the County for Southeast Employment and Logistics Center Water District Formation Services (Contract Number CT-PW-21-161). The costs associated with specific tasks may be more or less than the estimates provided, but WestLand will not exceed the total project budget without authorization from the County.

PHASE 3. DETAILED DESIGN

Services under this task will include completion of construction drawings and specifications from WestLand and its sub consultants, hereafter, collectively referred to as WestLand. As is possible, all specifications will be included on the plan set and separate specifications will be for items/processes not covered under current Pima County or Pima Association of Governments (PAG) approved specifications. WestLand will provide two detailed design packages (60% and 100%) that will each be submitted to the County for review and approval before continuing to the next stage. WestLand will prepare the design plans and specifications per ADEQ requirements for permitting, bidding, and construction.

WestLand proposes to advance the 30% design for the well, pump, and motor selection based on calculations regarding drawdown and flow conditions. The ultimate plans will include a vertical turbine well pump, column pipe, tube, shaft, motor, piping, manifold, and associated appurtenances. Additionally, the plans will include a transmission pipeline and detail to connect the new well to the existing Motorsports Reservoir. Initial design may be a smaller submersible pump for the Motor Sports Park until future flows for the new development are required. This will be discussed with and approved by the County prior to design. Any components (electrical, site layout, piping) will be designed for the ultimate configuration in mind if a smaller pump is initially used.

Internal QA/QC reviews will occur during the design, including a constructability review by WestLand's field inspection department.

Task 3.1. 60-Percent Design

This task includes work associated with preparing 60% draft versions of the technical documents. This draft is intended to solidify design decisions prior to development of the final construction documents. This includes preliminary technical site layout, grading, electrical, site piping, transmission main design, and mechanical design. The items included as a part of this 60% design include:

- Site Layout and equipping of new 650-gpm well (for ultimate conditions).
- Well Pump and Motor.
- Column Piping.
- Well Discharge manifold and appurtenances.

- Site Piping.
- Hydropneumatic Tank and related appurtenances (initial configuration will determine if this is needed).
- Plan and Profile for transmission main between new well and existing tank.
- Tie-in to existing reservoir.

Task 3.2. 100-Percent Design

This task includes the 100% design drawing set which will be provided to the County electronically (in AutoCAD and PDF format) at the conclusion of the project. Drawings will be of suitable detail for a contractor to construct without full-time engineering support and to support an Approval to Construct (ATC) by the Arizona Department of Environmental Quality (ADEQ). The plan set will be stamped by a professional engineer registered in the state of Arizona.

Task 3.3. Electrical Design

Under this task, WestLand will contract Canfield Engineering and Integration (CEI) to provide electrical and instrumentation design for the well pumping and control equipment. The 100% electrical design will build off the 30% electrical design that CEI completed as part of the previous project's scope. CEI will provide a total of three design packages (60%, 100% draft, and 100%-permitting).

In addition to conducting one site visit, CEI will communicate with WestLand staff and the County to identify and verify site and control requirements. The **Task 3.3** scope includes two virtual team meetings and one site visit conducted by CEI.

Deliverables for Phase 3

- 60% submittal package
 - One (1) plan set developed based upon the approved Basis of Design Report prepared under the current project. This plan set will include the following items:
 - General
 - Cover Sheet
 - General Notes and Legend
 - Civil
 - Well Site Layout
 - Well Site Grading
 - Transmission Main Plan and Profile (40-scale)
 - Mechanical
 - Well Equipping Details, Hydraulics, and Pump Selection
 - Mechanical Piping Plan
 - Hydropneumatic Tank Details (if needed)
 - Connection Detail

- Electrical
 - Existing drawings updated from 30% design
 - Single Line Diagram of new well site.
 - P&ID of new well and existing reservoir.
 - P&ID of new booster station shown as future.
 - P&ID of hydro tank shown as future and Support Equipment.
 - P&ID of new reservoir shown as future
- 100% submittal package
 - One plan set addressing the comments from the review of the 60% plan set including:
 - General
 - Cover Sheet
 - General Notes and Legend
 - Civil
 - Well Site Layout
 - Well Site Grading
 - Transmission Main Plan and Profile
 - Mechanical
 - Well Equipping Details, Hydraulics, and Pump Selection
 - Mechanical Piping Plan
 - Hydropneumatic Tank Details (if needed)
 - Connection Detail
 - Electrical
 - Symbols and Legends I
 - Symbols and Legends II
 - Electrical Specifications
 - Instrumentation and Control Specifications
 - EI&C Typical Details
 - Equipment Rack Detail
 - Conduit Block Diagram
 - Calculations and Schedules
 - RTU Schematic
 - Well Pump Schematic
 - Electrical Site Plan
 - P&ID of Symbols and Legends I
 - P&ID of Symbols and Legends II

- P&ID of Control Strategy & Network Diagram
- Single-line Diagrams
- Final Design Report containing the engineering design criteria and calculations associated with the project, including calculations in support of the design.
- Engineer's Opinion of Probable Construction Cost

