



AGENDA

City Council Workshop Meeting

7:00 PM - Tuesday, May 26, 2026

Pasco City Hall, Council Chambers & Microsoft Teams Webinar

Page

- 1. MEETING INSTRUCTIONS for REMOTE ACCESS** - Individuals, who would like to provide public comment remotely, may continue to do so by filling out the online form via the City's website (www.pasco-wa.gov/publiccomment) to obtain access information to comment. Requests to comment in meetings must be received by 4:00 p.m. on the day of this workshop.

The Pasco City Council Workshops are broadcast live on PSC-TV Channel 191 on Charter/Spectrum Cable in Pasco and Richland and streamed at www.pasco-wa.gov/psctlive and on the City's Facebook page at www.facebook.com/cityofPasco.

To listen to the meeting via phone, call 1-332-249-0718 and use access code 424 184 533#.

Audio equipment available for the hearing impaired; contact the Clerk for assistance.

Servicio de intérprete puede estar disponible con aviso. Por favor avisa la Secretaria Municipal dos días antes para garantizar la disponibilidad. (Spanish language interpreter service may be provided upon request. Please provide two business day's notice to the City Clerk to ensure availability.)

- 2. CALL TO ORDER**
- 3. ROLL CALL**
 - (a) Pledge of Allegiance**
- 4. VERBAL REPORTS FROM COUNCILMEMBERS**
- 5. ITEMS FOR DISCUSSION WITH OPPORTUNITY FOR PUBLIC COMMENT** – the public may comment on each topic scheduled for discussion, up to 2 minutes per person with a total of 8 minutes per item. If

opposing sides wish to speak, then both sides receive an equal amount of time to speak or up to 4 minutes each side.

- 3 - 21 **(a) Tri-Cities National Park Committee Presentation (12 minute staff presentation)**
Presentation by Becky Burghart, Hanford Site Manager for the Manhattan Project National Historical Park, and Brent Gerry, former West Richland Mayor and Chair of the Tri-Cities National Park Committee.

- 22 - 41 **(b) Police Department Technology Overview (15 minute staff presentation)**

- 42 - 50 **(c) Revision to Water Rights for Commercial and Industrial Irrigation Purposes (10 minute staff presentation)**

- 51 - 66 **(d) Resolution - Professional Services Agreement Amendment No. 4 with RH2 Engineering, Inc. for Design Services for the Process Water Reuse Facility Phase 4 Irrigation System Farm Upgrades Project (5 minute staff presentation)**

- 67 - 96 **(e) Resolution - Professional Services Agreement Amendment No. 6 with Jacobs Engineering Group, Inc. for Butterfield Water Treatment Plant Improvements (5 minute staff presentation)**

- 97 - 113 **(f) Resolution - Professional Services Agreement Amendment No. 9 with RH2 Engineering, Inc. for Design Services for the Process Water Reuse Facility Phase 2 Project (5 minute staff presentation)**

- 6. MISCELLANEOUS COUNCIL DISCUSSION**

- 7. EXECUTIVE SESSION**

- 8. ADJOURNMENT**

- 9. ADDITIONAL NOTES**

- 114 - 115 **(a) Adopted Council Goals (Reference Only)**

AGENDA REPORT

FOR: City Council May 11, 2026
TO: Harold Stewart, City Manager City Council Regular
Meeting: 5/26/26
FROM: Angela Pashon, Director
Parks & Recreation
SUBJECT: Tri-Cities National Park Committee Presentation (12 minute staff presentation)

I. ATTACHMENT(S):

Presentation
Background Material

II. ACTION REQUESTED OF COUNCIL / STAFF RECOMMENDATIONS:

Presentation by Becky Burghart, Hanford Site Manager for the Manhattan Project National Historical Park, and Brent Gerry, former West Richland Mayor and Chair of the Tri-Cities National Park Committee.

III. FISCAL IMPACT:

N/A

IV. HISTORY AND FACTS BRIEF:

Background

The Tri-Cities National Park Committee (TCNPC) is a regional leadership and advocacy group that serves as a central point of coordination between the community and federal partners.

- Acts as a key liaison to the National Park Service (NPS) and Department of Energy (DOE).
- Provides advocacy, alignment, and local leadership to ensure the success of Manhattan Project National Historical Park.
- Convened by Visit Tri-Cities, the region's destination marketing organization.

V. DISCUSSION:

This presentation is informational only.

Manhattan Project National Historical Park Tri-Cities National Park Committee



Manhattan Project National Historical Park



- Established in 2015 to preserve and interpret the nationally significant historic sites, stories, and legacies associated with the top-secret race to develop an atomic weapon during WWII and provides access to these sites consistent with the mission of the Department of Energy.
- The park is co-managed with the National Park Service & Department of Energy
- Park has operations in Hanford (Tri-Cities), WA; Los Alamos, NM; and Oak Ridge, TN.



Tri-Cities National Park Committee



- The TCNPC began meeting in early 2015. Visit Tri-Cities, the region's destination marketing organization, serves as the convener for the committee, while the committee functions as a key point of contact for the National Park Service (NPS) and Department of Energy (DOE), offering assistance and advocacy.



Committee Members

The TCNPC meets on a quarterly basis and has historically been comprised of:

- Four City Mayors
 - Benton and Franklin Counties
 - Port of Benton
 - B Reactor Museum Association
 - TRIDEC
 - Visit Tri-Cities
 - WSU Tri-Cities Hanford History Project
 - Hanford Communities
 - REACH Museum
 - Richland Public Library
- Representation from:
- DOE + NPS
 - Congressional Delegation Staff -
 - Senator Cantwell, Senator Murray, and Representative Newhouse



TCNP Committee Accomplishments



Page 9 of 115



TRI-CITIES NATIONAL PARK COMMITTEE



February 8, 2021

Mr. Chaun Benjamin
Government Services Administration
Regional Headquarters Building
400 15th Street SW
Auburn, WA 98001

Dear Mr. Benjamin:

RE: Support of Washington State Attorney General Save the State of Washington Archives

The Tri-Cities Manhattan Project National Historical Park Committee fully supports the twenty-nine federally recognized tribes, tribal communities, the State of Oregon, and the nine community organizations who have partnered with the Washington State Attorney General's office lawsuit to save the National Archives and Record Administration's (NARA) building in Seattle from being sold.

In brief, the case for preserving the National Archive in Seattle boils down to three essential considerations: ancestry, accessibility, and accountability.

- The Seattle facility houses original and important federal records for four states—Washington, Oregon, Idaho, and Alaska—and our region's first people, dating back more than 150 years. These records represent the history of the Pacific Northwest, *our* history, and they belong here with us.
- According to NARA, just “.001% of the facility's 56,000 cubic feet of records are digitized and available online.” With so few of its holdings available digitally, removal of physical archival records to Riverside, CA and Kansas City, MO would effectively eliminate access to these resources for whom they are most valuable: researchers, historians, and individuals seeking greater understanding of our region's history and heritage.
- As access to public records and other historical documents is a cornerstone of transparency and accountability, restricting availability to these archival materials would most certainly serve to further erode public trust in state and federal leadership.

The archive is home to many of the most important records relating to the history of the Manhattan Project and its many legacies. For this reason, keeping the Seattle facility is of particular importance to this community and to the Manhattan Project National Historical Park, Hanford Unit, which works closely with this committee. These records are instrumental to the National Park Service's efforts to tell the whole story of what was arguably the most important event of the last century, not only for our community, but for our country and for the entire world. In addition, they remain a vital resource for scholars, historians, writers, and public policy experts interested in better understanding how government, scientists, academics, and industry came together to launch the nuclear age that we are living in today. The Hanford History Project is a partnership between the U.S. Department of Energy and Washington State University (WSU) that is responsible for archiving and digitizing Manhattan Project History. Loss of these records during relocation is of great concern and we request that at a minimum they be retained for digitization.

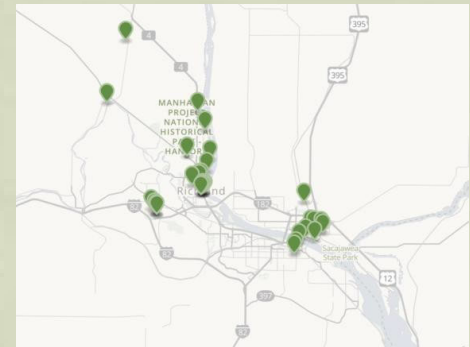
The Tri-Cities National Park Committee is made up to the Tri-Cities cities of Kennewick, Pasco, West Richland and Richland, Benton County, Visit Tri-Cities, TRIDEC, Hanford History Project, B Reactor Museum Association, and the Port of Benton. We get monthly updates from U.S. Department of Energy on facilities and tours and from National Park.



TCNP Committee Goals for 2026 & Beyond



- B Reactor Grand Re-Opening
- American WWII Heritage City Designation Promotion
- River, Trails, and Conservation Assistance Program (RTCA)
- Community Visioning and Analysis of STEM Assets
- Preservation of Pre-Manhattan Assets
- Park Boundary Expansion



Where is MPNHP Park?



B Reactor



Hanford High School



Community Resources & Story Telling



- Community resources and interpretive story telling are woven together in a variety of ranger programs including walking tours, bike rides, hikes, and special events to share this history that is hidden in plain sight.



Page 12 of 115



Expanding Partnerships



- The Tri-Cities is home to 4 National Parks, Monuments and Trails
 - Manhattan Project NHP
 - Ice Age Floods National Geologic Trail
 - Lewis and Clark National Historic Trail
 - Hanford Reach National Monument

Page 13 of 115

We are partnering with the REACH Museum to increase public understanding of the Ice Age Floods, Lewis and Clark Expedition, Manhattan Project, and the shrub steppe ecosystem in the Tri-Cities region.



Final Thoughts & Questions





Tri-Cities National Park Committee

Supporting the Continued Success of the Manhattan Project National Historical Park

What is the Tri-Cities National Park Committee?

The Tri-Cities National Park Committee (TCNPC) is a regional leadership and advocacy group that serves as a central point of coordination between the community and federal partners.

- Acts as a key liaison to the National Park Service (NPS) and Department of Energy (DOE).
- Provides advocacy, alignment, and local leadership to ensure the success of Manhattan Project National Historical Park.
- Convened by Visit Tri-Cities, the region's destination marketing organization.

How Was It Formed?

- The TCNPC began meeting in early 2015, alongside the establishment of the Manhattan Project National Historical Park.
- Formed through a collaborative local effort, led by:
 - by Steve Young (former Mayor of Kennewick), Gary Petersen with TRIDEC, and the Mayors of Pasco, Richland, and West Richland.
- Purpose: The Committee formed to provide a point of contact for the National Park Service and the Department of Energy as well as to offer assistance and advocacy to ensure that the Manhattan Project National Historical Park is a great success.

Who is at the Table?

A broad coalition representing government, tourism, history, and economic development. The TCNPC meets on a quarterly basis and has historically been comprised of:

- | | |
|--|--|
| <ul style="list-style-type: none">• Four City Mayors (Kennewick, Pasco, Richland and West Richland)• Benton and Franklin Counties• Port of Benton• B Reactor Museum Association• TRIDEC• Visit Tri-Cities• WSU Tri-Cities Hanford History Project• Hanford Communities• REACH Museum• Richland Public Library | <p>Representation from:</p> <ul style="list-style-type: none">• DOE + NPS• Congressional Delegation Staff:<ul style="list-style-type: none">• Senator Cantwell, Senator Murray, and Representative Newhouse |
|--|--|

Key Accomplishments

- Letter supporting the National Archives and Record Administration's (NARA) building in Seattle from being sold.
- Submitted Appropriations Request to Senator Cantwell and Senator Murray to fund critical work to preserve the B Reactor including the current roof project.
- Submitted an application for the NPS American World War II Heritage City Designation. The Tri-Cities was designated a Heritage City in late 2022. Only one city per state is awarded this recognition.
 - Visit Tri-Cities continues work on a new webpage to highlight and celebrate the Tri-Cities' designation as an American World War II Heritage City.
 - The new site will connect visitors and residents to locations throughout the Tri-Cities through window clings and use of QR codes.
 - Grant funding from the National WWII Museum in Louisiana and funds designated by Visit Tri-Cities, are supporting the creation and installation of signage throughout the community to help raise awareness of the designation and further celebrate this important part of our region's history.

Goals Moving Forward (2026 & Beyond)

The committee is focused on long-term growth and preservation.

- B Reactor Grand Re-Opening (target: 2028)
- Promote and leverage WWII Heritage City designation
- Rivers, Trails & Conservation Assistance (RTCA) Program
- Community Visioning and Analysis of STEM Assets
- Preservation of Pre-Manhattan Assets
- Park Boundary Expansion

Why It Matters

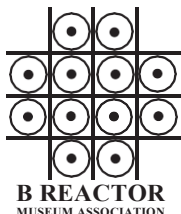
The Tri-Cities sits at the center of a nationally significant story.

Through coordinated leadership and advocacy, the TCNPC helps:

- Strengthen tourism and economic development
- Preserve globally important history
- Position the Tri-Cities as a nationally and internationally recognized heritage destination

The Tri-Cities National Park Committee is administered by Visit Tri-Cities. For additional information, please contact the Tri-Cities Visitor Center at 509-735-8486/info@VisitTri-Cities.com.

**TRI-CITIES
NATIONAL
PARK
COMMITTEE**



February 8, 2021

Mr. Chaun Benjamin
Government Services Administration
Regional Headquarters Building
400 15th Street SW
Auburn, WA 98001

Dear Mr. Benjamin:

RE: Support of Washington State Attorney General Save the State of Washington Archives

The Tri-Cities Manhattan Project National Historical Park Committee fully supports the twenty-nine federally recognized tribes, tribal communities, the State of Oregon, and the nine community organizations who have partnered with the Washington State Attorney General's office lawsuit to save the National Archives and Record Administration's (NARA) building in Seattle from being sold.

In brief, the case for preserving the National Archive in Seattle boils down to three essential considerations: ancestry, accessibility, and accountability.

- The Seattle facility houses original and important federal records for four states—Washington, Oregon, Idaho, and Alaska—and our region's first people, dating back more than 150 years. These records represent the history of the Pacific Northwest, *our* history, and they belong here with us.
- According to NARA, just ".001% of the facility's 56,000 cubic feet of records are digitized and available online." With so few of its holdings available digitally, removal of physical archival records to Riverside, CA and Kansas City, MO would effectively eliminate access to these resources for whom they are most valuable: researchers, historians, and individuals seeking greater understanding of our region's history and heritage.
- As access to public records and other historical documents is a cornerstone of transparency and accountability, restricting availability to these archival materials would most certainly serve to further erode public trust in state and federal leadership.

The archive is home to many of the most important records relating to the history of the Manhattan Project and its many legacies. For this reason, keeping the Seattle facility is of particular importance to this community and to the Manhattan Project National Historical Park, Hanford Unit, which works closely with this committee. These records are instrumental to the National Park Service's efforts to tell the whole story of what was arguably the most important event of the last century, not only for our community, but for our country and for the entire world. In addition, they remain a vital resource for scholars, historians, writers, and public policy experts interested in better understanding how government, scientists, academics, and industry came together to launch the nuclear age that we are living in today. The Hanford History Project is a partnership between the U.S. Department of Energy and Washington State University (WSU) that is responsible for archiving and digitizing Manhattan Project History. Loss of these records during relocation is of great concern and we request that at a minimum they be retained for digitization.

The Tri-Cities National Park Committee is made up to the Tri-Cities cities of Kennewick, Pasco, West Richland and Richland, Benton County, Visit Tri-Cities, TRIDEC, Hanford History Project, B Reactor Museum Association, and the Port of Benton. We get monthly updates from U.S. Department of Energy on facilities and tours and from National Park

Service on education and interpretation. Interest in visiting Hanford's national park facilities continues to grow due to the significance of the Manhattan Project and the Cold War. Prior to COVID, the Tri-Cities community hosted about 15,000 national park visitors to Hanford each year, and WSU held national seminars and ongoing education related to the archives. These activities help the public understand not only Hanford's history, but the legacy waste resulting from Hanford's defense role, and the importance of cleaning up the Hanford Site.

For all these reasons, we strongly support the Attorney General's coalition to save the State of Washington archives and agree that the federal government's consultation process was not followed, and this transaction should not proceed without full consultation with all tribal nations, local communities and families who desire access to their historical heritage. In addition, we urge the State of Washington to view this proposed action as causing a loss of ongoing academic scholarship on Hanford, and a loss of potential economic activity associated with bringing interested parties from around the world to Washington State to learn about the Manhattan Project.