Assumptions for Phase 3

- New wells and electrical equipment will not be located in an enclosed building. Placement of equipment inside a new building will require architectural design, which will require additional fees.
- The existing Motorsports Well will remain operational until the new system has received an ADEQ Approval of Construction (AOC).
- The line to Motorsports is supply only, the existing boosters will remain in operation as they are currently functioning.
- There are no existing sewer lines or gas lines along the pipeline alignments.
- Specifications will be included on the drawings where possible.
- Environmental permitting and surveys are excluded from this scope.
- One round of revisions from the County will be provided after the 60% design has been submitted, provided that these revisions will not fundamentally alter the design concept as prepared, causing substantial revisions.
- WestLand will prepare the necessary documentation for the County to apply for the ATC permit; however, WestLand will not apply for or pay for the permit.
- Technical drawings and specifications will be signed and sealed by an engineer registered in the state of Arizona, in the appropriate discipline.
- For each submittal, WestLand will submit the design report, the plans, and other pertinent documents to the County for review and comment. WestLand will transmit copies of the plans and specifications, and other documents, in the proper quantities, to the appropriate governmental agencies and utilities for review and comment, as required.
- No treatment or blending to meet water quality standards is required. WestLand would be happy to provide a proposal for additional services as tested water quality dictates.
- The existing method of chlorination will continue to be utilized at the new well (liquid chlorine injection with peristaltic pump). This proposal assumes that the new chlorination system will be at the new well site and be controlled by the well pump.
- The existing tank can accommodate the inlet from the new well without additional structural support.
- This proposal does not address any upgrades or repairs to the existing tank other than the addition of a new top-fill inlet from the new well.
- The County will provide a comment summary for each submittal, in written format, for WestLand to respond to, along with supporting documentation related to those comments.

- The final submittal to the County will also include one (1) USB drive with electronic copies of the above-described submittal documents.
- Any special inspections that may be required are excluded from this scope.
- This proposal assumes that WestLand and its subconsultants will make a single site visit. WestLand assumes that this site visit will provide access to all equipment associated with the design.
- All coordination efforts and meetings will be via telephone and email.
- If there are troubles encountered during construction that aren't due to a design flaw, WestLand will be happy to provide solutions to the problems encountered, however this work is not part of the scope of this proposal and a change order will be requested.
- The system hydraulics will be reviewed to make sure that the conditions for the initial well drilling will work for the future connection to the proposed on-site reservoir.
- The site will initially be designed for chain link fencing and enclosure, a block wall will be part of the future system design of the booster and reservoir.
- Well pump will be approximately 50HP with flowmeter and high-pressure switch. It is not anticipated that the well will require a waste cycle on startup.
- Site shall include new 3-phase, 480VAC electrical service with new service entrance equipment, ATS, power distribution panels, and well motor starter.
- New electrical equipment should be installed on an electrical equipment rack with a shade canopy.
- Equipment needed as part of the well construction shall be sized to accommodate future booster station expansion.
- The County will provide one round of revisions after a completed set of design drawings has been prepared, but these revisions will not fundamentally alter the design concept.
- The County will perform its own SCADA integration.
- Off-site electrical infrastructure will be provided by the electrical supplier.

Fee for Phase 3

WestLand will provide the **Phase 3** scope of services on a time-and-materials (NTE) basis. The estimate of the total budget to complete the tasks described above is \$64,936 to be billed at WestLand's current billing rates associated with our existing contract with Pima County for Southeast Employment and Logistics Center Water District Formation Services (Contract Number CT-PW-21-161). The costs associated with specific tasks may be more or less than the estimates provided, but WestLand will not exceed the total project budget without authorization from the County. Reimbursable expenses and subconsultants as described in the scope of work are included in the NTE amount.

PHASE 4. ADEQ PERMITTING – APPROVAL TO CONSTRUCT

As required by ADEQ to permit drinking water facilities, the County will be required to obtain permitting prior to construction (ATC). WestLand will assist the County in obtaining this permit at the appropriate time.

WestLand will provide the services necessary to obtain an ATC from ADEQ for the well equipping and construction of the water main connecting the well to the existing reservoir. Services include completion of the application and submittal to ADEQ of the application package.

Deliverables for Phase 4

- Completed and submitted ATC application package.

Assumptions for Phase 4

- WestLand will submit the applications to ADEQ.
- The County will pay associated application fees.
- A flood use permit is not required for the project as it is not anticipated that the sites are located within a flood zone.

Fee for Phase 4

WestLand will provide the **Phase 4** scope of services on a time-and-materials NTE basis. The estimate of the total budget to complete the tasks described above is \$2,898 to be billed at WestLand's current billing rates associated with our existing contract with Pima County for Southeast Employment and Logistics Center Water District Formation Services (Contract Number CT-PW-21-161). The costs associated with specific tasks may be more or less than the estimates provided, but WestLand will not exceed the total project budget without authorization from the County.

PHASE 5. BIDDING SERVICES

WestLand will assist the County with soliciting bids from contractors for equipping the well and installing the 8" line connecting the new well to the existing Motorsports Reservoir. Services under this task will include

- Assistance with preparation and publication of the bid advertisement.
- Performance of a contractor's bid walk. This task includes recording a list of attendees and documenting questions asked during the bid walk.
- Evaluation and response for up to 8 contractor requests for information (RFIs).
- Preparation of necessary modifications and addenda to the bid documents (up to two addenda).
- Review and evaluation of received bids. This will include line-item tabulations of the bids received, review for arithmetic errors or anomalies, and checking for appropriate credentials.
- Recommendation on selection of a contractor.
- Assistance with preparation of the contract documents.

Deliverables for Phase 5

- Bid advertisement.
- Written responses to contractor RFIs and a record of all RFIs.
- Tabulation of bids.

Assumptions for Phase 5

- The County is responsible for paying for advertisements.
- Recommendation of award will depend on the County's criteria for this job. The County will inform WestLand of its criteria for selection.
- Contract documents will be prepared by the County.

Fee for Phase 5

WestLand will provide the **Phase 5** scope of services on a time-and-materials NTE basis. The estimate of the total budget to complete the tasks described above is \$8,842 to be billed at WestLand's current billing rates associated with our existing contract with Pima County for Southeast Employment and Logistics Center Water District Formation Services (Contract Number CT-PW-21-161). The costs associated with specific tasks may be more or less than the estimates provided, but WestLand will not exceed the total project budget without authorization from the County.

PHASE 6. CONSTRUCTION PERIOD SERVICES

Services for this phase include the construction field services, project management, administration, and record keeping activities associated with the construction.

Task 6.1 Construction Administration

This task includes the construction administration and recordkeeping activities associated with the construction project. The office administration activities will rely on and support the Inspection/Field Services activities of **Task 6.2**; thus, both tasks will be concurrent. Work under this task will include the following activities:

- Log and respond to contractor RFIs.
- Evaluate "Equals" (at contractor's request and expense if determined "Not Equal").
- Process, review, and evaluate requests for change orders.
- Process approved change orders through the County, using approved forms.
- Keep and maintain project file containing:
 - Inspection reports,
 - Pay estimates,
 - Daily logs,
 - Monthly reports, and

- Other communications.
- Log and review
 - Product data (not regarded as submittals),
 - Equipment and materials shop drawing submittals (a maximum of two reviews per submittal),
 - Factory test reports (materials and equipment), and
 - Field test reports (including concrete and soils test reports, as required).
- Review and approve payment applications based on the actual status of construction and approved Schedule of Values.
- Review construction schedule (initial and ongoing) and update accordingly.
- Monitor progress against the approved construction schedule and notify the County regarding changes.
- Prepare and submit monthly project status reports with field photos.
- Assist County in general administration of project.
- Conduct progress meetings (once every two weeks or once per month) with meeting minutes sent out to team.

Task 6.2 Construction Observation

Field-related activities associated with the construction project are considered construction observation services. These efforts will be supported by the administrative staff as described in **Task 6.1**. WestLand will provide the services of qualified and experienced construction inspectors for inspection services, as required. These inspectors are fully qualified to review the work, being fully supported by an Arizona-registered professional engineer (PE). The same construction inspectors will be involved throughout the course of the project, for continuity, barring illness or other issues that may require a substitute. Observation/Field Services activities include the following:

- Attend a pre-construction conference.
- Review of shop drawings and submittals (assumed up to eight submittals with a maximum of two reviews per submittal).
- Review construction schedule (initially and ongoing).
- Evaluate construction status with respect to approved construction schedule.
- Verify construction status for pay requests.
- Review contractor's testing procedures and testing frequency.
- Maintain digital photographic record while onsite.
- Identify and develop resolutions for unsatisfactory work.
- Evaluate and assist in resolution of issues.
- Log occurrences of damage, incidents, and/or interruptions, and resolution.
- Evaluate conditions involving requests for change orders.

- Create and maintain project punch list.
- Review contractor's record drawings for as-builts.
- Observe startup.
- Observe all piping installation and tie-ins.
- Observe testing:
 - Pressure Test,
 - Well chlorination and high chlorine test, and
 - Low chlorine test and bac-T sampling (the day immediately following the well chlorination).
- Substantial Completion inspection.
- Final Completion inspection.

Task 6.3 Electrical Support During Construction

CEI will provide construction management support for electrical services and startup. Startup support will include the preparation of pre-functional and functional startup checklists. Onsite startup support shall be for verification that the contractor has executed and completed items on the pre-functional checklist and for verification of functional testing. Pre-functional testing shall include inspection for proper installation, IO loop checks and instrument calibration. Functional testing shall include protective interlock testing, manual operation of equipment and automatic operation of equipment. Electrical support will include

- Review of submittal shop drawings.
- Review and response to RFIs.
- Review of Operation and Maintenance (O&M) submittals.
- Onsite observations.
- Preparation of record drawings.
- Startup support.

Task 6.4 Approval of Construction

At Substantial Completion of the project, WestLand will prepare an Engineer's Certificate of Completion (ECC) for the project to obtain an ADEQ AOC. As a part of the documentation for the AOC, WestLand will prepare an as-built drawing set. Services under this task include completion of the application and submittal to ADEQ of the application package. An ECC is included in the AOC package. After an AOC is received from ADEQ, WestLand will observe the tie-in to the existing system.

Deliverables for Phase 6

- Photo log.
- Punch lists.
- Testing reports.

- Inspection reports (Substantial and Final).
- Completed and submitted AOC application package–
 - ECC signed and sealed by a professional engineer registered in the state of Arizona, and
 - One (1) set of CAD record drawings (as-built drawings).
- Electrical Submittal Reviews (six).
- O&M Submittal Reviews (four).
- Electrical RFI responses (two).
- Electrical site observations (three).
- Record Drawings.
- Pre-functional checklist.
- Functional checklist.