Sincerely,



Mayor Brent Gerry, Committee Chairman
City of West Richland



Mayor Saul Martinez, Committee Vice-Chairman
City of Pasco



Mayor Don Britain
City of Kennewick



Mayor Ryan Lukson
City of Richland

cc: U.S. Senator Patty Murray
U.S. Senator Maria Cantwell
U.S. Congressman Dan Newhouse
Washington State Attorney General Bob Ferguson



2026 Ranger Programs



Manhattan Project National Historical Park Tri-Cities, Washington

Hike Through Time

May 16 | 9:00–11:00 am & Oct. 24 | 12:00–2:00 pm
Candy Mountain Trailhead, Richland

Discover the interconnected stories of Indigenous peoples, Ice Age floods, Lewis & Clark Expedition, settlers, and the Manhattan Project in the mid-Columbia River Region on this 3.6-mile guided hike up Candy Mountain.

Atomic Explorations

May 25–Sept. 5 | Monday–Saturday | 2:00–3:00 pm
Manhattan Project NHP Visitor Center, Richland

Explore the history, science, and people of the Manhattan Project. Delve into the events that culminated in the development and deployment of the world's first atomic bombs during World War II.

Ride with a Ranger

June 13 | 9:00–12:00 pm & Oct. 17 | 10:00–1:00 pm
Tennis Courts, Leslie Groves Park, Richland

Explore the secret city built for Manhattan Project workers. Discover stories and landscapes hidden in plain sight. Ride along bike paths and city streets to the REACH Museum. Attend a ranger talk before returning to the start location. Reservations required.

Schedules are subject to change. Activities may be cancelled. All programs are free. Visit www.nps.gov/mapr for more information.



Download the official **NPS app!** Search for Manhattan Project National Historic Park. Find self-guided tours, things to do, and places to visit. The NPS app is your guide to discovering World War II history in the Tri-Cities.



Department of Energy Pre-WWII Historic Facilities Tours

Fridays, Saturdays, & Holidays | May 1–Sept. 26
Manhattan Project NHP Visitor Center, Richland

Tour is 4 hours. Start times vary. Reservations required.



any weapon involving a reaction among atomic nuclei. An atomic bomb is one kind of nuclear bomb; a hydrogen (or thermonuclear) bomb is another kind that's more powerful.

1939: As World War II begins in Europe, physicist Albert Einstein hears whispers that Nazi Germany may be building the first atomic bomb. He sends a letter to President Franklin D. Roosevelt suggesting the U.S. mount an atomic effort of its own. Roosevelt replies but does nothing.

1941: Japan bombs U.S. Navy ships in Pearl Harbor, Hawaii, drawing the U.S. into war. About the same time, Roosevelt authorizes the Manhattan Engineer District, later known as the Manhattan Project, a team of scientists working on an atomic bomb.

1943: Manhattan Project construction begins at Hanford, Wash.; Oak Ridge, Tenn.; and Los Alamos, N.M.

May 7, 1945: Germany surrenders to the Allies, having failed to develop an atomic bomb.

July 16, 1945: The Trinity Test in Alamogordo, N.M., detonates a plutonium-powered bomb, the world's first atomic bomb detonation.

Aug. 6, 1945: Authorized by President Harry S. Truman, a U.S. B-29 drops an atomic bomb nicknamed "Little Boy" on Hiroshima, Japan. The bomb's uranium fuel initiated a chain reaction, unleashing a 12.5-kiloton explosion, killing an estimated 140,000 people in 1945 and 60,000 more in the next five years.

Aug. 9, 1945: A U.S. B-29 drops a second atomic bomb — plutonium-powered and nicknamed "Fat Man" — on Nagasaki, Japan. The weapon unleashes a 22-kiloton explosion, killing an estimated 70,000 people in 1945 and 70,000 more in the next five years.

Aug. 15, 1945: Japan announces its surrender, ending World War II. Later, many public officials and historians assert that the bombs hastened the war's end, saving hundreds of thousands of lives that would have been lost in a ground invasion of Japan.

Others say Japan was on the brink of surrender because of Russia's Aug. 8 declaration of war against Japan.

1949: Soviet Union detonates its first atomic bomb.

1952: Britain tests its first atomic bomb in Australia.

1960: France conducts its first nuclear test in the Sahara Desert in Algeria.

1964: China explodes its first atomic bomb.

1968: The five "nuclear club" nations agree not to transfer nuclear weapons technology to non-nuclear nations. Passing along nuclear energy technology is another matter, permitted with inspections by the International Atomic Energy Agency.

May 1998: India and Pakistan conduct nuclear weapons tests.

2016: The U.S., Russia, Britain, France, China, India, Pakistan and Israel have nuclear arsenals, according to the Stockholm International Peace Research Institute. (The organization says North Korea has nuclear capabilities but may not have a warhead that a ballistic missile can carry.)

—CHRISTOPHER REYNOLDS

Sources: Historic American Engineering Record; Hanford Cultural and Historical Resources Program, U.S. Department of Energy; www.lanl.gov; www.IWAc.org; Bulletin of the Atomic Scientists; www.thebulletin.org; www.Atomicarchive.com; International Atomic Energy Agency; www.iaea.org; Council on Environmental Relations; www.CER.org; Stockholm International Peace Research Institute; www.sipri.org



THE TRAIN that once hauled radioactive material sits next to the decommissioned B Reactor at the new Manhattan Project National Historical Park in Washington state. The reactor made plutonium for the nuclear bomb dropped on Nagasaki, Japan, in 1945.

HISTORY LESSONS

By CHRISTOPHER REYNOLDS >>> On our last family road trip to the Pacific Northwest, my wife and I drove a big loop with our daughter, then 6. We hit Seattle and the Canadian provinces of British Columbia and Alberta. On the way south toward Portland, we stopped at Walla Walla in southeastern Washington. Nice people, pleasant wineries. ¶ At no point did I think, "Wait! We're only two hours from the cradle of the atomic bomb!" ¶ But now that I've spent a few days nosing around the Hanford Site of the new Manhattan Project National Historical Park — and now that my daughter is nearly 12 — I think differently.

It'd like to do that drive again and add the Hanford B Reactor (100 miles west of Walla Walla) to the itinerary. This is the reactor that made the plutonium that powered the bomb the U.S. dropped in 1945 on Nagasaki, Japan. The National Park Service and Department of Energy are working together now to reinvent the site as a sort of classroom, a place that will get families talking about World War II, the Cold War, physics, teamwork, politics, morality and perspective.

Wait, some readers may be tempted to say. If this is a national park unit, shouldn't there be a waterfall somewhere? Actually, no. Alongside its dozens of vast beauty spots, the National Park Service operates a growing number of parks and monuments that are more about education than recreation.

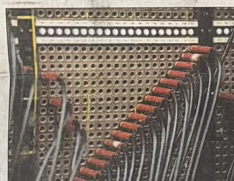
Every one of the agency's Civil War battlefields raises questions just as grave as those found at Hanford. Then there's the national monument at Pearl Harbor, where Japan's attack forced this country into World War II, and Manzanar National Historic Site, where the U.S. confined Japanese Americans for the duration of that war. To help us understand troubles of more recent vintage, there's Pennsylvania's Flight 93 National Memorial, where the plane's service opened a visitor center in September.

It's no easy job, teaching American history. But it's a responsibility the park service claimed decades ago, with backing from Congress and several presidents. And for parents whose kids are ready to start confronting the world's complexities, these historical parks are a chance to do that together.

Which brings me back to southern Washington. I wouldn't make it the centerpiece of a vacation. But as a side trip? Yes.

It's a pleasure to race the tumbleweeds across the wide plains near Richland, Pasco and Kennewick, Wash., to see the vineyards on the Columbia River. And if I had the whole family along, I'd be sure to remind them that just a few miles away, cleanup workers are coping with tons of radioactive waste, the byproduct of Hanford's atomic era.

As author Blaine Harden writes in "A River Lost," this stretch of the Columbia is "a fine



A PANEL at the B Reactor at the Hanford Site is part of atomic bomb history.

MORE ON PARKS

As the National Park Service celebrates its 100th anniversary, the Travel section is exploring some of its 414 units in a yearlong series of stories. Readers have shared memories too. You can watch videos, see photos and more at latimes.com/nationalparks.

place to see an eagle hunt, deer graze, or fish spawn. But best not to drink the groundwater for a quarter million years."

On the floor of the B Reactor, a docent would tell us about physics, logistics and the vast power of the atomic weapon. And I would throw some grown-up questions at my daughter.

Would you drop a bomb that could kill 150,000 people? What if it might save 300,000 others? How about 2 million others?

What if you learned after the fact that you had helped build the first atomic weapons? What if you built deadly weapons that led to a delicate global balance that has lasted decades? Would that make them instruments of peace?

Up to now at Hanford, tourist questions about casualties and ethics haven't been encouraged by the Department of Energy, which

owns the site and will continue to share responsibilities here. On my visit in March, I heard park service interpretive specialists nudging Hanford's docents (many of them retired Hanford scientists and engineers) to reach beyond the protons and neutrons — and still avoid personal opinions.

It was fascinating to hear. Then within days of my return from Washington, Shigeko Sasamori gave me her perspective on Hanford — a ground-zero perspective.

Sasamori was a 3-year-old in Hiroshima, Japan, on Aug. 9, 1945. As she recalls, it she spotted the American bomber in the morning sky and was pointing it out to a friend when the bomb called "Little Boy" detonated.

Her friend was killed — one of an estimated 140,000 people who died in the short term. Sasamori suffered burns on more than 25% of her body. She endured dozens of skin grafts, some paid for by charity campaigns in the U.S.

She eventually became a nurse, mother, grandmother and peace activist in the U.S.

Now 83, she lives in Marina del Rey. She told me that she likes the idea of a Manhattan Project historical park — if they make people understand how dangerous radiation is."

But if the tours focus only on physics and American teamwork, she said, "that's a horrible thing."

The message Sasamori would deliver? "Evil weapons made here. So don't make any more."

"This got me thinking. What if guides in the U.S. Hiroshima and Nagasaki teamed up to tell stories together, or to build electronic links between Hanford and Pearl Harbor?"

I'll hope for programming that provocative. Although I know the Manhattan Project park will never match the attendance at the parks with epic mountains and charismatic beasts, it's a great American opportunity to visit a place like this, stretch beyond our usual horizons and perhaps even learn what it's like to stand at both ends of an atomic bombing mission.

I'd family can fit a day like that into a week of sixth-grade vacation, why not? On the way back south, Yosemite will still be there.

christopher.reynolds@latimes.com
Twitter: @mrcsreynolds

Manhattan Project National Historical Park has the delicate task of detailing the country's atomic bomb history.

By CHRISTOPHER REYNOLDS

MANHATTAN PROJECT NATIONAL HISTORICAL PARK, Wash. — On a spring morning in high, dry southern Washington, a bright yellow bus rumbled to a stop in a lot at the Hanford Site near the Columbia River. The fourth-graders of Orchard Elementary School in nearby Richland, Wash., were about to see one of this nation's newest historical parks, surrounded by a valley filled with sagebrush, eagles and elk.

When the bus door opened, the kids rushed straight into a metal-and-concrete box of a building, nearly 100 feet tall, neighbored by a 200-foot exhaust stack topped by a wind-whipped American flag. Inside, looming like a Borg ship in "Star Trek," stood a massive cube of graphite bricks and aluminum tubes.

"Welcome to the B Reactor," said docent David Marsh. Then he explained how in this room American scientists made "the nuclear weapon that was used to end World War II."

"Fat Man," the atomic bomb that detonated on Aug. 9, 1945, over Nagasaki, Japan, originated here. The National Park Service, best known for its stewardship of peaks and valleys, is taking on the job of explaining how and why the U.S. built and used the deadliest weapons ever turned against mankind.

The Manhattan Project National Historical Park, established in November, is a joint effort by the park service and the U.S. Department of Energy. Besides the Hanford Site, it includes Oak Ridge, Tenn. (where the enriched uranium that fueled the Hiroshima bomb was produced), and Los Alamos, N.M. (where bombs and components were designed and assembled).

Congress voted in 2014 to create this park, and park service leaders describe it as a chance to explore history that not only shaped the end of World War II but also the advance of science and at least half a century of geopolitics.

"It changed the world," said Anne Vargas, an Energy Department docent whose father worked at Hanford.

The B Reactor is the park's focal point in Hanford and the only structure most visitors will enter. The building had stood idle since 1968 and was slated for closure until the B-Reactors Museum Assn., led by retired Hanford scientists and engineers, launched a preservation campaign. The association also built models on display at the reactor and made videos detailing the science and history behind the structure.

To see, you reserve a seat on an official tour bus and meet at the Hanford visitor center in Richland. The bus ride into the restricted site takes about an hour; visitors typically spend about two hours at the reactor with a docent. Another tour focuses on remnants of communities that the secret project quietly displaced. This year, for the first time, all ages are welcome.

"OMG," said one boy, faking the heart of the reactor, which is known as the pile.

"So," Marsh asked the fourth-graders, "what does a reactor do?"

"It makes plutonium to make atomic bombs," said one boy.

"What would you use to make the plutonium?" asked student Gloria Garcia.

"Uranium," another docent answered.

So eager to learn

The reactor tours, often led by docents retired from jobs at the Hanford Site, have a hot ticket among local families since the Energy Department started offering them in 2009. This year's tour season continues until Nov. 19.



FOURTH-GRADERS from a Richland, Wash., school tour the B Reactor at the Manhattan Project National Historical Park.

ONE PARK, THREE SITES

Besides the Hanford Site, the Manhattan Project National Historical Park (www.nps.gov/mappr) includes two locations that are owned and operated by the U.S. Department of Energy.

The Los Alamos, N.M., site (www.nps.gov/mappr/losalamos.htm), which sits on a plateau 33 miles northwest of Santa Fe, includes three main areas within Los Alamos National Laboratory. At the Gun Site several buildings are associated with the design of the "Little Boy" bomb dropped in August 1945 on Hiroshima, Japan. At the Y-12 site two buildings were used in assembly of the Trinity Test bomb detonated in New Mexico in July 1945. The Plutonium Site was used for plutonium chemistry research during World War II, then weapon assembly in postwar years. No tours are offered, and there's no public access to Energy Department facilities. The neighboring town of Los Alamos includes the Bradbury Science Museum (www.lanl.gov/museum), which tells the history of the laboratory and the Manhattan Project. Atomic history also is a dominant feature of Los Alamos walking tours (www.sl/losalamos.org/history-walking-tour). Also in New Mexico but not included in the Manhattan Project park are the Army-controlled White Sands Missile Range (which includes the Trinity Test

site, open to the public twice yearly; www.lanl.ms/IMD/TyPp), and the adjacent White Sands National Monument; www.lanl.ms/WagKur.

The Oak Ridge, Tenn., site (www.nps.gov/mappr/oakridge.htm), a city and industrial complex 25 miles west of Knoxville, was home to more than 75,000 people. Locations there include Oak Ridge National Laboratory and the X-10 Graphite Reactor (which produced small amounts of plutonium), the Y-12 Complex (home to the electromagnetic separate process for uranium enrichment) and the K-25 Building (where gaseous diffusion uranium enrichment technology was pioneered). Uranium for the Hiroshima bomb was enriched in the Y-12 Complex and K-25 Building. "Those sites are included on a DOE bus tour open to U.S. citizens only that's offered March through November, two to five days a week. The tour is included in the \$8-per-adult entrance fee to Oak Ridge's American Museum of Science & Energy (amse.org). Since early this year park's service rangers have been answering questions at the museum.

—CHRISTOPHER REYNOLDS

lational Park Complex. "I had goose bumps all over."

Just down the hall from the pile is the control room, with a central seat for the reactor operator, surrounded by dials, monitors and wiring.

"You guys know 'The Simpsons' on TV?" asked Marsh. "You know how Homer Simpson operates his nuclear reactor from his seat? This is the seat he would be in."

Later, somebody pulled the kids together for a group picture and boomed, "Smile and say, 'B Reactor!'"

Having conversations

Nobody asked about the atomic bombs' effects in Japan. Nor were death or injury statistics offered. In fact, the 28-page document that docents use as their main source doesn't include information on deaths and destruction.

But now, said Kirk Christensen, manager of B Reactor preservation for Energy Department contractor Mission Support Alliance, "we're going to have these conversations."

With about 12,500 visitors expected this year, the Energy Department is footing the costs of the Hanford tour program while the park service waits to see how much funding the next federal budget will include. Tracy Atkins, interim superintendent of the Manhattan Project park, said she would make her first hires soon.

Leslie R. Groves of the U.S. Army Corps of Engineers chose the site for its remote location; the pure, cool water of the Columbia River; and the ample electricity generated by the nearby Grand Coulee and Bonneville dams.

Within weeks, federal officials took over more than 600 square miles of riverside land, emptied the small towns of Hanford, White Bluffs and Richland, and evicted

brewery. By September — just 11 months after ground-breaking — the B Reactor was built and began operations. By July 1945, Hanford produced enough plutonium to power a practice bombing the Trinity Test in Alamogordo, N.M. After the Aug. 6 bombing of Hiroshima, Japan, Hanford's rank-and-file workers learned they'd been helping to make atomic weapons. Three days

Confronting the B Reactor pile today is like stepping into the orchestra pit of a theater, then gazing up at a metal monster on center

AGENDA REPORT

FOR: City Council April 29, 2026
TO: Harold Stewart, City Manager City Council Workshop
Meeting: 5/26/26
FROM: Brent Cook, Police Chief
Police Department
SUBJECT: Police Department Technology Overview (15 minute staff presentation)

I. ATTACHMENT(S):

Police Department Technology Overview Presentation

II. ACTION REQUESTED OF COUNCIL / STAFF RECOMMENDATIONS:

Discussion only. No action requested.

III. FISCAL IMPACT:

None associated with this presentation.

IV. HISTORY AND FACTS BRIEF:

Background:

Staff will provide a comprehensive overview of current technology utilized by the Police Department to support field operations, investigations, and accountability functions. The presentation highlights how technology is integrated across divisions to enhance service delivery, improve public safety outcomes, and increase transparency.

The presentation includes an overview of:

- Field Operations Division (FOD): Tools that support 24/7 patrol and real-time response in the field.
- Axon Technology Ecosystem: Body cameras, in-car video, TASER 10, and digital evidence systems.
- Community & Transparency Tools: Platforms that support public engagement and feedback.
- Traffic Safety Technology: ALPR, Lidar, radar, and speed trailers for traffic enforcement.

- Drone Program (DFR): Drones used to improve situational awareness and response.
- Support Operations Division (SOD): Technology used for investigations and forensic analysis.
- Professional Standards Division (PSD): Systems that support training, accountability, and oversight.

This presentation is intended to provide Council with a clear understanding of how technology supports modern policing operations in Pasco.

Impact (other than fiscal)

The integration of technology across Police Department operations provides several key benefits:

- Enhances officer and public safety through improved situational awareness and less-lethal tools
- Strengthens investigative capabilities and evidence collection
- Improves transparency and accountability through video documentation and community feedback tools
- Supports more efficient and informed decision-making in real time
- Builds public trust through increased access, communication, and data-driven policing practices

This overview supports Council's understanding of how current systems contribute to effective and accountable policing.

V. DISCUSSION:

Recommendation:

No action is requested. This item is for informational purposes only.

Pasco City Council

Workshop

May 26, 2026





Pasco City Council

Police Department Technology Overview

Page 25 of 115

05/26/2026



Police Department Technology Overview

Supporting Patrol, Investigations,
and Accountability
Presentation to City Council



Why Technology Matters in Policing

Faster response
and better
decisions

Improved safety
for officers and the
public

Stronger
investigations and
prosecutions

Transparency and
accountability

Field Operations Division

- The Field Operations Division is the most visible part of our Police Department.
- They are on duty 24/7 and are known as “first responders.”
- Their main job is to reduce crime and improve life for the Pasco community.
- They handle emergency calls, traffic accidents, and assist people who come to the Police Department for information or help.



Axon Technology Ecosystem

- TASER 10 – Less-lethal force option improving officer and public safety
 - Body-Worn Camera 4 (BWC 4) – Transparent documentation of police interactions
 - Fleet 3 In-Car Cameras – Vehicle-based video evidence and accountability
 - Axon Interview – Professional recording of suspect, victim, and witness interviews
 - Axon Investigate – a forensic software platform designed to quickly view, analyze, and process video evidence
 - Evidence.com – Secure cloud-based storage and management of digital evidence
-



Axon Technology Ecosystem

- FUSUS – Real-time coordination center and situational awareness platform
- Axon Citizen – Community evidence submission and transparency portal
- My90 – Community engagement tool that captures community feedback, which helps improve transparency, trust, and operational effectiveness.
- Axon VR – Immersive training for realistic decision-making scenarios
- Draft One – software that uses generative AI and body-worn camera (BWC) audio to produce high-quality draft police narratives.





Traffic Safety & Vehicle Identification Technology

Automatic License Plate Recognition (ALPR)

- Fleet 3 (Axon): In-car ALPR integrated with patrol vehicles for real-time vehicle identification.
- Flock Safety: Fixed and mobile ALPR cameras supporting investigations, stolen vehicle recovery, and regional information sharing.



Traffic Safety & Vehicle Identification Technology

Speed & Traffic Enforcement Technology

- Lidar: Laser-based speed measurement for precise traffic enforcement.
- Radar: Vehicle-mounted and handheld systems addressing dangerous driving behaviors.
- Speed Trailers: Portable devices that encourage voluntary compliance in neighborhoods and school zones.
- VOCAR: Radar Calibration is the certified process used to verify and document that police radar units are operating accurately and in compliance with legal and evidentiary standards for traffic enforcement.



Drone as a First Responder (DFR)

Current Capability

- Three drones strategically positioned throughout the city
- Rapid deployment to priority calls for service
- Provides real-time situational awareness prior to officer arrival



Drone as a First Responder (DFR)

Operational Benefits

- Locates suspects fleeing the scene without immediate ground pursuit
- Enhances officer safety by identifying threats, weapons, and layouts
- Improves decision-making and response coordination before contact
- Reduces unnecessary officer exposure



2025 DFR Statistics

365 Dock Flights

First on scene 57% of the time

10% of calls cleared without patrol having to respond.

Located suspect/vehicle 35% of the time

Arrests, property recovered, or person ID by pilot 21% of the flights

Unmanned Aerial System



1,283 non-training flights



Total flight time 300 hours 48 minutes.



Available UAS

4 M30T

3 Matrice 3TD Dock Drones

DJI Avata for indoor flight

Support Operations Division

- Advanced crime-scene documentation
- Investigative intelligence tools
- Specialized evidence collection
- Surveillance and monitoring



Support Operations: Precision & Evidence

- 3D scene reconstruction
- Digital photography and video
- Investigative data analysis
- Tracking and monitoring tools
- Digital Forensic Laboratory
(Magnet Forensics)



Professional
Standards
Division

Accountability

Policy compliance

Training documentation

Community trust

Professional Standards Division

IApro

BlueTeam

PowerDMS

PowerTime

PowerReady (FTO
Program)

Asset Panda

City of
Pasco



Questions?

AGENDA REPORT

FOR: City Council May 18, 2026
TO: Harold Stewart, City Manager City Council Workshop
Meeting: 5/26/26
FROM: Richa Sigdel, Deputy City Manager
City Manager
SUBJECT: Revision to Water Rights for Commercial and Industrial Irrigation
Purposes (10 minute staff presentation)

I. ATTACHMENT(S):

II. ACTION REQUESTED OF COUNCIL / STAFF RECOMMENDATIONS:

Discussion

III. FISCAL IMPACT:

IV. HISTORY AND FACTS BRIEF:

Background

The City of Pasco collects water rights or fees in lieu of water rights from all applicants for new water service connections under PMC 13.15.030. The current code requires irrigation water rights dedication sufficient to cover 50 percent of the lot or parcel to be served, using a residential-equivalent formula of 3.5 acre-feet per year per irrigable acre. Applicants without appurtenant water rights pay an in-lieu acquisition fee, which was updated to \$4,150 per acre-foot. For a standard 6,000 sf lot, the cost of water rights for potable water is \$1,245 and irrigation water is \$1,000; total water rights in-lieu fees being \$2,245.

Industrial and commercial developers have raised consistent concerns that the residential-equivalent formula significantly overstates their actual irrigation demand, for the following reasons:

- Industrial and commercial sites typically have high impervious lot coverage, paved yards, building footprints, and hardscape, leaving a small fraction of the parcel as irrigable area.
- Many industrial sites use gravel, rock, or decorative aggregate instead of living vegetation, resulting in near-zero irrigation demand.
- Xeriscape or low-water landscaping is common in commercial settings and consumes a fraction of the water assumed under the standard formula.

To address the treatment of industrial and commercial properties at the permitting stage, staff is recommending the following:

- Create two elective alternative tracks for industrial and commercial applicants in lieu of the standard formula.
 - Track 1 - Site Plan-Based Metered Dedication: Water rights dedication calculated on actual net irrigable landscaped area from the approved site plan, at the standard 3.5 acre feet/year/acre rate.
 - Track 2 - Xeriscape Reduced Dedication: A discounted dedication rate of 1.5 acre feet/year/acre rate.
- Require irrigation metering on all properties utilizing either alternative track.
- Memorialize the irrigation baseline and overage obligations requiring a recorded deed restriction or conservation easement or service contracts

Impact (Other than fiscal)

If approved, this action will have the following real and potential impacts:

- Removes an identified barrier to industrial and commercial development in Pasco by aligning the water rights dedication requirement with verifiable actual irrigation demand rather than a conservative residential-equivalent formula.
- Supports City Council's economic development goals by reducing upfront development costs for qualifying non-residential projects.
- Incentivizes water-efficient landscaping through the xeriscape rate reduction, advancing broader water conservation objectives.
- Requires investment in irrigation metering infrastructure and monitoring capacity. Staff will need resources to track metered baselines and enforce property restriction obligations. This need should be addressed in the 2027-2028 budget cycle if Council approves.
- Potential for compliance disputes if property owners later alter landscaping in ways that deviate from the approved site plan. The deed restriction, service contract or conservation easements the proposed program are designed to address this risk; however, enforcement is significantly more difficult in these scenarios.

V. DISCUSSION:

Recommendations

Staff recommends the following:

1. Establish a site plan-based metered irrigation water rights dedication methodology for industrial and commercial development (Track 1);
2. Establish a xeriscape reduced dedication rate for certified low-water landscaping with required metering (Track 2);
3. **Require recorded deed restrictions or conservation easement or service contracts on all properties, memorializing the irrigation baseline and overage obligations;**

4. Establish a baseline requiring the property owner to transfer additional water rights or pay the in-lieu fee when metered use exceeds 120% of the dedicated baseline for two consecutive years, or when irrigated area is expanded or xeriscape is converted; and

Constraints (Time or Other Considerations)

1. Timely implementation will allow for lower development costs to commercial and industrial customers.

Next Steps

If the recommendation is approved, staff will:

1. Prepare an ordinance that incorporates Council direction.
2. Conduct a public comment period consistent with applicable state law requirements .
3. Develop, in coordination with the City Attorney: deed restriction form or conservation easement or service contracts and recording procedures; xeriscape certification standards and approved certifier criteria; landscape plan submission requirements for Track 1 and Track 2 applications.
4. Procure and configure metering equipment for new commercial and industrial irrigation services; establish a baseline monitoring protocol within Public Works.

Alternatives

1. Take no action. Continue applying the residential-equivalent irrigation formula to all development types. This maintains code consistency but perpetuates the identified barrier to industrial and commercial development and does not respond to ongoing developer feedback.
2. Adopt Track 1 (site plan-based metered dedication) only, without the Track 2 xeriscape reduction. Simpler to administer but foregoes the conservation incentive and does not address concerns from developers with primarily hardscape or gravel sites.

Water Rights Reform for Commercial & Industrial Development

THE PROBLEM

The current formula overstates irrigation demand for commercial and industrial sites.



High Impervious Coverage

Industrial sites have large building footprints, paved yards & hardscape — very little irrigable area.



Zero-Irrigation Surfaces

Many sites use gravel, rock, or decorative aggregate with near-zero actual irrigation demand.



Xeriscape Is Common

Low-water landscaping is standard in commercial settings — fraction of residential water use.

Current formula: 3.5 AF/year/acre applied to 50% of total lot — regardless of actual landscape coverage.

PROPOSED SOLUTION

Two elective alternative tracks for commercial & industrial applicants

TRACK 1

Site Plan-Based Metered Dedication

Water rights calculated on **actual net irrigable landscaped area** from the approved site plan — at the standard **3.5 AF/year/acre** rate.

- ✓ Irrigation metering required
- ✓ Deed restriction /conservation easement/ service contract recorded

OR

TRACK 2

Xeriscape Reduced Dedication

Discounted rate of **1.5 AF/year/acre** for certified low-water / xeriscape landscaping.

- ✓ Irrigation metering required
- ✓ Xeriscape certification required
- ✓ Deed restriction / conservation easement/ service contract recorded

COMPLIANCE & PROTECTIONS

01

Irrigation Metering Required

All properties on either track must install dedicated irrigation meters to enable ongoing consumption monitoring.

02

Recorded Restriction

Irrigation baseline and overage obligations memorialized via deed restriction, conservation easement, or service contract.

03

Overage Trigger — 120% Rule

If metered use exceeds 120% of dedicated baseline for two consecutive years, owner must transfer additional water rights or pay the in-lieu fee.

04

Land Use Change Triggers

Expanding irrigated area or converting xeriscape to conventional landscaping immediately triggers additional dedication or payment.

IMPACTS & BENEFITS

✓ BENEFITS

- Removes identified barrier to industrial & commercial development in Pasco
- Supports Council's economic development goals by reducing upfront costs
- Incentivizes water-efficient landscaping and advances conservation objectives

⚠ CONSIDERATIONS

- Requires irrigation metering infrastructure — budget need in 2027-28 cycle
- Increased administrative capacity needed to track baselines and enforce restrictions
- Compliance disputes possible if owners later alter landscaping from approved plan
- Deed restriction / easement enforcement more complex than upfront collection

STAFF RECOMMENDATION

1. Establish Track 1 — site plan-based metered irrigation water rights dedication for commercial & industrial development
2. Establish Track 2 — xeriscape reduced dedication rate (1.5 AF/year/acre) for certified low-water landscaping with required metering
3. Require recorded deed restrictions / conservation easements on all Track 1 and Track 2 properties
4. Establish 120% metered-use overage threshold triggering additional dedication or in-lieu fee payment

NEXT STEPS (if approved)

- Draft ordinance incorporating Council direction → Conduct public outreach → Attorney review
- Develop property restriction forms, xeriscape certification standards, and landscape plan submission requirements
- Procure metering equipment and establish baseline monitoring protocol within Public Works

AGENDA REPORT

FOR: City Council April 29, 2026
TO: Harold Stewart, City Manager City Council Workshop
Meeting: 5/26/26
FROM: Maria Serra, Director
Public Works
SUBJECT: Resolution - Professional Services Agreement Amendment No. 4 with
RH2 Engineering, Inc. for Design Services for the Process Water Reuse
Facility Phase 4 Irrigation System Farm Upgrades Project (5 minute staff
presentation)

I. ATTACHMENT(S):

Resolution
Exhibit A - Amendment No. 4 to Professional Services Agreement
Power Point Presentation

II. ACTION REQUESTED OF COUNCIL / STAFF RECOMMENDATIONS:

Discussion

III. FISCAL IMPACT:

Summary:

Original PSA	\$ 462,640.00
Amendment No. 1	\$ 68,013.00
Amendment No. 2	\$ 306,744.00
Amendment No. 3	\$ 64,889.00
Proposed Amendment No. 4	\$ 54,303.00
New PSA Total	\$ 956,589.00

Adopted budget for this project in the 2025-2026 Biennial budget is \$ 17M as follows:

- \$4.5M are bonded
- \$12.5M were anticipated as an award of Clean water SRF loan from Ecology, but were not received.

A \$2.5M interfund loan is anticipated to cover remaining project costs.

IV. HISTORY AND FACTS BRIEF:

Background:

The Process Water Reuse Facility (PWRF) Irrigation System Farm Upgrades Project encompasses the fourth phase of the current series of planned improvements and modifications to the PWRF. This project (informally referred to as PWRF Improvements Phase 4) will replace existing irrigation system components nearing their end-of-life, construct new irrigation assets to convey the pretreated process water to the City-owned land application farm circles, and extend the system to newly created land application areas from recently purchased parcels.

The City secured the professional services of RH2 to provide holistic planning, design and permitting support services for the proposed improvements to implement the land treatment system expansion consistent with the *“Process Water Reuse Facility Engineering Report”* approved by the State of Washington Department of Ecology on April 12, 2023.

Amendment No. 1 to the PSA addressed various evolving project needs. These included added Field Investigations and background review, 60 and 90 percent Irrigation Pump Station (IPS) Improvements Designs, and Bid ready plans and specifications.

Amendment No. 2 to the PSA addressed various evolving project needs. These included additional analysis and design for pipelines and IPS (Irrigation Pump Station) design adjustments to reflect the revised site work, additional distribution system improvements, and updated controls for the system. The majority of the amendment provides for consultant services during construction, to assist with engineering services through the duration of project and assistance during project closeout.

Amendment No. 3 to the PSA addressed the needs for construction and finalization of the bid documents with the changes to Circles 14 and 16.

As construction needs and further coordination changes/submittals/RFIs for the project were further refined, the scope of the project was subject to revisions and adjustments. The proposed amendment will provide the additional construction support that is needed for coordinating with the County and the Contractor.