Assumptions for Phase 6

- In order to properly staff the project but to avoid unnecessary trips to the site, WestLand will rely on the contractor to properly coordinate with WestLand's field staff regarding contractor's schedule of work.
- All tasks are for well and pipeline only.
- WestLand will submit the AOC application to ADEQ.
- The County will pay associated application fees.
- The application for AOC will be made based on visual inspection and laboratory test results. If ADEQ requires further testing, a change order would be required to perform and document those additional tests and for resubmittal of the application.
- The completion or verification of the items on the electrical startup checklists shall be by others (contractor).

Fee for Phase 6

WestLand will provide the **Phase 6** scope of services on a time-and-materials NTE basis. The estimate of the total budget to complete the tasks described above is \$48,117 to be billed at WestLand's current billing rates associated with our existing contract with Pima County for Southeast Employment and Logistics Center Water District Formation Services (Contract Number CT-PW-21-161). The costs associated with specific tasks may be more or less than the estimates provided, but WestLand will not exceed the total project budget without authorization from the County.

PROJECT ASSUMPTIONS

This cost estimate is based on the following assumptions:

- WestLand will contract CEI to perform electrical design services for the project.

- During the course of the design phases of this project, it is anticipated that WestLand will not have any onsite meetings. One site visit will occur. Any other onsite meetings requested are not included in the scope of this proposal and will incur extra costs. This does not include the field visits for the **Phase 6** Construction Period Services.
- Property acquisition and delineation has already been taken care of by the County.
- If design work is requested or found to be required that is not a part of the scope of this proposal, WestLand will provide a proposal detailing the scope, schedule, and cost for these design services to the County. Additional design scope will require processing through the change management procedures established in the contract already agreed upon between WestLand and the County.
- Cost is based on estimated timeline for completion. Factors such as surveyor availability and County review time will affect timing and schedule. WestLand anticipates the following timeframes:
 - Five months for design, beginning upon receipt of Notice to Proceed. Pre-Design and Design tasks can be conducted concurrently.
 - At least one month between design and construction phases to allow for ADEQ approval of the ATC.
 - Six months for construction.
- Project will pass Final Inspection.
- Schedules and design will be contingent on what is found underground; for example, soil type, equipment needed, depth, crossings, and storm drains, etc.
- WestLand understands that the County would like to abandon the existing Motorsports well once the new Motorsports SELC well is operational and that Clear Creek & Associates will be adding this task to the well drilling contractor's scope of work.

PROJECT SUMMARY

Table 1 provides a summary of project fees.

Table 1. Project Fee Summary

| Task | Fee | Billing Type |
|---|------------------|---------------------|
| Phase 1. Project Management | \$ 13,057 | NTE |
| Phase 2. Pre-Design | \$ 24,344 | NTE |
| Phase 3. Detailed Design | \$ 64,936 | NTE |
| Phase 4. ADEQ Permitting- Approval to Construct | \$ 2,898 | NTE |
| Phase 5. Bidding Services | \$ 8,842 | NTE |
| Phase 6. Construction Period Services | \$ 48,117 | NTE |
| TOTAL | \$162,194 | |

WestLand will provide the scope of services on a time-and-materials NTE basis, with an estimated budget of \$162,194. Should you find this scope of services and costs described herein to be

Mr. Tony Somers
July 29, 2022
Page 17

acceptable, it is our understanding that the County will provide a change order for the Consultant Services Contract between WestLand and the County numbered CT-PW-21-161 and dated September 30, 2020.

This proposal is valid for ninety (90) days from the date of the proposal. WestLand reserves the right to modify the proposal following that timeframe.

If you have any questions or require additional information, please do not hesitate to call.

Respectfully,
WestLand Engineering & Environmental Services



Beth Bates
Project Manager



Craig Cannizzaro, PE
Director of Engineering

BAB:bsh

Attachments: Budget Reallocation Spreadsheet
CEI Proposal
JE Fuller Proposal
Hess-Rountree Proposal
Budget Breakdown

cc: Clay Jerald, WestLand Engineering & Environmental Services
Cody Sauer, PE, WestLand Engineering & Environmental Services