Impact:

The proposed upgrades will provide the distribution and irrigation infrastructure needed to increase PWRF operations and meet the State Waste Discharge Permit for the next season. The upgrades needed and the addition of two

irrigation fields allows PWRF to not only meet the State Waste Discharge Permit but also allow for a more robust irrigation for the added processor capacity to PWRF.

V. DISCUSSION:

Recommendation:

Staff has reviewed and recommends approval of Amendment No. 4 to the PSA with RH2 Engineering in the amount of \$54,303.00 for the PWRF - Phase 4 Irrigation System Farm Upgrades project.

The proposed Amendment No. 4 to RH2 Professional services agreement addresses the additional work needed for construction completion. The proposed amendment will provide the additional construction support that is needed for coordinating with the County and the Contractor. The amendment also adds additional consultant services during construction, as there have been high amount of submittals, RFIs, and construction coordination.

Constraints:

Construction of this project has been planned to minimize interruptions and/or impacts to PWRF Farm Operations and must be completed on schedule. Projected 2026 flows at PWRF will necessitate the additional land treatment area.

Next Steps:

Provided the Council approves the amendment, staff will work with the consultant to complete all necessary contractual documentation in the upcoming weeks.

Alternatives:

- Council may choose to reject the amendment. This is not recommended since the additional construction support is needed to ensure construction deadlines are met.

The timeline associated with this alternative action would hinder expansion of the land treatment system and therefore fail to comply with the parameters established for the facility under the State Waste Discharge Permit for PWRF; likely resulting in violation of the permit and/or limiting industries from sending flows to the facility which has, in turn, a negative economic impact to the industries and the utility.

RESOLUTION NO. _____

A RESOLUTION OF THE CITY OF PASCO, WASHINGTON, APPROVES AUTHORIZING THE CITY MANAGER TO EXECUTE AMENDMENT NO. 4 FOR THE PROFESSIONAL SERVICES AGREEMENT WITH RH2 ENGINEERING, INC. FOR THE DESIGN OF THE PROCESS WATER REUSE FACILITY (PWRF) IMPROVEMENT PHASE 4: IRRIGATION SYSTEM FARM UPGRADES PROJECT.

WHEREAS, the City of Pasco (City) and RH2 Engineering, Inc., entered into a Professional Service Agreement on May 9th, 2023, to provide Engineering services with respect to the PWRF Improvements project; and

WHEREAS, the City and RH2 Engineering Inc., entered into Amendment No. 1 on November 23, 2023, to additional professional design engineering services; and

WHEREAS, the City and RH2 Engineering Inc., entered into Amendment No. 2 on September 17, 2025, to additional professional design engineering services, services during construction, and additional time of performance; and

WHEREAS, the City and RH2 Engineering Inc., entered into Amendment No. 3 on January 23, 2026, to additional professional design engineering services, services during construction, and additional time of performance; and

WHEREAS, the City Council of the City of Pasco, Washington, has after due consideration, determined that it is in the best interest of the City to enter into Amendment No. 4 with RH2 Engineering, Inc.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF PASCO, WASHINGTON:

That the City Council of the City of Pasco approves the terms and conditions of Amendment No. 4 between the City of Pasco and RH2 Engineering, Inc. as attached hereto and incorporated herein as **Exhibit A**, and

Be It Further Resolved, that the City Manager of the City of Pasco, Washington, is hereby authorized, empowered, and directed to execute said Amendment No. 4 on behalf of the City of Pasco, and

Be It Further Resolved, that this resolution shall take effect immediately.

PASSED by the City Council of the City of Pasco, Washington, on this ____ day of June, 2026.

Charles Grimm
Mayor

ATTEST:

APPROVED AS TO FORM:

Krystle Shanks
Deputy City Clerk

Ogden Murphy Wallace, PLLC
City Attorney



**AMENDMENT NUMBER 4 to
PROFESSIONAL SERVICES AGREEMENT**

**PWRF Irrigation System Improvements
PROJECT: 23465**

AGREEMENT NO. 23-014

WHEREAS, the City and RH2 Engineering, Inc. entered into a Professional Services Agreement on 5/9/2023 to provide engineering services with respect to the PWRF Irrigation System Improvements project.

WHEREAS, the City and RH2 Engineering, Inc. entered into an Amendment No. 1 to provide additional engineering services on 11/27/2023.

WHEREAS, the City and RH2 Engineering, Inc. entered into an Amendment No. 2 to provide additional engineering services on 9/17/2025.

WHEREAS, the City and RH2 Engineering, Inc. entered into an Amendment No. 3 to provide additional engineering services on 1/23/2026.

NOW, THEREFORE, this agreement is amended to allow RH2 Engineering, Inc. to provide additional professional engineering services, and additional services during construction, as described in **Exhibit A**.

1. **Scope of Work:**

See **Exhibit A**.

2. **Fee:**

The compensation for the work is based on a *Time and Materials Basis* not to exceed the amount of **\$54,303.00** for a total authorization amount of \$956,589.00. See **Exhibit B** for full breakdown.

3. **Time of performance:**

No Change. The time of performance for services will be complete for the project on or before 12/31/2026.

DATED THIS DAY _____
[date of execution]

CITY OF PASCO, WASHINGTON

RH2 ENGINEERING, INC.

Harold L. Stewart II, City Manager

Dan Mahlum, PE – Director



EXHIBIT A

**Scope of Work
Amendment No. 4
City of Pasco
PWRF Irrigation System Improvements
Additional Work**

April 2026

Background

The City of Pasco (City) has requested additional support from RH2 Engineering, Inc., (RH2) for coordination, permitting, environmental review, and construction-phase services associated with the Circle 14 expansion. This includes coordinating with Lad Irrigation Company, Inc., (Lad) to refine center pivot layouts and maximize acreage; engaging with Franklin County (County) Planning staff and facilitating interagency coordination meetings to confirm permitting pathways; and preparing and processing required permit applications, including land use, road approach, underground plumbing, and commercial/industrial structure permits. Effort also includes development and preparation of a State Environmental Policy Act (SEPA) Checklist, coordination with the City, and responses to agency comments from the Washington State Department of Ecology (Ecology), Washington Department of Fish and Wildlife (WDFW), and the County. In addition, RH2 and Valley Science and Engineering, Inc., (Valley) have provided ongoing review of technical submittals and RH2 has participated in weekly construction meetings to support project delivery. These efforts extend beyond the original scope of work and are necessary to advance the project through permitting and construction.

Task 15 – Services During Construction (Limited)

Objective: Provide limited engineering services during construction to support the City. As the engineer of record, coordinate with the City, its designated utilities, and special inspector to respond to technical questions and issues. Services will include reviewing all technical submittals, responding to requests for information (RFIs), performing on-site observations, and assisting with change proposals and change orders.

Approach:

- 15.11 Coordinate with Lad on adjusting the center pivot location and lengths to accommodate the new parcel and maximize acreage.
- 15.12 Coordinate with County Planning staff to review proposed project improvements and establish the appropriate County permitting pathway. Schedule and facilitate one (1) virtual meeting with City, County, and RH2 staff to discuss the improvements and anticipated permitting process for the Circle 14 expansion.

- 15.13 Prepare and submit a general land use application, a road approach permit, an underground plumbing permit, and commercial/industrial structure permits for the Circle 14 expansion to the County.
- 15.14 Prepare SEPA Checklist for the Circle 14 expansion and provide a draft to the City for review and comment. Finalize the SEPA Checklist with City comments and submit to the County for SEPA determination and publication. Respond to SEPA comments from Ecology, WDFW, and the County.
- 15.15 Review technical submittals for the project.
- 15.16 Attend weekly construction meetings with the City throughout the duration of construction.

Assumptions:

- *Weekly construction meetings will be via Microsoft Teams or other virtual meeting platform.*
- *RH2 will not prepare any agendas for the weekly construction meetings.*
- *RH2 and Valley will increase submittal reviews from limited reviews to full technical submittal reviews.*
- *It is anticipated that the City will be the lead inspector, lead construction contract administration, and be responsible for day-to-day activities.*
- *RH2 is not responsible for site safety, or for determining means and methods, or directing the contractor in their work.*

RH2 Deliverables:

- General land use, road approach, underground plumbing, and commercial/industrial structure permit applications.
- SEPA Checklist and agency responses.
- Applicable technical submittal and RFI responses in electronic PDF.

Project Schedule

RH2 is prepared to commence with the work upon written authorization from the City. The revised project design is anticipated to be completed in December 2026. Construction is anticipated from January 2026 through December 2026.

EXHIBIT B

Fee Estimate
Amendment No. 4
City of Pasco
PWRF Irrigation System Improvements
Apr-26

Description	Total Hours	Total RH2 Labor	Total Subconsultant	Total Expense	Total Cost
Task 15 Services During Construction (Limited)	197	\$ 46,247	\$ 6,900	\$ 1,156	\$ 54,303
Subtotal Title Tasks	-	\$ -	\$ -	\$ -	\$ -
PROJECT TOTAL	197	\$ 46,247	\$ 6,900	\$ 1,156	\$ 54,303

RH2 ENGINEERING, INC.		
2026 SCHEDULE OF RATES AND CHARGES		
RATE LIST	RATE	UNIT
Professional I	\$179	\$/hr
Professional II	\$196	\$/hr
Professional III	\$217	\$/hr
Professional IV	\$240	\$/hr
Professional V	\$256	\$/hr
Professional VI	\$274	\$/hr
Professional VII	\$298	\$/hr
Professional VIII	\$324	\$/hr
Professional IX	\$328	\$/hr
Technician I	\$138	\$/hr
Technician II	\$152	\$/hr
Technician III	\$172	\$/hr
Technician IV	\$186	\$/hr
Technician V	\$205	\$/hr
Technician VI	\$224	\$/hr
Technician VII	\$243	\$/hr
Technician VIII	\$254	\$/hr
Administrative I	\$93	\$/hr
Administrative II	\$108	\$/hr
Administrative III	\$127	\$/hr
Administrative IV	\$151	\$/hr
Administrative V	\$178	\$/hr
CAD/GIS System	\$27.50	\$/hr
CAD Plots - Half Size	\$2.50	price per plot
CAD Plots - Full Size	\$10.00	price per plot
CAD Plots - Large	\$25.00	price per plot
Copies (bw) 8.5" X 11"	\$0.09	price per copy
Copies (bw) 8.5" X 14"	\$0.14	price per copy
Copies (bw) 11" X 17"	\$0.20	price per copy
Copies (color) 8.5" X 11"	\$0.90	price per copy
Copies (color) 8.5" X 14"	\$1.20	price per copy
Copies (color) 11" X 17"	\$2.00	price per copy
Technology Charge	2.50%	% of Direct Labor
Night Work	10.00%	% of Direct Labor
Mileage	\$0.7250	price per mile (or Current IRS Rate)
Subconsultants	15%	Cost +
Outside Services	at cost	

Rates listed are adjusted annually.

Pasco City Council

Workshop

May 26, 2026





Pasco City Council

**PWRF Phase 4 Irrigation Systems
PSA Amendment No. 4**

Page 62 of 115

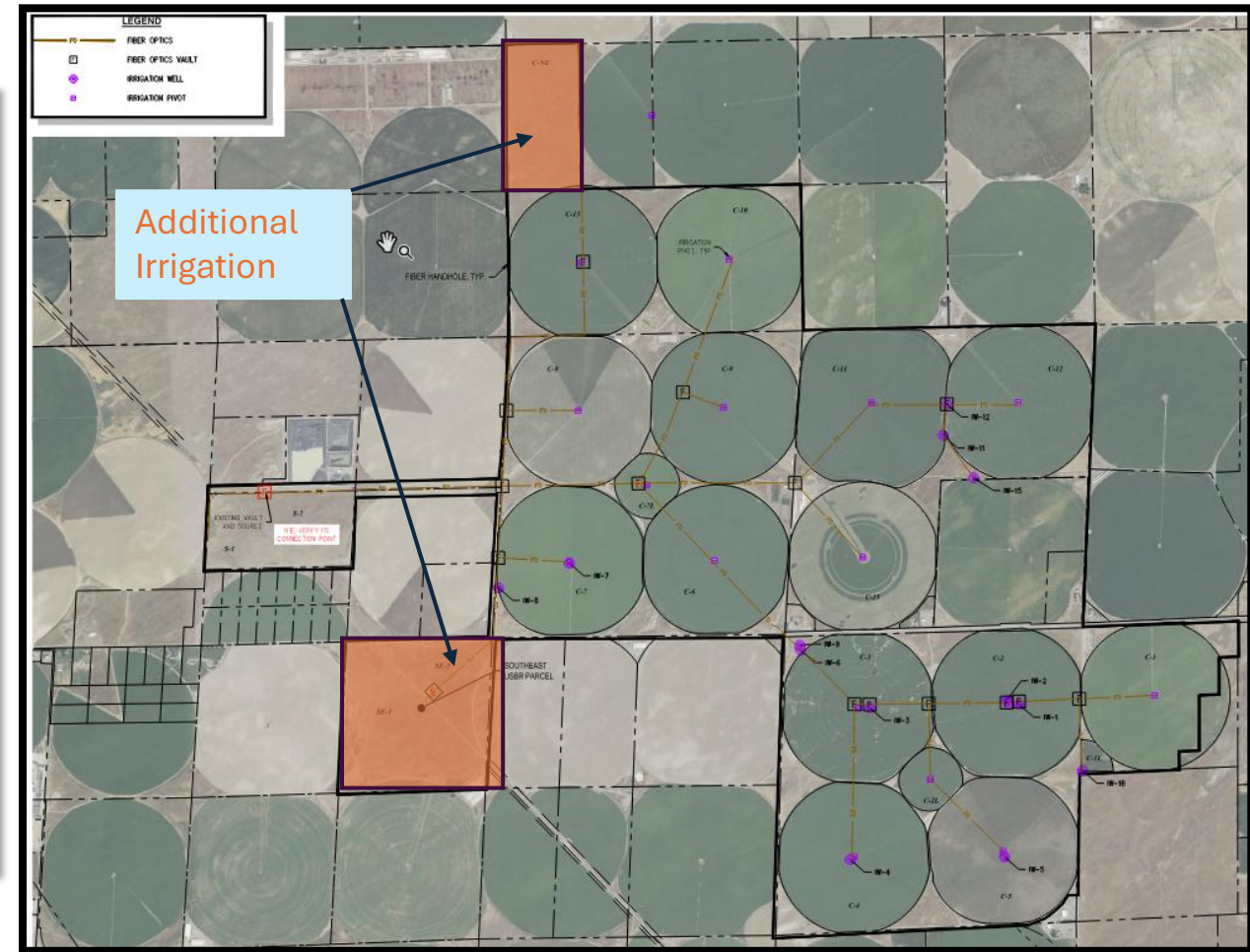
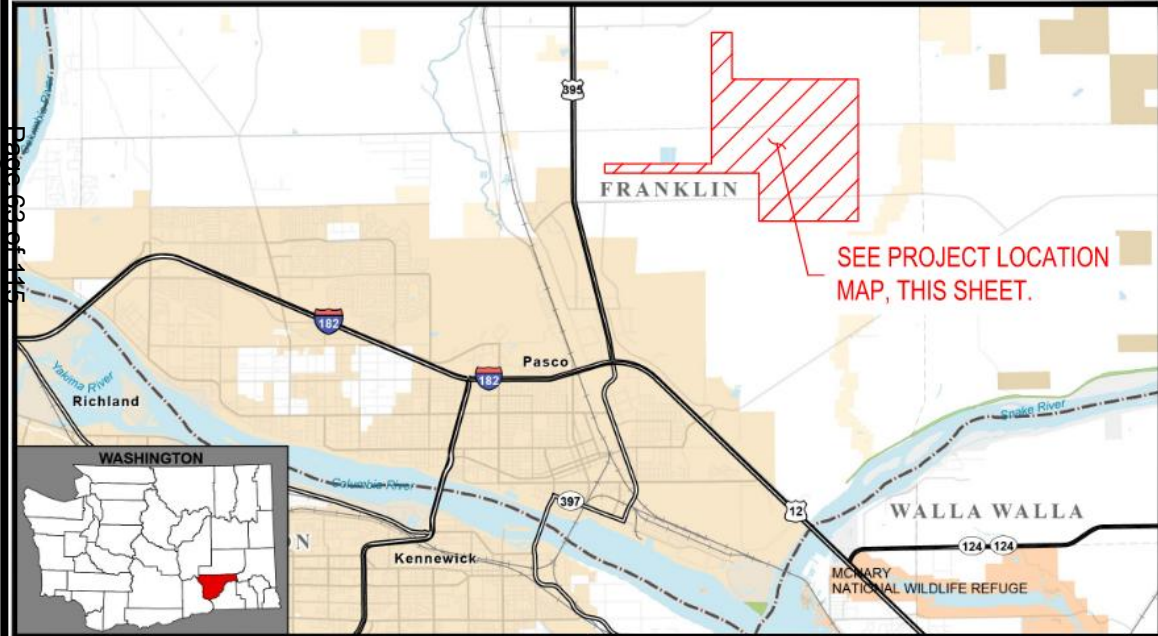
5/26/2026



City of
Pasco
Washington

PWRF Phase 4 Professional Services Costs

PROJECT VICINITY MAP



PWRF Phase 4 Professional Services Costs

The proposed Amendment No. 4 adds \$54,303.00 to the project and brings the total professional services agreement amount to \$956,589.00. The added services for Amendment No. 4 are summarized below:

- Task 15 – Additional services during construction.
 - Coordination for Change Orders
 - Coordination with County for permitting pathway
 - Permitting with County
 - Technical Submittals
 - Weekly Construction Meetings

Each professional services agreement was verified as necessary additions and negotiated with City staff. They were found to be reasonable and needed by City Staff.