Budget Reallocation PART A

| Original | | New | | | | | | |
|----------|---|--------------|----------------------------|--------------------------------|---|-------------|-------------|--------------|
| | Task Name | Task Total | Added (Amendment 01) | Total after Amendment 01 | Task Name | Plus | Minus | Task Total |
| Task 1 | Project Management | \$44,987.40 | | \$44,987.40 | Project Management | \$2,215.10 | \$9,220.71 | \$37,981.79 |
| Task 2 | DWID Formation Assistance | \$8,507.48 | | \$8,507.48 | DWID Formation Assistance- CLOSED | \$0.00 | \$7,988.83 | \$518.65 |
| Task 3 | Assured Water Supply | \$59,279.33 | | \$59,279.33 | Assured Water Supply- CLOSED | \$0.00 | \$24,521.06 | \$34,758.27 |
| Task 4 | Recovery Well Permits for Existing Fairgrounds | \$6,770.20 | | \$6,770.20 | Recovery Well Permits for Existing Fairgrounds- CLOSED | \$0.00 | \$1,251.93 | \$5,518.26 |
| Task 5 | ADEQ Assistance | \$3,919.52 | | \$3,919.52 | ADEQ Assistance- CLOSED | \$0.00 | \$3,919.52 | \$0.00 |
| Task 6 | New Well Design and Drilling | \$49,500.00 | | \$49,500.00 | New Well Design & Drilling | \$12,205.96 | \$0.00 | \$61,705.95 |
| Task 7 | 30% Design | \$43,428.72 | \$3,444.53 | \$46,873.25 | 30% Design | \$0.00 | \$5,236.08 | \$41,637.19 |
| Task 8 | Preliminary Environmental, Clean Water Act | \$6,948.99 | | \$6,948.99 | Preliminary Environmental, Clean Water Act- CLOSED | \$0.00 | \$1,840.31 | \$5,108.68 |
| Task 9 | Asset Inventory | | \$3,110.45 | \$3,110.45 | Asset Inventory- CLOSED | \$0.00 | \$0.00 | \$3,110.45 |
| Task 10 | | | | | Contingency | \$7,614.04 | \$0.00 | \$7,614.04 |
| Task 11 | | | | | Permitting & Agency Coordination | \$31,943.34 | \$0.00 | \$31,943.34 |
| TOTAL | | \$223,341.64 | \$6,554.98 | \$229,896.62 | | \$53,978.44 | \$53,978.44 | \$229,896.62 |



March 8, 2022

Beth Kleiman
Engineering Project Coordinator
WestLand Resources
4001 E. Paradise Falls Drive
Tucson, AZ 85712
Phone: (520) 206-9585
Cell: (520) 370-3445
Email: bkleiman@westlandresources.com

Re: WRI – Pima County Motor Sports Park DWID Expansion Well 100% Design
Proposal No.: 210098.1 rev1 Delivered via E-mail

Ms. Kleiman:

On behalf of the CEI staff, I would like to thank you for inviting us to participate in the proposal process for this project. In response to your request for quotation for the above-named project, we have attached our professional engineering services proposal.

Please do not hesitate to contact me at anytime if you have questions or concerns regarding this proposal.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. Ben Canfield'.

R. Ben Canfield, P.E.
Vice President of Engineering

Attachments: Proposal

Cc: File

TABLE OF CONTENTS

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WRI – PIMA COUNTY MOTOR SPORTS PARK DWID EXPANSION WELL – 100%
DESIGN

Proposal No.: 210098.1

Project Overview:

The Pima County Economic Development Plan has prompted the creation of the Southeast Employment and Logistics Center (SELC), a commercial and industrial development surrounding the Pima County Fair Grounds and Motor Sports Park. To meet the upcoming increase in water, demand a Domestic Water Improvements District (DWID) is being formed to serve the area. The existing water infrastructure is currently being run by the Pima County Natural Resources department. This infrastructure is to be turned over to the DWID. Existing infrastructure includes a site at the fair grounds that is not part of this proposal and a site at the Motor Sports park, located at 11700 South Harrison Road, Tucson, Arizona 85747. The initial phase of the DWID is expanding near the Pima County Motor Sports Park. The Motor Sports Park currently is equipped with a well pump, reservoir and booster station that will ultimately be replaced by the new water site.

This design proposal shall build off the 30% design for the DWID water site provided under a separate proposal. A new well will be provided as part of the water infrastructure expansion. The new well site will include space for a future reservoir and booster station. Initially this well site will pump directly to the existing 60,000-gallon reservoir at the Motor Sports Park water site and will replace the existing failing well. It's anticipated that the new Well site shall include:

- (1) Well Pump approximately 50HP with flowmeter, and high-pressure switch. It's not anticipated that the well will require a waste cycle on startup.
- A new simple chlorination system shall be included for disinfection of the well water to the existing storage reservoir.
- Site shall include new 3-phase, 480VAC electrical service with new service entrance equipment, ATS, power distribution panels, and well motor starter. New electrical equipment shall be installed on an electrical equipment rack with a shade canopy. Equipment shall be sized to accommodate future booster station expansion.

March 8, 2022

WRI – PIMA COUNTY MOTOR SPORTS PARK DWID EXPANSION WELL – 100%
DESIGN

Proposal No.: 210098.1

- A 120/208VAC mini power center shall be included in the design for lighting receptacles and general use equipment. Lighting shall be provided under the canopy and around the site as permitted by the local lighting ordinance. General use receptacles shall be included at the canopy and around the site as needed.
- Instrumentation and controls shall be designed to meet the well site needs with provisions for reservoirs and booster station expansion. It's anticipated that the site shall have a single remote telemetry cabinet (RTU) with a programmable logic controller (PLC) for site automation.
 - A temporary communications path will be provided to the existing Motor Sports Park control system. The temporary control loop shall allow for automatic control of the well pump based on the existing reservoir level. The best means of remotely controlling the well pump shall be determined during the preliminary design phase. Potential options include hard wired IO, fiber optic link or 900Mhz radios.

This proposal is for WestLand Resources, Inc. (WRI) and includes scope for the new well design and support during construction. The new reservoir, booster pump station and hydro tank shall be shown as future equipment. Reference proposal number 210098 for preliminary 30% design.