Staff recommends approval of PSA Amendment No. 4.



PWRF Phase 4 Professional Services Costs

Professional Services Agreement	Cost
Original PSA	\$ 462,640.00
PSA Amendment No. 1	\$ 68,013.00
PSA Amendment No. 2	\$ 306,744.00
PSA Amendment No. 3	\$ 64,889.00
PSA Amendment No. 4	\$ 54,303.00
New Professional Services Agreement	\$956,589.00



City of
Pasco



Questions?

AGENDA REPORT

FOR: City Council April 29, 2026
TO: Harold Stewart, City Manager City Council Workshop
Meeting: 5/26/26
FROM: Maria Serra, Director
Public Works
SUBJECT: Resolution - Professional Services Agreement Amendment No. 6 with
Jacobs Engineering Group, Inc. for Butterfield Water Treatment Plant
Improvements

I. ATTACHMENT(S):

Resolution
Exhibit A - PSA Amendment No. 6
Presentation

II. ACTION REQUESTED OF COUNCIL / STAFF RECOMMENDATIONS:

Discussion

III. FISCAL IMPACT:

Proposed Amendment No. 6 to the Professional Services Agreement (PSA) with Jacobs Engineering Group, Inc. (Jacobs) for Butterfield Water Treatment Plant (Butterfield WTP) Improvements not to exceed \$2,020,000.00.

Summary:

Original PSA	\$ 533,300.00
Amendment No. 1	\$ 60,000.00
Amendment No. 2	\$ 1,173,300.00
Amendment No. 3	\$ 0.00
Amendment No. 4	\$ 0.00
Amendment No. 5	\$ 0.00
Amendment No. 6 (Proposed)	<u>\$ 2,020,000.00</u>
New PSA Total	\$ 3,786,600

With the recent council approval of the utility rate increase and the acceptance of a Department of Health (DOH) Drinking Water State Revolving Fund (DWSRF) \$14.727 Million-dollar low interest loan, staff and Jacobs have put

together Amendment 6 to continue work on the Butterfield WTP Improvements project. All work under Amendment 6 and construction of the Raw Water Pump Station and Electrical Improvements project (Early Works Phase) are anticipated to use the funds available from the \$14.727M DWSRF loan. Going forward, additional low interest loan/grant opportunities will be pursued to support the future construction phases of this project.

Funding for Amendment Nos. 1-5 of the project are paid for by a low-interest loan through the Washington State Department of Health (DOH) Drinking Water State Revolving Fund (DWSRF) for preconstruction activities, awarded in the amount of \$510,000. Additional funding is provided by a second low-interest loan through the Public Works Board Preconstruction Program, awarded in the amount of \$1,000,000. Remaining funding is allocated from the Utility Fund (Water Fund 411).

IV. HISTORY AND FACTS BRIEF:

Background:

On January 5, 2024, the city entered into a Professional Services Agreement (PSA) with Jacobs for the Butterfield WTP electrical system upgrade predesign services. Overall tasks included the following:

- Condition assessment of the existing electrical service and backup power generator, the intake screens, raw water pump and ancillary chemical feed systems.
- 30% preliminary design package for the electrical system upgrades including a new electrical building and new electrical equipment and standby power to supply existing and future facilities.
- A project definition evaluation to identify treatment process objectives.
- Development of a project implementation and phasing approach and preliminary site plan.
- Funding strategy assistance to identify potential funding alternatives to design and construct the future improvements.

An amendment to the Butterfield WTP Facility Plan issued in 2023 provided additional recommendations for remediation with respect to cyanotoxins and aquatic plant (milfoil) growth present in the Columbia River during the seasonally warmer months. These recommendations led to an alternate sequence of phased replacement of the Butterfield WTP that prioritizes meeting new water quality and facility operational challenges caused by climate change.

Several amendments have been executed since the initial PSA. They are described below:

Amendment No. 1 scope included completion of construction bid documents previously initiated by in-house City engineering staff for the installation of a

precast concrete permanganate injection vault located at the 36-inch raw water inlet piping downstream of the raw water pump station. This work also included relocation of the chemical storage and feed pump system and instrumentation, and installation of pipe tapping saddles, chemical piping, and chemical injection equipment. Amendment No. 1 was approved September 12, 2024, by the City Manager.

Amendment No. 2 scope added \$1,173,300.00 for 90% design services for the Raw Water Pump Station and Electrical Improvements project, funding application support, and a geotechnical investigation of the existing Butterfield site. Amendment No. 2 was approved by City Council October 28, 2024.

Amendment No. 3 was a no cost amendment that shifted funds within the PSA to provide additional design and services during bidding for the Raw Water Permanganate System project and additional geotechnical support due to unforeseen soil conditions at Butterfield WTP. Amendment 3 was approved by the Public Works Director on April 7, 2025.

Amendment No. 4 was a no cost amendment that shifted funds within the PSA to provide additional design and construction services for the Raw Water Permanganate System project, as well as additional design scope for the Raw Water Pump Station and Electrical Improvements project, and an evaluation of building a new Butterfield WTP on a greenfield site. Amendment 4 was approved by the Public Works Director on October 30, 2025.

Amendment No. 5 was a no cost amendment that shifted funds within the PSA to provide additional design scope for the Raw Water Pump Station and Electrical Improvements project. Scope included evaluations of alternatives for the raw water pump station HVAC system, driveway, and diver access with the proposed installation of a fencing/security system. A utility location with ground penetrating radar (GPR) was also completed. Amendment 5 was approved by the Public Works Director on February 16, 2026.

Amendment No. 6 (Proposed)

With the recent approval of the \$14.727 million dollar loan from the Washington State Department of Health DWSRF program, work on the Butterfield WTP Improvements project is ready to continue. The approval of proposed Amendment 6 will allow for the 100% completion of the Raw Water Pump Station and Electrical Improvements design phase and the completion of pilot testing and future design planning. The following tasks/subtasks will be completed as part of Amendment 6:

1. **Raw Water Pump Station and Electrical Improvements design modifications:**
 - 90% and 100% design of driveway stabilization at the Raw Water Pump

Station.

- 90% and 100% design of HVAC requirements at the Raw Water Pump Station.
- 90% and 100% design to include the new transformer and conduit routing through the levee.
- Permitting support regarding a United States Army Corps of Engineer's real estate application.
- 100% complete design of the Raw Water Pump Station and Electrical Improvements project.
- Services During Bidding.

The Raw Water Pump Station and Electrical Improvements project will address many improvements at the Raw Water Pump Station which is located on the Columbia River. Improvements will include the above items and the replacement of in water screens, pumps, check valves, electrical distribution panels and harmonic filters as well as the installation of pressure indicators, a redundant level indicator, security fencing and cameras and a standby power roll-up connection for the Raw Water Pump Station and Backwash Lift Station.

2. Piloting of proposed water treatment processes

- Pilot plan development, design of pilot system, and coordination with the Department of Health (DOH).
- Procurement of pilot system.
- Pilot installation bid drawings and specifications
- Operations of pilot system.
- Analysis of pilot data and development of pilot test results report.

A pilot test includes a small-scale replica that mimics the treatment process for a large-scale Water Treatment Plant. For this project, a pilot test will be designed and built according to the planned treatment process for the new Butterfield WTP. Pilot testing is required by the DOH to design new filters at loading rates greater than 6 gallons per minute per square foot (GPM/Ft). The pilot study will consist of running all 4 seasons for 4-6 weeks duration each season.

3. Butterfield WTP Implementation Plan modifications for greenfield site

- Revised site plan, including a project definition meeting
- Revised implementation plan, including an updated cost estimate and funding analysis
- Revised hydraulic profile and evaluation of existing and proposed raw water pumps

The Butterfield Implementation Plan serves as a big picture of the path forward on the Butterfield WTP Improvements project. Recently, a greenfield location has been chosen to build the new Butterfield WTP plant. The new location is

located near the existing drying beds and Raw Water Pump Station (South of the S 12th Ave and W Washington St intersection). Placing a new Butterfield WTP on a greenfield site will allow for the uninterrupted operation of Butterfield while a new plant is being constructed. The existing Implementation plan will need to be revised to reflect the change in location, and to evaluate the existing infrastructure at the raw water pump station. This evaluation will determine if different pumps/materials will be needed due to the change in WTP location.

Impact (other than fiscal):

This project addresses the replacement of the Butterfield Water Treatment Plant (WTP). The Butterfield WTP has served the City of Pasco since 1946 and is nearing the end of its useful life. Without improvements, the city will risk the safe delivery of treated water to all of its residents. Once complete, Butterfield is anticipated to reliably deliver 30 million gallons of treated water per day to the residents of Pasco.

V. DISCUSSION:

Recommendation:

Staff has negotiated the amendment scope and fee and found it to be reasonable. Staff recommends approval of Amendment No. 6 to the PSA with Jacobs Engineering Group, Inc. in the amount of \$2,020,000 for the Butterfield Water Treatment Plant Improvements Project.

Constraints:

The Butterfield WTP is critical to the overall water system. Its reliability is key for the delivery of treated water to the residents of Pasco. Butterfield WTP is nearing the end of its useful life and is in need of replacement. The proposed improvements will extend the reliability of the plant and will begin the groundwork for the future replacement of the entire WTP.

Next Steps:

If approved by City Council, Jacobs will complete the design for the Raw Water Pump Station and Electrical Improvements project, as well as begin the pilot testing for treatment technology and make revisions to the Butterfield Implementation Plan, reflecting the greenfield site and funding strategy consistent with approved rates. Construction for the Raw Water Pump Station and Electrical Improvements project is anticipated to begin at the end of 2026. The pilot testing will begin by fall of 2026 and will run until fall of 2027.

Alternatives:

If Amendment 6 is not approved, the overall replacement project will be postponed and a need to re-evaluate the improvements to the Butterfield WTP project will be necessary. This option accepts increased risk in the potential failure of the plant prior to replacement.

RESOLUTION NO. ____

A RESOLUTION OF THE CITY OF PASCO, WASHINGTON, AUTHORIZING THE CITY MANAGER TO EXECUTE AMENDMENT NO. 6 TO THE PROFESSIONAL SERVICES AGREEMENT WITH JACOBS ENGINEERING GROUP, INC. FOR THE BUTTERFIELD WATER TREATMENT PLANT IMPROVEMENTS PROJECT.

WHEREAS, the City of Pasco (City) and Jacobs Engineering Group, Inc. (Jacobs) entered into a Professional Services Agreement on January 5, 2024, to provide Engineering services with respect to the Butterfield Water Treatment Plant (WTP) Improvements project; and

WHEREAS, the City and Jacobs entered into Amendment No. 1 on September 12, 2024, to complete additional engineering (design) services for a raw water permanganate chemical dosing system to supplement current methods of algal cyanotoxin treatment and removal from the Columbia River water source; and

WHEREAS, the City and Jacobs entered into Amendment No. 2 on November 15, 2024, to add additional scope/funding for the Raw Water Pump Station and Electrical Improvements project.

WHEREAS, the City and Jacobs entered into Amendment No. 3 on April 7, 2025 to add additional scope for the Raw Water Permanganate System and Raw Water Pump Station and Electrical Improvements projects.

WHEREAS, the City and Jacobs entered into Amendment No. 4 on October 30, 2025 to add additional design scope for the Raw Water Pump Station and Electrical Improvements project as well as services during construction for the Raw Water Permanganate System.

WHEREAS, the City and Jacobs entered into Amendment No. 5 on February 16, 2026 to add additional design scope for the Raw Water Pump Station and Electrical Improvements project.

WHEREAS, the City and Jacobs desire to enter into Amendment No. 6 to the Professional Services Agreement to provide additional engineering services as described in **Exhibit A**. These additional services include, but not limited to, Raw Water Pump Station and Electrical Improvements 100% design, Butterfield WTP pilot testing, and a revision of the Butterfield WTP Implementation Report.

WHEREAS, the City Council of the City of Pasco, Washington, has after due consideration, determined that it is in the best interest of the City of Pasco to enter into Amendment No. 6 to the Professional Services Agreement with Jacobs Engineering Group, Inc.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF PASCO, WASHINGTON:

That the City Council of the City of Pasco approves the terms and conditions of the PSA Amendment No. 6 between the City of Pasco and Jacobs Engineering Group, Inc. as attached hereto and incorporated herein as **Exhibit A**.

Be It Further Resolved, that the City Manager of the City of Pasco, Washington, is hereby authorized, empowered, and directed to execute said Amendment No. 6 of the Professional Services Agreement with Jacobs Engineering Group, Inc. for the Butterfield Water Treatment Plant Improvements project on behalf of the City of Pasco.

Be It Further Resolved, that this Resolution shall take effect immediately.

PASSED by the City Council of the City of Pasco, Washington, on this 4th day of May, 2026.

Charles Grimm
Mayor

ATTEST:

APPROVED AS TO FORM:

Krystle Shanks
Deputy City Clerk

Ogden Murphy Wallace, PLLC
City Attorney

EXHIBIT A:
Scope of Work
Butterfield WTP Improvements
Amendment 6 – Early Works Additional Design Scope, Pilot Plant, and
Implementation Plan Revisions
April 2026

This work is to be performed under the Agreement for Professional Services between City of Pasco, Washington (hereafter, "City") and Jacobs Engineering Group Inc., (hereafter "Consultant"), for the Butterfield Water Treatment Plant (WTP) Improvements.

This scope of work includes the following:

1. Project management services for extension of project duration through Early Works construction
2. Early works design phase modifications
 - a. 90% and 100% design of driveway stabilization at RWPS
 - b. 90% and 100% design of HVAC requirements at the RWPS
 - c. 90% and 100% design to include the new transformer and conduit routing through the levee
 - d. Move other 100% design of Early Works Package funds from Management Reserve
 - e. Bidding phase support
 - f. Permitting associated with a USACE real estate application
3. Piloting of proposed water treatment processes
 - a. Pilot plan development, design of pilot system, and coordination with DOH
 - b. Procurement of pilot system
 - c. Pilot installation bid drawings and specifications
 - d. Operations of pilot system
 - e. Analysis of pilot data and development of pilot test results report
4. Butterfield WTP Implementation Plan modifications for greenfield site
 - a. Revised site plan, including a project definition meeting
 - b. Revised implementation plan, including an updated cost estimate and funding analysis
 - c. Revised hydraulic profile and evaluation of existing and proposed raw water pumps

5. Management Reserve

The following table summarizes minimum activities that are responsibilities of the City as part of this amendment.

Task	City Responsibilities
Early Works Design	Review of 90% and 100% Deliverables
Early Works Real Estate Permitting	Participate in coordination meetings with USACE Review application Pay application fees
Pilot planning	Review pilot test plan and SOPs Participate in coordination meetings with DOH
Pilot Procurement	Review of pilot installation deliverations including drawings and frontend specifications Bidding of pilot installation project Installation of pilot enclosure onsite by City Contractor
Pilot Operations	Coordination on pilot placement and connection. Weekly inspections of the offline pilot plant while it is offline between the 4-6 week long operations periods. Provide chemicals, power and water for pilot testing.
Pilot Data Report	Review pilot report Participate in coordination meetings with DOH
Treatment Confirmation Workshop	Participate in workshop to confirm treatment scheme
Revised Site Plan and Implementation Plan	Participate in workshop to provide feedback on implementation plan Review Revised Implementation Plan
Revised Hydraulic Profile	Review revised Hydraulics TM

Contents

Contents.....	3
1. Project Management.....	4
1.1 Project Management Meetings.....	4
1.2 Schedule	4
1.3 Monthly Reports and Invoices.....	4
2. Early Works Design Phase Modifications	4
2.1 RWPS Driveway Stabilization	4
2.2 RWPS HVAC Design.....	5
2.3 Transformer and Levee Conduit Design.....	6
2.4 Early Works Phase Final Design (100% Design).....	6
2.5 Bidding Phase Support	9
2.6 Permitting Support for USACE Real Estate Application.....	10
3. Pilot Study	10
3.1 Pilot Test Planning.....	10
3.2 Pilot Test Operation	12
3.3 Pilot Test Data Analysis and Reporting	13
4. Revised Butterfield WTP Implementation Plan for Greenfield Site	13
4.1 Treatment Process Confirmation Workshop	13
4.2 Revised Site Plan	14
4.3 Revised Implementation Plan	14
4.4 Revised Hydraulic Profile	15
5. Compensation.....	15
5.1 Rates.....	15
5.2 Fee Summary	16

1. Project Management (Overall Task 1)

Consultant's project manager will manage the Consultant's team, task leads, overall execution of the work, and accurate accounting of the budget and schedule. This amendment includes an extension of the project period of performance from January 2026 to December 2028. Project management services are extended from January 2026 to March 2028, which is the anticipated end of the Early Works construction.