Scope of Work:

Task 01 Project Management - Excluded

Task 02 Process Assessment - Excluded

Task 03 Design – 100%

CEI will communicate with WestLand and Pima County DWID's staff to understand the site requirements. A site visit will be performed to evaluate existing site layout and equipment. CEI will provide design package in three submittals at 60%, 90% and 100% complete.

March 8, 2022

WRI – PIMA COUNTY MOTOR SPORTS PARK DWID EXPANSION WELL – 100%
DESIGN

Proposal No.: 210098.1

Deliverables:

- (2) Remote Meetings (Teams or Equivalent)
- Existing Drawings - Updated from 30% Design:
 1. Single Line Diagram – New Well Site. Booster station shown as future.
 2. P&ID - New Well and Existing Reservoir. New reservoir shown as future.
 3. P&ID - New Booster Station shown as future.
 4. P&ID - Hydro Tank shown as future and Support Equipment.
- New Drawings:
 1. Symbols and Legends I
 2. Symbols and Legends II
 3. Electrical Specifications
 4. Instrumentation and Control Specifications
 5. EI &C Typical Details I
 6. Equipment Rack Detail
 7. Conduit Block Diagram
 8. Calculations and Schedules
 9. RTU Schematic
 10. Well Pump Schematic
 11. Electrical Site Plan
 12. P&ID – Symbols and Legends I
 13. P&ID – Symbols and Legends II
 14. P&ID – Control Strategy & Network Diagram
- Opinion of Probable Cost

Task 04 Procurement - Excluded

Task 05 Support During Construction

WRI – PIMA COUNTY MOTOR SPORTS PARK DWID EXPANSION WELL – 100%
DESIGN

Proposal No.: 210098.1

CEI will provide Construction Management Services. The work shall include review of submittal shop drawings, review, and response to RFI's, review of O&M submittals, onsite site observations, preparation of Record drawings and startup support.

Startup support shall include the preparation of pre-functional and functional startup checklists. The responsibility for completion or verification of the items on the checklists shall be by other (Contractor). On site startup support shall be for verification that the contractor as executed and completed items on the pre functional checklist and for verification of functional testing. Pre-functional testing shall include inspection for proper installation, IO loop checks and instrument calibration. Functional testing shall include protective interlock testing, manual operation of equipment and automatic operation of equipment.

Deliverables:

- (6) Submittal Reviews
 1. General electrical Components (wire, conduit, etc...)
 2. Electrical power distribution equipment.
 3. Power Study
 4. Electrical Motor Starter.
 5. RTU Cabinet
 6. Instruments.
- (4) O&M Submittal reviews
 1. Electrical Power distribution equipment
 2. Electrical Motor Starters
 3. RTU Cabinet
 4. Instruments
- (2) Request for Information (RFIs) responses
- (3) Site Observations
 1. Underground Conduit Inspection
 2. Electrical Equipment Inspection (Pre-Energization)
 3. Final Punch List Inspection

March 8, 2022

WRI – PIMA COUNTY MOTOR SPORTS PARK DWID EXPANSION WELL – 100%
DESIGN

Proposal No.: 210098.1

- Record Drawings
- Start Up Support
 1. Pre-function Checklists
 - IO Loop Check List
 - (4) Instruments Calibration Forms
 - (4) Instrument Inspection forms
 - (6) Equipment Inspection Forms
 2. (1) Functional Checklists
 - (4) Instruments
 - (2) Equipment
 3. (1-Days) Onsite Startup Verification

Task 06 System Integration - Excluded

March 8, 2022

WRI – PIMA COUNTY MOTOR SPORTS PARK DWID EXPANSION WELL – 100%
DESIGN

Proposal No.: 210098.1

Assumptions, Exceptions and Clarifications:

- Proposal good for 30 days
- Procurement of hardware/software excluded
- Fabrication or construction excluded
- Credit Cards accepted with an additional 3.4% fee.
- Per Master Services Agreement with WestLand Resources, Inc.

Project Schedule:

Project schedule will be coordinated upon Notice-to-Proceed.

Fee Schedule:

Compensation for services in this proposal will be completed based on the Time and Material (T&M) Not-To-Exceed (NTE) task listed below and will be billed monthly based on hours spent. Additional time may be required based on the actual condition of the design and coordination efforts.

| | | |
|-----------|-----------------------------|------------------|
| • Task 03 | Design 100% | \$ 12,777 |
| • Task 05 | Support During Construction | <u>\$ 17,474</u> |
| | Total | \$ 30,251 |

Proposal Approved, Accepted, and Authorized to Proceed:

By: _____

Print
Name: _____

Title: _____

Date: _____

PO #: _____

March 8, 2022

WRI – PIMA COUNTY MOTOR SPORTS PARK DWID EXPANSION WELL – 100%
DESIGN

Proposal No.: 210098.1



WestLand Resources, Inc.
Attn: Erik Christenson, P.E.
4001 East Paradise Falls Drive
Tucson, AZ 85712

January 25, 2022

RE: Pima County Motorsports SELC Well Site Drainage Statement, 500-Yr Water Surface Elevation

Dear Erik:

Per your request, JE Fuller/Hydrology & Geomorphology, Inc., (JE Fuller) has prepared the following proposal for the referenced project. The scope of work and associated fee below is based on JE Fuller's understanding of the project as-proposed.