1.1 Project Management Meetings

Consultant will schedule regular weekly status meetings via virtual meeting platform. These meetings are planned for the duration of the work through March 2028. The Project Manager (PM) and Assistant PM will attend the meetings. Status meetings will be held to discuss topics including, but not limited to, project status, key items, upcoming deliverables, change management, and action items.

1.2 Schedule

Consultant will prepare a project schedule in Microsoft Project. The schedule will be reviewed with the City and then established as the baseline schedule. The schedule will be updated monthly as needed.

1.3 Monthly Reports and Invoices

Consultant to provide a monthly project status memo to accompany monthly invoices. The monthly status memo will describe ongoing work, planned work for the coming month, change items, upcoming deliverables, budget summary, anticipated delays in schedule, and schedule update.

Assumptions:

- Project period of performance is extended through December 2028.
- Project management services extended through March 2028 through Early Works construction.

Deliverables:

- Monthly Status Memo and Invoice

2. Early Works Design Phase Modifications

2.1 RWPS Driveway Stabilization (Overall Task 8E)

Following the 30% Design Workshop and site visit in June 2025, it was identified that the existing ecology blocks lining the sides of the driveway have started to erode away. Following the workshop, Jacobs completed an alternatives evaluation to look at short-term and long-term options to stabilize the driveway and provide support to the security fence installation along the driveway. Results and a recommendation were shared with the City at the 60% Design Workshop in September 2025, including driveway stabilization using grade beams and walls along the edge of the driveway to replace the ecology blocks as a bid alternative to the Early Works project. Ground penetrating radar (GPR) was completed in February 2026 to verify the location and depths of the raw water pipes along the driveway.

This amendment includes detailed design of the driveway stabilization developing 90% and final (100% complete) design documents consisting of technical specifications and drawings. It includes a 2-day site visit for a civil engineer to verify site conditions for the final design.

City will provide review comments for each design milestone in a Bluebeam Revu Studio Session coordinated by Consultant. City will internally adjudicate its review comments to provide clear direction for Consultant. Consultant will provide a written response within the Bluebeam Revu Studio Session to each written review comment provided by City and incorporate the comments into the subsequent design documents accordingly.

Assumptions:

- Additional works included in this amendment will be bid as part of the Early Works Project construction contract.
- Results of GPR utility locate will be used for driveway stabilization design and must be completed prior to finalization the design of the driveway.
- Level of effort is based on the addition of two (2) drawings:
 - Civil Site Plan
 - Structural Details

2.2 RWPS HVAC Design (Overall Task 8F)

During the 60% Design Workshop in September 2025, the City noted that there are issues with control panels overheating in the RWPS due to a lack of ventilation. Two larger pump motors will be designed as part of the raw water pump replacement in Early Works base scope. These larger motors will generate more heat and any existing ventilation issues within the RWPS can worsen. An evaluation of HVAC requirements will be performed as part of Amendment 5. Following this evaluation, the City will decide on an alternative to carry forward to detailed design.

Consultant will complete a detailed design of the selected HVAC system by developing 90% and final (100% complete) design documents. The completed design documents will consist of technical specifications and drawings.

City will provide review comments for each design milestone in a Bluebeam Revu Studio Session coordinated by Consultant. City will internally adjudicate its review comments to provide clear direction for Consultant. Consultant will provide a written response within the Bluebeam Revu Studio Session to each written review comment provided by City and incorporate the comments into the subsequent design documents accordingly.

Assumptions:

- Additional works included in this amendment will be bid as part of the Early Works Project construction contract.
- Level of effort is based on the addition of specification sections determined once alternative is selected, and three (3) HVAC drawings:
 - General Sheet

- Plan and Air Flow Schematics
- Sections and Details

2.3 Transformer and Levee Conduit Design (Overall Task 8G)

A National Energy Code (NEC) analysis completed by Jacobs suggests that the RWPS is currently overloaded. During initial coordination with Franklin PUD on the RWPS improvements, PUD indicated that they're at capacity with existing transformers and a new pad-mounted transformer is required to provide the increased power capacity to the RWPS. Further investigation by Jacobs and the City showed that the existing conduits between the current transformer and RWPS are not large enough for additional lines to be added. A new conduit will need to be routed between the new pad-mounted transformer by PUD to the RWPS. It is assumed that the transformer pad and conduit construction will require USACE, rather than railroad (BNSF) coordination. Coordination with Franklin PUD and USACE regarding the details of transformer placement and permitting/easement requirements for electrical conduit through the existing levee, respectively, will occur as part of Amendment 5.

Consultant will complete a detailed design of the project by developing 90% and final (100% complete) design documents. The completed design documents will consist of a technical specification for the transformer and associated drawings.

City will provide review comments for each design milestone in a Bluebeam Revu Studio Session coordinated by Consultant. City will internally adjudicate its review comments to provide clear direction for Consultant. Consultant will provide a written response within the Bluebeam Revu Studio Session to each written review comment provided by City and incorporate the comments into the subsequent design documents accordingly.

Assumptions:

- Additional works included in this amendment will be bid as part of the Early Works Project construction contract.
- City will coordinate with Franklin PUD on transformer location.
- Construction area is within USACE property. No coordination with BNSF is required.
- Level of effort is based on the addition of two (2) electrical drawings:
 - Electrical Site Plan
 - Site Plan Details

2.4 Early Works Phase Final Design (100% Design) (Overall Task 8)

A Management Reserve was established as part of Amendment 2, intended to be used for Early Works Phase final design (100% design). Amendment 6 includes approval for the use of these Management Reserve funds for the Early Works 100% complete submittal. The use of the 100% design budget in management reserve was contingent on receiving construction funding for the Early Works project. In January 2026, the City approved the \$14.7M Drinking Water State Revolving Fund (DWSRF) loan to fund the Early Works construction.

Consultant will prepare a 100% complete submittal of the design, including front end specifications and an Engineers Opinion of Probable Construction Cost (EOPCC). Consultant will incorporate City's and agency

Butterfield WTP Improvements Scope of Work

review comments from the 90% submittal into the 100% complete design submittal. The 100% complete submittal will be used to bid the construction contract. The Draft 100-percent complete design package review comments will be discussed at a subsequent project manager check-in call, as needed. No meetings to review or discuss the Final 100-percent complete design package are planned or budgeted. Design changes that impact the cost estimate are not anticipated after 90% design, but the estimate will be updated based on the 100% design if needed.

Consultant will submit electronically stamped 100-percent-complete contract documents submittal in Unlocked PDF and CAD format for use by the City for bidding the construction contract. PDF drawings will be half-size, 11"x17". A total of 73 drawings will be included in the contract set as shown in the table below.

001 - GENERAL		
1	001-G-0001	COVER, LOCATION MAP, AND VICINITY MAP
2	001-G-0002	DRAWING INDEX AND SYMBOL LEGEND
3	001-G-0003	ABBREVIATIONS 1
4	001-G-0004	ABBREVIATIONS 2
5	001-G-0005	STRUCTURAL GENERAL NOTES 1
6	001-G-0006	STRUCTURAL GENERAL NOTES 2
7	001-G-0007	PROCESS FLOW DIAGRAM
8	001-G-0008	BASIS OF DESIGN, DESIGN CRITERIA
9	001-G-0009	PIPE SCHEDULE, VALVE SCHEDULE, AND EQUIPMENT LIST
10	001-G-0010	HYDRAULIC PROFILE
11	001-G-0011	FLOW STREAM IDENTIFICATION
12	001-G-0012	CIVIL AND YARD PIPING LEGEND
13	001-G-0013	PROCESS MECHANICAL LEGEND
14	001-G-0014	MECHANICAL LEGEND
15	001-G-0015	ELECTRICAL LEGEND
16	001-G-0016	ELECTRICAL NOTES
17	001-G-0017	INSTRUMENTATION AND CONTROL LEGEND 1
18	001-G-0018	INSTRUMENTATION AND CONTROL LEGEND 2
19	001-G-0019	INSTRUMENTATION AND CONTROL NETWORK BLOCK DIAGRAM LEGEND
20	001-G-0020	MATERIAL AND AREA CLASSIFICATION SELECTION TABLE
005 - SITE CIVIL		
20	005-C-1001	EXISTING CONDITIONS AND SURVEY CONTROL PLAN
21	005-C-1101	OVERALL INTAKE SITE PLAN
22	005-C-1102	INTAKE LOCATION, GRADING AND EROSION CONTROL PLAN
23	005-C-1103	WATER TREATMENT PLANT OVERALL SITE PLAN
24	005-C-1104	WATER TREATMENT PLANT EROSION CONTROL PLAN
25	005-C-1105	WATER TREATMENT LOCATION AND GRADING PLAN
26	005-C-1106	INTAKE ARMORING PLAN AND SECTIONS
009 - INSTRUMENTATION AND CONTROLS		

Butterfield WTP Improvements Scope of Work

27	009-N-0001	INTAKE SCREENS P&ID
28	009-N-0002	RAW WATER PUMP STATION P&ID
29	009-N-0003	RWPS COMMUNICATION DIAGRAM
30	009-N-1001	PLC INPUTS AND OUTPUTS WIRING DEMOLITION DIAGRAM 1
31	009-N-1002	PLC INPUTS AND OUTPUTS WIRING DEMOLITION DIAGRAM 2
32	009-N-1003	PLC INPUTS AND OUTPUTS WIRING DEMOLITION DIAGRAM 3
015 - ELECTRICAL RELIABILITY IMPROVEMENTS		
33	015-S-2001	STRUCTURAL PLAN
34	015-S-5001	STRUCTURAL DETAILS
35	015-E-2001	WATER TREATMENT PLANT DEMOLITION PLANS
36	015-E-2002	DEMOLITION PHOTO DETAILS
37	015-E-2003	WATER TREATMENT PLANT PLANS
38	015-E-6001	DEMOLITION ONE-LINE DIAGRAM
39	015-E-6002	ONE-LINE DIAGRAM
40	015-E-8001	ELECTRICAL PANELBOARD SCHEDULES
020 - INTAKE/RWPS IMPROVEMENTS		
41	020-S-1001	STRUCTURAL INTAKE PLAN
42	020-S-3001	STRUCTURAL INTAKE SECTIONS
43	020-D-2001	PROCESS MECHANICAL INTAKE DEMOLITION PLAN
44	020-D-2002	PROCESS MECHANICAL INTAKE PLAN
45	020-D-2101	PROCESS MECHANICAL RWPS DEMOLITION PLANS
46	020-D-2102	PROCESS MECHANICAL RWPS PLANS
47	020-D-3001	PROCESS MECHANICAL INTAKE SECTIONS
48	020-D-3101	PROCESS MECHANICAL RWPS SECTIONS
49	020-D-3102	PROCESS MECHANICAL RWPS SECTIONS
50	020-D-5001	PROCESS MECHANICAL INTAKE DETAILS
51	020-D-5101	PROCESS MECHANICAL RWPS DEMOLITION PHOTO DETAILS
52	020-M-1001	MECHANICAL PLAN AND AIR FLOW SCHEMATICS
53	020-M-3001	MECHANICAL SECTIONS AND DETAILS
54	020-E-2001	ELECTRICAL INTAKE SITE PLAN
55	020-E-2001	ELECTRICAL RWPS DEMOLITION PLANS
56	020-E-2002	ELECTRICAL RWPS PLANS
57	020-E-6001	ELECTRICAL DEMOLITION ONE-LINE DIAGRAM
58	020-E-6002	ELECTRICAL ONE-LINE DIAGRAM
59	020-E-8001	ELECTRICAL CONDUIT AND RACEWAY SCHEDULE
60	020-E-8002	ELECTRICAL PANELBOARD SCHEDULES
61	020-E-8003	ELECTRICAL SECURITY RISER DIAGRAM
900 - STANDARD DETAILS		

Butterfield WTP Improvements Scope of Work

62	900-S-0001	STRUCTURAL STANDARD DETAILS
63	900-S-0002	STRUCTURAL STANDARD DETAILS
64	900-S-0003	STRUCTURAL STANDARD DETAILS
65	900-E-0001	ELECTRICAL STANDARD DETAILS
66	900-E-0002	ELECTRICAL STANDARD DETAILS
67	900-E-0003	ELECTRICAL STANDARD DETAILS
68	900-C-0001	CIVIL STANDARD DETAILS
69	900-C-0002	CIVIL STANDARD DETAILS
70	900-C-0003	CIVIL STANDARD DETAILS
71	900-D-0001	PROCESS MECHANICAL STANDARD DETAILS
72	900-D-0002	PROCESS MECHANICAL STANDARD DETAILS
73	900-N-0001	INSTRUMENTATION AND CONTROL STANDARD DETAILS
73	TOTAL SHEETS	

Assumptions

- Draft deliverables include Draft 100% Plans, Specifications, and, Division 0 and 1 Specifications for City Review.
- Final Deliverables include Final 100% Plans, Specifications, and Engineer's Opinion of Probable Cost, Division 0 and 1 Specifications in Word and unlocked PDF.
- Consultant will modify EJCDC front end specifications utilized during the Raw Water Permanganate System project for use as front-end specifications for this work.

2.5 Bidding Phase Support (Overall Task 8.1)

2.5.1 Bid Phase Support

Consultant shall assist the City during the City's advertisement and bidding of the construction based on the Contract Documents prepared by the Consultant. Bidding assistance may include, as necessary and as/if directed by City, addressing bidder questions, developing addenda, and developing conformed documents. The budget for this task is an allowance to be expended, as necessary, and as directed by City. The budget allowance generally assumes no more than two (2) addenda, prepared in MS Word and up to two hand-markup drawing revisions.

Consultant shall attend pre-bid meeting with the City. The City shall prepare meeting agenda and materials. The budget for this task is based on virtual participation by Consultant's assistant project manager and project engineer for up to two (2) hours.

2.5.2 Conformed Drawings

Consultant will prepare conformed drawings and specifications. Consultant will submit electronically conformed documents submittal in PDF format for use by the City. PDF drawings will be half-size, 11"x17". A total of 73 drawings will be included in the conformed set.

Deliverables

- Conformed drawings and specifications.

2.6 Permitting Support for USACE Real Estate Application (Overall Task 3)

Consultant will prepare USACE Real Estate Application for modifications to the USACE land that is used for the Raw Water Pump Station as part of Early Works construction. Consultant will assist with USACE environmental assessment requirements.

Consultant will coordinate and contract with surveyor for an updated survey of the USACE property, showing legal descriptions and the delineation of project areas as required. Consultant will coordinate with the surveyor to define the scope of work for the survey, including the area to be surveyed and the format of deliverables. Technical details pertaining to file type and datum will be determined ahead of the survey to ensure consistency with existing as-built drawings.

Assumptions:

- Hours are included for a draft and final USACE Real Estate Application. If additional investigations and/or edits are requested as part of USACE's review, additional services would be required to address those changes.
- City is responsible for paying all fees required as a part of the permit applications and for signing the applications as the applicant.
- Survey area will include the legal delineation of the work area along the USACE parcel.
- Consultant will provide a markup to the surveyor showing the general location of key infrastructure to be included in the survey.
- Consultant will contract surveyor to complete work for updated survey.

3. Pilot Study (Overall Task 15)

The Washington Department of Health (DOH) requires pilot testing to design new filters at loading rates greater than 6 gallons per minute per square feet (gpm/sf). Filters designed with higher loadings rates reduce overall footprint and construction costs, as more flow can be pushed through a filter. The pilot study will include ozonation, rapid mix, coagulation/flocculation, and filtration treatment processes to mimic the new process. The results of the pilot study will be used to establish ozone demand/decay for ozone system design criteria, evaluate optimal coagulant dose for chemical building sizing, confirm a shortened flocculation hydraulic residence time (HRT), and confirm an increased filter loading rate (FLR) to reduce construction costs. The results will also inform chlorine demand post-treatment for on-site hypochlorite generation sizing and confirm disinfection byproduct (DBP) formation potential.