Scope of Work

JE Fuller will prepare a brief drainage statement to identify the approximate 500-year flood depth on the Pima County Motorsports SELC well site. Currently no estimation of the 500-year floodplain elevation is available. Under this task, JE Fuller will update the existing JE Fuller 2012 Southeast Regional Park (SERP) FLO-2D model to determine an estimate of the 500-year floodplain elevation for the proposed well site. Analyses will require modifications to the 2012 FLO-2D modeling to generate the requisite results. A parallel study for South Houghton Road is currently under evaluation by others. While an attempt will be made to retrieve South Houghton Road project insight regarding future plans for South Houghton Road and/or Fairground flood corridor channel designs and the possible implications on the proposed well site, the timing of this information may or may not be available for this study. For this reason and since the 500-yr flood level is expected to be beyond the South Houghton Road level of design this scope of work is based on an independent existing conditions analysis by updating the SERP Master Plan Modeling with new 500-yr rainfall data. JE Fuller will document its findings and provide recommendations within a concise write-up in letter report format that can be used by Westland Resources to document the existing conditions and to inform the design layout for well site improvements. Submittal will be in digital PDF file format only.

Fee

JE Fuller would be able to provide the aforementioned information regarding the 500-year floodplain for lump sum, fixed fee of \$12,800.

General Terms & Conditions

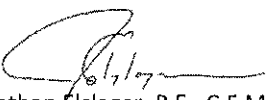
All work not specifically stated within this scope of services is hereby excluded from this contract. Additional or follow-up services not covered herein can be provided for an additional fee, which would be scoped separately. JE Fuller reserves the right to rely on data provided by Westland Resource and/or unnamed third parties including but not limited to local, state, or federal agencies.

This agreement is strictly between the addressee and JE Fuller and is not contingent upon payment by any third parties. This work will be performed under the Subconsultant Agreement between WestLand and JE Fuller. Invoicing will be monthly based on work performed.



Thank you for allowing us to provide you with this proposal. Should you have questions regarding this proposal, please give me a call at 520-623-3112. You may indicate your acceptance of this proposal by signing where indicated below and returning this letter to our Tucson office at 40 E. Helen St., Tucson, AZ 85705.

Sincerely,
JE Fuller/Hydrology & Geomorphology, Inc.



Jonathan Elslager, P.E., C.F.M.
Vice President

| | |
|-----------|------|
| Accepted | |
| <hr/> | |
| Signature | Date |



HESS - ROUNTREE, INC.
Consulting Engineers & Land Surveyors
9831 South 51st Street, Suite C110
Phoenix, Arizona 85044

January 21, 2022

Westland Resources, Inc.
4001 E. Paradise Falls Drive
Tucson, AZ 85712

ATTN: Craig Cannizzaro, P.E., Vice President/Engineering

RE: SELC MOTERSPORTS WELL EQUIPPING SURVEY

Dear Craig,

Thank you for the opportunity to submit a proposal for the above referenced project. We see our scope of services and related fees as follows:

A. AERIAL AND SUPPLEMENT GROUND SURVEY

Perform ground field survey of existing cultural features and infrastructure including fences, walls, visible utilities and drainages, and other improvements that aerial photogrammetry will not accurately depict. Perform ground field survey of above ground utilities and Blue Stake markings. Set ground control and perform aerial photogrammetry for a 1" = 40' scale map with a 1' contour interval and color orthophotography, for design purposes. As part of this task, numerous check measurements shall be obtained for quality control of the aerial photogrammetry. Prepare a base file (AutoCAD Civil 3D and pdf image) depicting items listed above.

FEE: \$ 7,944.00

B. BOUNDARY SURVEY

Perform field survey per Arizona Boundary Survey Minimum Standards to locate the current boundary of parcel APN 305-01-012. The Results of Survey Map will be filed with the Pima County Recorder. Conduct document research including the review of legal descriptions of adjacent parcels and miscellaneous records. Boundary Survey will need to be included if legal description and exhibits (Section C) are requested.

FEE: \$ 3,600.00

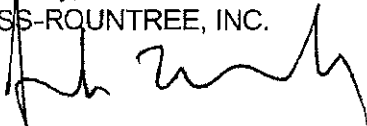
C. EXHIBITS AND LEGAL DESCRIPTIONS:

| | | |
|------|-----------------------------|----------------|
| C. 1 | POTENTIAL RESERVOIR SITE #1 | FEE: \$ 910.00 |
| C. 2 | POTENTIAL RESERVOIR SITE #2 | FEE: \$ 910.00 |
| C. 3 | SUGGESTED WELL LOCATION | FEE: \$ 910.00 |
| C. 4 | ACCESS EASEMENT | FEE: \$ 910.00 |
| C. 5 | NEW WATER LINE EASEMENT | FEE: \$ 910.00 |
| C. 6 | UTILITIES FROM ROW EASEMENT | FEE: \$ 910.00 |

If the above is acceptable, please provide a subconsultant agreement for the work.

Sincerely,

HESS-ROUNTREE, INC.



John Marshall, RLS
Survey Project Manager

APPROVED:

NAME

TITLE

DATE



HESS - ROUNTREE, INC.
Consulting Engineers & Land Surveyors
9831 South 51st Street, Suite C110
Phoenix, Arizona 85044

RATE SCHEDULE

| <u>PERSONNEL</u> | <u>HOURLY RATE</u> |
|--------------------------|--------------------|
| Principal | \$ 170.00/hour |
| Professional Engineer | \$ 140.00/hour |
| Designer, Technician | \$ 100.00/hour |
| Registered Land Surveyor | \$ 140.00/hour |
| Survey Party Chief | \$ 110.00/hour |
| Inspector | \$ 100.00/hour |
| Two-Man Field Crew | \$ 140.00/hour |
| Head CADD Operator | \$ 100.00/hour |
| CADD Drafter | \$ 80.00/hour |
| Junior Drafter | \$ 75.00/hour |

PROPOSAL 2021P00545
PROJECT: S&C NOKSPAXIS Well Equipment

| Name | | Mark Taylor | Chris Chavizano | Both Bates | Clay Jerald | Catherine McMillan | Jim Jenkins | Mike Owens | Bethany Melendez | Rocky Hammond | CLIENT: | Pinn County |
|-------------------------|---|----------------------|-----------------|--------------------|-------------|---------------------|-------------|----------------|------------------|---------------|---------|-------------|
| Hourly Rate | | 26.48 | 59.98 | 11.33 | 12.56 | 73.38 | 11.20 | 131.68 | 80.41 | 80.44 | | |
| | | | | | | | | | | | | |
| Sr Principal Consultant | | Principal Consultant | | Sr. Prof. Level II | | Sr. Tech Specialist | | Sr. Consultant | | TOTAL LABOR | | TOTAL FEE |
| | | | | | | | | | | | | |
| 1 | Project Management | 2 | 27 | 46 | 0 | 26 | 0 | 1 | 3 | 5 | | |
| | Hours | 782.44 | 2,390.32 | 5,259.18 | 0 | 2,781.78 | 0 | 181.46 | 269.08 | 432.20 | | |
| 1.1 | Task Subtotal Hours | 3 | 17 | 46 | 0 | 16 | 0 | 1 | 3 | 5 | | |
| | Hours | 783.44 | 3,390.32 | 5,259.18 | 0 | 2,781.78 | 0 | 131.48 | 269.32 | 432.20 | | |
| 2 | Modeling including scheduling coordination with architect | 1 | 2 | 12 | 12 | 12 | 3 | | | | | |
| | Hours | 2,824.64 | 2,824.64 | 12 | 12 | 12 | 3 | | | | | |
| 2.1 | Pre-Design Phase Analysis (JE Palati) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | Hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 2.2 | 50% year Feasibility report | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | Hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 3 | Architect Supplement Geomatic Survey Boundary Survey Easements & Legal Descriptions | 1,595.89 | 2,390.32 | 1,413.39 | 0 | 1,300.40 | 33,014.00 | 0 | 0 | 0 | | |
| | Hours | 1,067.92 | 2,390.32 | 971.65 | 0 | 5,041.94 | 220 | 19,655.00 | 0 | 0 | | |
| 3.1 | 80% Design | 2 | 12 | 5 | 0 | 29 | 130 | 0 | 0 | 4 | | |
| | Hours | 8,701.20 | 8,701.20 | 4,350.75 | 0 | 8,401.20 | 18,200.00 | 0 | 0 | 1,716.00 | | |
| 3.2 | 100% Design | 2 | 2 | 5 | 0 | 5 | 10 | 0 | 0 | 4 | | |
| | Hours | 5,238.96 | 1,595.89 | 971.65 | 0 | 9,259.96 | 13,000.00 | 0 | 0 | 513.84 | | |
| 3.3 | Final Design Report CAD Review PC Comments | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | Hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 4 | ATC | 234.48 | 199.96 | 914.64 | 0 | 1,043.16 | 302.40 | 0 | 0 | 172.80 | | |
| | Hours | 254.48 | 199.96 | 914.64 | 0 | 1,043.16 | 302.40 | 0 | 0 | 172.80 | | |
| 4.1 | Task Name | 1 | 1 | 8 | 0 | 6 | 2 | 0 | 0 | 2 | | |
| | Hours | 2,897.52 | 2,897.52 | 7,317.12 | 0 | 6,259.92 | 3,024.00 | 0 | 0 | 2,172.00 | | |
| 5 | Bidding Services | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | Hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 5.1 | Task Name | 0 | 10 | 34 | 0 | 17 | 0 | 0 | 0 | 0 | | |
| | Hours | 0 | 1,999.60 | 3,897.22 | 0 | 2,955.82 | 0 | 0 | 0 | 0 | | |
| 6 | Construction Administration | 264.48 | 1,999.72 | 4,801.66 | 4,398.18 | 3,477.20 | 0 | 0 | 0 | 1,037.28 | | |
| | Hours | 1 | 7 | 42 | 33 | 20 | 0 | 0 | 0 | 12 | | |
| 6.1 | Construction Administration | 1 | 4 | 2 | 4 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1 | 4 | 2 | 4 | 8 | 0 | 0 | 0 | 115 | | |
| | Task Subtotal Hours | 1 | 4 | 2 | 4 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | 1,318.48 | 1,318.48 | 3,105.36 | 3,105.36 | 3,105.36 | 0 | 0 | 0 | 1,318.48 | | |
| | Task Subtotal Hours | 1 | 2 | 4 | 2 | 8 | 0 | 0 | 0 | 115 | | |
| | Hours | | | | | | | | | | | |