The pilot study will be split into three tasks:

- Planning and procurement
- Operation
- Data analysis and reporting

3.1 Pilot Test Planning

Consultant will develop a pilot test plan for the new Butterfield WTP, including the following information:

Butterfield WTP Improvements Scope of Work

- Purpose and goals of the pilot testing
- Duration of pilot testing and activities to be completed
- Data to be collected
- Analysis to be performed
- Intended use of data and expected conclusions.

As part of the development of the pilot test plan, Consultant will coordinate a pilot test plan review meeting with Consultant, DOH, and the City to solicit DOH's input on the pilot study plan and establish requirements of pilot testing. Consultant will respond to additional DOH requests as a result of the pilot test plan review meeting.

Consultant will lead the procurement of pilot equipment, including the following tasks:

- Develop bid documents and specifications for pilot installation
- Define specific features of pilot equipment to be procured
- Establish connection locations and design connecting pipe systems
- Determine representative sample locations and select sample pumps
- Evaluate hydraulics of pilot system
- Prepare process schematics showing proposed installation configuration of pilot system and installation diagrams showing proposed equipment locations and tie-in points

Consultant will prepare data collection forms that will be used to record system status, maintenance information, and operations and water quality data.

Consultant will rent the pilot unit for the entire test duration. The pilot system supplier, Intuitech, will fabricate the pilot enclosure and treatment process skids, and transport them onsite.

Consultant will prepare bid documents for the installation of the pilot enclosure within the fenced area of the drying beds adjacent to the permanganate Conex. The City will be responsible for providing a Contractor for installation of the pilot plant in the fenced area around the drying beds. Installation of the system by City Contractor includes but not limited to placement of a gravel pad, rigging the pilot enclosure on the gravel pad from delivery truck with a crane, piping installation to convey raw water from permanganate Conex to the pilot enclosure, and drain piping installation for the pilot discharge to drying beds outlet structure, and electrical connections. Intuitech will be on-site two weeks for startup and commissioning assistance of the pilot enclosure. Consultant will oversee City's Contractor's installation of pilot system onsite and startup of pilot system once installation is complete.

Deliverables:

- Pilot Test Plan, Draft and Final
- Draft and Final Bid Drawings and Specifications
- Pilot Test Plan Coordination Meeting Slides
- Pilot Test Plan Coordination Meeting Minutes

- Process Schematics
- Piloting Data Collection Forms

Assumptions:

- Bid drawings include two sheets.
- Specifications will be based on the Div 00 and Div 01 specifications created for the Raw Water Permanganate System project.
- City Contractor will install the pilot skid and associated connections. The raw water connection will be a tee off of the raw water sample line within the permanganate Conex. All water treated by the pilot will be discharged to the nearest drying bed outlet structure.
- A discharge permit is not required and is not included in the scope.
- Pilot test system will include ozonation, flocculation, and filtration.
- Additional equipment purchased for pilot testing includes Chemtrac LCA5, a jar tester, a UVT analyzer, a DR900, and a pH probe.

3.2 Pilot Test Operation

Consultant will provide and operate the pilot system over four quarters, including the following tasks:

- Determine initial coagulant and polymer doses using Chemtrac LCA-5 Laboratory Charge Analyzer.
- Perform routine checks of the pilot system.
- Perform regular and emergency maintenance. Note that more complicated maintenance activities (such as broken pipes, pump replacements, etc.) may require support from the City.
- Collect samples for water quality analysis.
- Routinely calibrate instruments.
- Collect and record data.
- Compile filter run reports.

The pilot plant will consist of ozonation, flocculation, and filtration skids housed inside of a custom enclosure. The pilot plant enclosure will be located near the drying beds. Installation of the pilot plant will require a contractor for placement of a gravel pad, removal of the pilot enclosure from the delivery truck and placement of the enclosure on the gravel pad with a crane, pump and piping installation to convey raw water to the pilot and drain out pilot treated water, and electrical connections.

Operation of the pilot system will be six weeks at a time, depending on the season, for a total of 24 weeks. In addition to the pilot skid, a climate-controlled trailer and portable toilet will be provided for pilot staff. Electricity, chemicals, and potable water required for piloting will be provided by the City.

Assumptions:

- Portable toilet will be provided for pilot staff by City.

- Day-to-day operations will be the responsibility of Consultant. City will be available to check on the pilot system when Consultant is not on site, including weekly inspections when the pilot is offline between quarterly testing periods.

3.3 Pilot Test Data Analysis and Reporting

Consultant will analyze all data that is collected during pilot test operation; figures and tables will be prepared for use in the Pilot Report. Draft and final versions of the Pilot Report will be prepared for submission to DOH. The Pilot Report will include the following:

- Purpose of the pilot test.
- Test procedure and setup summary.
- Description of and reasons for variations from the Pilot Test Plan.
- Summary of data collected during pilot testing.
- Results and conclusions gathered from pilot testing.
- Recommendations for water treatment design criteria.

As part of the development of the Pilot Report, Consultant will facilitate a meeting with DOH to get their input on the results of pilot testing. Consultant will respond to additional DOH requests as a result of the pilot testing results meeting.

Deliverables:

- Pilot Report, Draft and Final

4. Revised Butterfield WTP Implementation Plan for Greenfield Site (Overall Task 2.7)

4.1 Treatment Process Confirmation Workshop

Consultant will evaluate and update the proposed treatment scheme using the last five years of water quality data. Consultant will prepare a workshop to reach consensus with City staff on treatment objectives and resiliency criteria. Consultant will identify alternative treatment schemes and potential for project cost savings. The following topics will be discussed:

- Updated raw water quality data.
- Evaluate the need for ozonation.
- Disinfectant alternatives as greenfield site will provide more flexibility for phasing.
- Finished water storage.
- Site layout options for greenfield site.

The workshop will be held in-person and is budgeted for up to four (4) hours in duration, plus travel time. Up to four (4) Consultant staff will attend.

Deliverables:

- Workshop presentation and minutes documenting treatment scheme decisions.

4.2 Revised Site Plan

The previous site plan developed for the new Butterfield WTP was based on new facilities and treatment processes being constructed on the existing Butterfield WTP site. Consultant will develop three preliminary site plans for a greenfield WTP constructed in the empty plot of land to the east of the existing solids drying beds. Prior to development of site plans, Consultant will verify previously established design criteria associated with ozonation and disinfection.

Consultant will schedule a project definition meeting with the City to discuss the revised site plan alternatives and establish agreement on the preferred site plan alternative. Consultant will provide meeting minutes following review meeting. Decisions made during the project definition meeting will be incorporated in the revised Implementation Plan.

Assumptions:

- Site plan development to start after treatment process confirmation workshop and decisions.

Deliverables:

- Workshop presentation and minutes documenting revised site plan decisions.

4.3 Revised Implementation Plan

The previous Implementation Plan developed for the new Butterfield WTP was based on new facilities and treatment processes being constructed on the existing Butterfield WTP site, which necessitated phased construction to appropriately sequence construction and demolition efforts. A Class 5 (ACE International) cost estimate will be developed, based on the proposed site plan and treatment process. Consultant will revise the Implementation Plan, accounting for changes to site location, project schedule and phasing needs, cost estimate, and funding.

Consultant will provide City with a draft revised implementation plan. City will provide review comments in a Bluebeam Revu Studio Session coordinated by Consultant. City will internally reconcile its review comments to provide clear direction for Consultant. Consultant will provide a written response within the Bluebeam Revu Studio Session to each written review comment provided by City and incorporate the comments into the final revised implementation plan accordingly.

Assumptions:

- Design treatment capacity remains unchanged. Space for future expansion will be considered for site plan development, but not cost estimated.
- Ozone and direct filtration will still be utilized and design criteria associated with flocculation and filtration remain unchanged.

Deliverables:

- Draft and final version of the revised Implementation Plan.

4.4 Revised Hydraulic Profile

Consultant will conduct a hydraulics evaluation to confirm impact of building on the greenfield site on the raw water pump station capacity. The evaluation will include whether the existing pumps can achieve the firm capacity of 30 mgd at the greenfield site using the existing design condition of the raw water pumps. This study will utilize the pump hydraulic model built as part of the early works design. This study will evaluate the need for the City to upgrade pumps 6 and 7 under Early Works to achieve the higher total dynamic head (TDH) that is needed to each convey 10 mgd to the existing Butterfield WTP, which has a grade elevation that is about 14-feet higher than the greenfield site. Pump replacement recommendation will include consideration of modernization and maintenance schedule on aging infrastructure.

Deliverables

- Revisions to the Raw Water Pump Station Capacity and Hydraulics Evaluation Technical Memo prepared under Early Works design.

5. Compensation

5.1 Rates

Compensation will be made using standard hourly rates, plus expenses expressly eligible for reimbursement, as described in the Agreement Between City and Consultant for Professional Services. The rate table below is updated with 2026 billing rates, which will be escalated each year starting in January 2027 based on inflationary measures (3% per year assumed for budgeting purposes). Note that starting in 2026, billing rates are rounded to the nearest dollar going forward. These rates will be utilized moving forward from this Amendment approval.

Table 1. 2026 Billing Rates

Title	Hourly Billing Rate (2026)
Professionals	
Project Manager	\$325
Assistant PM	\$239
Expert Technical Engineer	\$345
Senior Technical Consultant	\$297
Senior Review Engineer	\$265
Senior Engineer	\$239
Lead Engineer	\$228
Senior Professional	\$212
Associate Engineer	\$202
Lead Professional	\$202
Staff Engineer	\$180
Intermediate Engineer	\$159
Global Design Engineer (all levels)	\$138
Entry Engineer	\$138
Engineering Intern	\$95
Science Intern	\$74

Butterfield WTP Improvements Scope of Work

Title	Hourly Billing Rate (2026)
Technicians	
Specialist CAD Technician	\$217
CAD Supervisor	\$202
Senior CAD Technician	\$180
Lead CAD Technician/Specifications	\$149
CAD Technician/Document Processing/Specifications	\$133
Global Design CAD	\$117
Intermediate CAD Technician	\$117
Entry CAD Technician	\$95
Administration	
Project Controls	\$154
Lead Administrative Assistant	\$143
Administrative Assistant	\$122
Intermediate Administrative Assistant	\$100
Entry Administrative Assistant	\$90

5.2 Fee Summary

The estimated hours and cost for each task are summarized on attached Fee Summary Table. These values are provided as guidance and actual hours and costs will vary based on staff assigned and execution of the work. Actual individual task expenditures may be more or less than the budgeted amount within the overall

Amendment 6	Jacobs Staff																										Total Task Hours	Labor	Expenses	Total Budget				
City of Pasco Butterfield WTP Improvements	Pat Van Duser Project Manager	Amy Gao Assistant PM	Tyler Kurtz Associate Eng	Claire Jing Entry Engineer	Enoch Nicholson Expert Technical Engineer	Kurt Playstead Senior Rev Eng (Finance)	Tahne Corcutt Senior Rev Eng (Funding)	Alan Chang Sr Rev Eng (DM)	OC Team	Dallas Anderson Sr Technical (Electrical)	Aaron George Lead Engineer (Intake)	Erim Gray Intermed Eng (Architect)	Falah AlJanabi Senior Eng (Bldg Mech)	Luke Scoggins Sr Rev Eng (Structural)	Kristina Milaj Associate Eng (Structural)	Jennifer Koch Sr Rev Eng (Civil)	Bruce Yu Associate Eng (I&C)	Travis Munson Sr Rev Eng (Geotech)	CAD	Besti Phoebeus Senior Eng (Permitting)	Tom Jones Sr Tech Consult (Cost)	Holly Williamson Lead Spec Process	Doc. Processor	Project Controls	Doug Howe Sr Rev Eng (Surveyor)	Cody Hay Staff Eng (Surveyor)	Siena Allen Intermed Eng (Party Chief)	Olutwatosin Ayo Entry Eng (Inst. Op)						
Billing Rate	\$325	\$239	\$202	\$138	\$345	\$265	\$265	\$265	\$265	\$297	\$228	\$159	\$239	\$239	\$202	\$265	\$202	\$265	\$117	\$239	\$297	\$149	\$133	\$154	\$265	\$180	\$159	\$138						
Task 1 - Project Management¹																																		
Project management meetings																																		
Schedule Updates																																		
Monthly Reports and Invoices	266	274	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	182	0	0	0	0	0	0	0	0	0	
Task 2A - Implementation Plan Revision²																																		
Treatment Process Confirmation Workshop																																		
Revised Site Plan																																		
Revised Implementation Plan																																		
Revised Hydraulic Profile	94	150	210	0	72	10	30	32	0	10	0	0	0	8	0	22	0	12	24	0	60	0	0	0	0	0	0	0	0	0	0	0	0	
Task 6.3 - Additional Permitting Support	12	12	8	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	160	0	0	0	0	10	62	40	40	0	0	0	0	0	
Task 8E - Driveway Stabilization	15	0	0	0	0	0	0	15	0	0	0	0	50	0	20	0	16	70	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	
Task 8F - HVAC Evaluation	8	0	4	0	0	0	0	8	0	12	0	0	60	12	0	0	12	0	71	0	12	0	0	0	0	0	0	0	0	0	0	0	0	
Task 8G - Transformer and Conduit Design	8	0	0	0	0	0	0	8	0	40	0	0	4	0	0	0	0	40	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	
Task 8 - Early Works 100% Design³	0	52	38	0	0	0	0	30	42	72	48	0	26	19	26	24	0	205	0	23	34	0	0	0	0	0	0	0	0	0	0	0	0	
Task 15 - Piloting⁴																																		
Pilot Test Planning and Procurement																																		
Pilot Installation Bid Documents																																		
Pilot Test Operations																																		
Pilot Test Data Analysis and Reporting	74	516	922	1,192	198	0	0	0	0	16	0	0	9	0	10	0	0	40	0	8	48	16	0	0	0	0	0	0	0	0	0	0	0	
Management Reserve - Moved to Task 8 100% Design	0	-40	-21	0	0	0	0	-23	-42	-65	-40	0	0	-19	-19	-19	-17	0	-164	0	-23	-26	0	0	0	0	0	0	0	0	0	0	0	
Management Reserve Replenishment	20	20	26	0	0	0	0	20	40	40	40	0	14	14	16	16	0	164	0	23	26	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	497	984	1,211	1,192	270	10	30	90	40	125	48	0	60	104	14	83	35	28	450	160	115	86	16	182	10	62	40	40	5,982	\$ 1,277,197	\$ 684,614	\$ 2,020,000		

1. Project management services extend from January 2026 to March 2028.
2. Includes survey by Jacobs if required by USACE real estate application for easement modification.
3. Includes escalation from original budget in Amendment 2 and additional 100% draft deliverable.
4. Pilot expenses include 40 weeks rental of pilot skids and enclosure, water quality analysis equipment purchase, laboratory samples, and travel for pilot plant operations.

Pasco City Council

Workshop Meeting

May 26, 2026





Pasco City Council

**Butterfield Water Treatment
Plant Improvements Professional
Services Agreement Amendment
No. 6**

May 26, 2026



Project Location



Butterfield WTP Improvements Amendment 6

The proposed Amendment 6 adds \$2,020,000.00 to the project and brings the total professional services agreement amount to \$3,786,600.00. The added services in Amendment 6 are summarized below:

- Task 1 – Raw Water Pump Station and Electrical Improvements design modifications, 100% complete design, and services during bidding.
- Task 2 – Piloting of water treatment processes
- Task 3 – Butterfield WTP Implementation Plan modifications for greenfield site



Butterfield WTP Improvements Amendment 6

Professional Services Agreement	Cost
Original PSA	\$533,300.00
Amendment No. 1	\$60,000.00
Amendment No. 2	\$1,173,300.00
Amendment No. 3	\$0.00
Amendment No. 4	\$0.00
Amendment No. 5	\$0.00
Amendment No. 6 (Proposed)	\$2,020,000.00
New Professional Services Agreement	\$3,786,600.00

City of
Pasco



Questions?

AGENDA REPORT

FOR: City Council April 29, 2026
TO: Harold Stewart, City Manager City Council Workshop
Meeting: 5/26/26
FROM: Maria Serra, Director
Public Works
SUBJECT: Resolution - Professional Services Agreement Amendment No. 9 with
RH2 Engineering, Inc. for Design Services for the Process Water Reuse
Facility Phase 2 Project (5 minute staff presentation)

I. ATTACHMENT(S):

Resolution
Exhibit A - Amend No. 9 PWFR PH2
Presentation

II. ACTION REQUESTED OF COUNCIL / STAFF RECOMMENDATIONS:

Discussion

III. FISCAL IMPACT:

This project is funded 100% by a Department of Ecology Clean Water State
Revolving Fund (CWSRF) low-interest loan.

Summary:

Original PSA	\$422,542.00
Amendment No. 1	\$267,625.00
Amendment No. 2	\$9,038.00
Amendment No. 3	\$111,584.00
Amendment No. 4	\$1,364,811.00
Amendment No. 5	\$1,357,001.00
Amendment No. 6	\$0.00
Amendment No. 7	\$237,854.00
Amendment No. 8	\$0.00
Proposed Amendment No. 9	\$74,890.00
New PSA Total	\$3,845,345.00

IV. HISTORY AND FACTS BRIEF:

Background

The Process Water Reuse Facility (PWRF) Phase 2 Winter Storage Improvements project began with the City of Pasco entering into a Professional Services Agreement (PSA) with RH2 Engineering, Inc. in August 2021 to design 200 million gallons of winter storage ponds. The scope later expanded to over 300 million gallons to accommodate existing processors' future growth, prompting multiple contract amendments for environmental permitting, land acquisition, and coordination with federal and state regulatory agencies. Amendments 1 through 6 addressed needs ranging from NEPA compliance to dam safety requirements, and extended construction support through 2025. The project is being fully funded through a State Revolving Fund (SRF) low-interest loan administered by the Washington State Department of Ecology and authorized under Resolution No. 4425. As a Designated Equivalency Project (DEP), it is subject to federal requirements for labor documentation, reporting, and contractor payroll verification, adding layers of complexity to project oversight and coordination.

Prior amendments to the PSA (1 through 8) addressed various evolving project needs. These included added environmental permitting for land acquisition (Amendment 1), preparation of an Environmental Site Assessment required by the US Bureau of Reclamation (Amendment 2), additional permitting to comply with federal funding and NEPA requirements for an expanded disposal site (Amendment 3), and engineering services to address Dam Safety regulations and coordination with other ongoing construction phases (Amendment 4). Amendments 5 and 6 provided for extended construction support services, contract administration, and regulatory compliance, with Amendment 6 extending RH2's services through the end of 2025 without a change in scope or cost. Amendment 7 includes additional construction administration, onsite inspections, and expanded coordination responsibilities to ensure regulatory compliance. It also provides engineering support for well drilling operations and additional coordination with Burnham accommodating the PRRC startup timeline. Amendment 8 extending RH2's services through the end of 2026 without a change in scope or cost.

Impact

The proposed amendment addresses multiple concerns that came up during construction, which included multiple return visits to address evolving punchlist items identified during final inspections, many of which required review of corrective actions, coordination with the contractor, and documentation for acceptance.

V. DISCUSSION:

Recommendation

Staff has reviewed and recommends approval of Amendment No. 9 to the PSA with RH2 Engineering in the amount of \$74,819.00 for the PWRF - Phase 2

project.

The proposed Amendment No. 9 to RH2 Professional services agreement addresses the additional work needed for completion of the construction phase. The proposed amendment will provide on-site observation and construction phase services. And to provide additional condition assessment related to corrosion within the IPS well and prepare an amendment to the IPS Corrosion Investigation Technical Memorandum prepared by RH2.

Constraints

Construction of this project has been planned to minimize interruptions or impacts to PWRP and needs to keep moving forward. Performing a condition assessment, evaluating potential corrosion associated with sodium hypochlorite exposure, and developing appropriate replacement recommendations has been identified as a current need.

Next Steps

Provided the Council approves the amendment, staff will work with the consultant to complete all necessary contractual documentation in the upcoming weeks.

Alternatives

Council may choose to reject the amendment. This is not recommended since the additional construction support is needed to ensure construction meets deadlines.

RESOLUTION NO. _____

A RESOLUTION OF THE CITY OF PASCO, WASHINGTON, APPROVES AUTHORIZING THE CITY MANAGER TO EXECUTE AMENDMENT NO. 9 FOR THE PROFESSIONAL SERVICES AGREEMENT WITH RH2 ENGINEERING, INC. FOR THE PROCESS WATER REUSE FACILITY (PWRF) PRETREATMENT IMPROVEMENT PHASE 2: WINTER STORAGE.

WHEREAS, the City of Pasco (City) and RH2 Engineering, Inc., entered into a Professional Service Agreement on August 10, 2021, to provide Engineering services with respect to the PWRF Improvements project; and

WHEREAS, the City and RH2 Engineering, Inc., entered into Amendment No. 1 on May 9, 2022, to add additional professional engineering (design) services for additional winter storage; and

WHEREAS, the City and RH2 Engineering, Inc., entered into Amendment No. 2 on July 12, 2022, to add additional professional engineering services for the acquisition of additional land from the United States Bureau of Reclamation (USBR); and

WHEREAS, the City and RH2 Engineering, Inc., entered into Amendment No. 3 on August 26, 2022, to add additional services for cultural and environmental field work and associated reporting for an additional 160-acre parcel owned by the USBR, and additional permitting support to facilitate the acquisition process being administered by the USBR to meet funding requirements; and

WHEREAS, the City and RH2 Engineering, Inc., entered into Amendment No. 4 on January 6, 2023, to add additional professional engineering services for supporting the future operations of the facility by interconnecting ponds, coordinating work between the multiple ongoing phases of the project at the PWRF site; and

WHEREAS, the City and RH2 Engineering, Inc., entered into Amendment No. 5 on January 18, 2024, to allow RH2 Engineering, Inc., to provide additional professional engineering services during construction including construction contract administration, project management duties in compliance with Federal regulations of the Clean Water State Revolving Fund (CWSRF) loan; and

WHEREAS, the City and RH2 Engineering, Inc., entered into Amendment No. 6 on December 16, 2024, to extend the PSA contract with RH2 Engineering, Inc., to December 31, 2025, with no change in Scope and Fee; and

WHEREAS, the City and RH2 Engineering, Inc., entered into Amendment No. 7 on August 19, 2025, to allow RH2 Engineering, Inc., to provide additional professional engineering services during construction and additional coordination with Burnham; and

WHEREAS, the City and RH2 Engineering, Inc., entered into Amendment No. 8 on December 22, 2025, to extend the PSA contract with RH2 Engineering, Inc., to December 31, 2026, with no change in Scope and Fee; and

WHEREAS, the City Council of the City of Pasco, Washington, has after due consideration, determined that it is in the best interest of the City to enter into Amendment No. 9 with RH2 Engineering, Inc.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF PASCO, WASHINGTON:

That the City Council of the City of Pasco approves the terms and conditions of Amendment No. 9 between the City of Pasco and RH2 Engineering as attached hereto and incorporated herein as **Exhibit A**, and

Be It Further Resolved, that the City Manager of the City of Pasco, Washington, is hereby authorized, empowered, and directed to execute said Amendment No. 9 on behalf of the City of Pasco; and to make minor substantive changes as necessary to execute this Amendment, and

Be It Further Resolved, that this resolution shall take effect immediately.

PASSED by the City Council of the City of Pasco, Washington, on this ____ day of June, 2026.

Charles Grimm
Mayor

ATTEST:

APPROVED AS TO FORM:

Krystle Shanks
Deputy City Clerk

Ogden Murphy Wallace, PLLC
City Attorney



AMENDMENT NUMBER ~~{ Agreement No. Amendment No. "18001 2" }~~ **98** to
PROFESSIONAL/PERSONAL SERVICES AGREEMENT
Process Water Reuse Facility Pretreatment Improvements – Phase 2: Winter Storage
PROJECT: 21298

Formatted: Not Highlight
Formatted: Font: 6 pt

AGREEMENT NO. 21-039

Formatted: Font: 6 pt

PROJECT NAME
PROJECT: Finance Project No

AGREEMENT NO. Agreement No from original PSA. If none, assign according to Clerk List

WHEREAS, the City and RH2 Engineering, Inc. entered into a Professional Services Agreement on 8/10/2021 to provide engineering services with respect to the Process Water Reuse Facility (PWRP) Pretreatment Improvements – Phase 2: Winter Storage project.

WHEREAS, the City and RH2 Engineering, Inc. entered into Amendment No. 1 to provide additional engineering services on 5/19/2022.

WHEREAS, the City and RH2 Engineering, Inc. entered into Amendment No. 2 to provide additional engineering services and add permitting services on 7/12/2022.

WHEREAS, the City and RH2 Engineering, Inc. entered into Amendment No. 3 to provide additional engineering services on 8/26/2022.

WHEREAS, the City and RH2 Engineering, Inc. entered into Amendment No. 4 to provide additional engineering services on 1/6/2023.

WHEREAS, the City and RH2 Engineering, Inc. entered into Amendment No. 5 to provide additional engineering services and add construction related services on 1/18/2024.

WHEREAS, the City and RH2 Engineering, Inc. entered into Amendment No. 6 to allow for additional time of performance services on 12/16/2024.

WHEREAS, the City and RH2 Engineering, Inc. entered into Amendment No. 7 to allow for additional time of performance services on 8/19/2025.

Formatted: Font: 6 pt

WHEREAS, the City and RH2 Engineering, Inc. entered into Amendment No. 8 to allow for additional time of performance services on 8/12/1922/2025.

Formatted: Font: 6 pt

NOW, THEREFORE, this agreement is amended to allow RH2 Engineering, Inc. to provide additional Services During Construction with no additional time of performance.

Formatted: Font: 6 pt
Formatted: Indent: First line: 0"

Formatted: Font: 6 pt

RH2 Engineering – Amendment No. 21039-9 to PSA
Process Water Reuse Facility Pretreatment Improvements – Phase 2: Winter Storage
Project No. 21298 **COMPANY NAME** Amendment No. ~~XXXX-4~~ to PSA



PROJECT NAME *Project Number (if applicable)*

WHEREAS, the City and CONTRACTOR/CONSULTANT COMPANY NAME entered into a Professional Services Agreement on Month, Day, 20## to provide _____ services with respect to the PROJECT NAME project.

WHEREAS, the City and CONTRACTOR/CONSULTANT COMPANY NAME entered into an Amendment/Amendment No. # to provide _____ on Monday, Day, 20##.

NOW, THEREFORE, this agreement is amended to allow CONTRACTOR/CONSULTANT COMPANY NAME to provide additional _____ services as described in Exhibit A.

1. **Scope of Work:**

Sec Exhibit A.
No change from original Professional Service Agreement and subsequent Amendments (Nos. 1-7). See Exhibit A.

Formatted: Font: 6 pt
Formatted: Font: Bold

2. **Fee:**

The compensation for the additional work is based on a Time & Materials Basis of \$74,890.00, increasing the overall total authorization amount to \$3,845,274.00. See Exhibit B.

Formatted: Font: 6 pt
Formatted: Font: Bold
Formatted: Font: Bold

The compensation for the work is based on a Time and Materials Basis not to exceed the amount of \$0.00 for a total authorization amount of \$0.00. See Exhibit B.

3. **Time of performance:**

No Change. The time of performance for services will be complete for the project on or before 12/31/2026. The services shall be complete for the project on or before Month Day, 20XX.

DATED THIS DAY _____ [date of execution]

CITY OF PASCO, WASHINGTON _____ RH2 _____ ENGINEERING,
INC. CONSULTANT/CONTRACTOR NAME

Harold L. Stewart II - City Manager Harold L. Stewart II, City Manager (> \$50,000) Marie L. Serra, PE - Public Works Director Dan Mahlum, PE, - Director Name, Title
Department Director (< \$50,000)

Formatted: Not Highlight
Formatted: Not Highlight

RH2 Engineering - Amendment No. 21039-9 to PSA
Process Water Reuse Facility Pretreatment Improvements - Phase 2: Winter Storage
Project No. 21298 _____ COMPANY NAME Amendment No. XXXX-4 to PSA



PROJECT NAME Project Number (if applicable)

EXHIBIT A

**Scope of Work
Amendment No. 9
City of Pasco
Process Water Reuse Facility Improvements
Winter Storage
April 2026**

Background

The City of Pasco (City) has requested that RH2 Engineering, Inc., (RH2) perform additional tasks beyond the original scope of work for services during construction. Additional on-site observation time was required to support project closeout and confirm that the system is functioning as intended. This effort has included multiple return visits to address evolving punchlist items identified during final inspections, many of which required review of corrective actions, coordination with the contractor, and documentation for acceptance. Project completion is anticipated for June 1, 2026.

Furthermore, installation of a reticulation line as part of Process Water Reuse Facility Pretreatment Improvements Phase 2: Winter Storage enabled the irrigation pump station (IPS) wet well to be drained, allowing RH2 to enter the structure and perform a detailed condition assessment to evaluate potential corrosion associated with sodium hypochlorite exposure and to develop appropriate replacement recommendations.

Task 8 – Services During Construction (Regular)

Objective: Provide additional construction-phase services to support project closeout and provide additional on-site observation of corrosion-related issues at the IPS for reliable system performance and long-term integrity.

Approach:

- 8.27 Provide additional on-site observation and construction-phase services from January 1, 2026, through June 1, 2026, to support project closeout, including addressing civil and mechanical punchlist items, reviewing corrective actions, coordinating with the contractor, and supporting system testing. CSNW will support this effort by performing these same tasks for electrical and control items.
- 8.28 Provide additional condition assessment related to corrosion within the IPS well and prepare an amendment to the *IPS Corrosion Investigation Technical Memorandum* prepared by RH2. Provide the updated technical memorandum to the City for review and comment and finalize the amended technical memorandum.

Assumptions:

- *RH2 will coordinate the IPS wet well condition assessment to coincide with the City's cleaning of the IPS wet well so that RH2 may utilize the safety equipment set up by the City. RH2 will follow the City's Fieldwork Health and Safety Plan.*
- *All deliverables will be provided in electronic format (PDF).*
- *This Scope of Work is supported by RH2's subsidiary, Control Systems NW LLC, via an subcontract services agreement.*

Provided by the City:

- Access to the IPS wet well.
- Review comments on the amended technical memorandum.

RH2 Deliverables:

- Progress reports, observation reports, construction contract time remaining statements, and weekly statements of working days in electronic PDF.
- Amended *IPS Corrosion Investigation Technical Memorandum*.

Schedule

RH2 is prepared to begin the project immediately after authorization from the City.

EXHIBIT B

Fee Estimate
Amendment No. 9
City of Pasco
Process Water Reuse Facility Improvements
Winter Storage
Apr-26

Description	Total Hours	Total RH2 Labor	Total Hours	Total CSNW Labor	Total RH2 Expense	Total CSNW Expense	Total Cost
Task 8 Services During Construction (Regular)	238	\$ 53,133	80	\$ 19,088	\$ 1,973	\$ 696	\$ 74,890
PROJECT TOTAL	238	\$ 53,133	80	\$ 19,088	\$ 1,973	\$ 696	\$ 74,890

RH2 ENGINEERING, INC.		
2026 SCHEDULE OF RATES AND CHARGES		
RATE LIST	RATE	UNIT
Professional I	\$179	\$/hr
Professional II	\$196	\$/hr
Professional III	\$217	\$/hr
Professional IV	\$240	\$/hr
Professional V	\$256	\$/hr
Professional VI	\$274	\$/hr
Professional VII	\$298	\$/hr
Professional VIII	\$324	\$/hr
Professional IX	\$328	\$/hr
Technician I	\$138	\$/hr
Technician II	\$152	\$/hr
Technician III	\$172	\$/hr
Technician IV	\$186	\$/hr
Technician V	\$205	\$/hr
Technician VI	\$224	\$/hr
Technician VII	\$243	\$/hr
Technician VIII	\$254	\$/hr
Control Specialist I	\$179	\$/hr
Control Specialist II	\$196	\$/hr
Control Specialist III	\$217	\$/hr
Control Specialist IV	\$240	\$/hr
Control Specialist V	\$256	\$/hr
Control Specialist VI	\$274	\$/hr
Control Specialist VII	\$298	\$/hr
Control Specialist VIII	\$324	\$/hr
Control Specialist IX	\$328	\$/hr
Control Technician I	\$138	\$/hr
Control Technician II	\$152	\$/hr
Control Technician III	\$172	\$/hr
Control Technician IV	\$186	\$/hr
Control Technician V	\$205	\$/hr
Control Technician VI	\$224	\$/hr
Control Technician VII	\$243	\$/hr
Control Technician VIII	\$254	\$/hr
Administrative I	\$93	\$/hr
Administrative II	\$108	\$/hr
Administrative III	\$127	\$/hr
Administrative IV	\$151	\$/hr
Administrative V	\$178	\$/hr
CAD/GIS System	\$27.50	\$/hr
CAD Plots - Half Size	\$2.50	price per plot
CAD Plots - Full Size	\$10.00	price per plot
CAD Plots - Large	\$25.00	price per plot
Copies (bw) 8.5" X 11"	\$0.09	price per copy
Copies (bw) 8.5" X 14"	\$0.14	price per copy
Copies (bw) 11" X 17"	\$0.20	price per copy
Copies (color) 8.5" X 11"	\$0.90	price per copy
Copies (color) 8.5" X 14"	\$1.20	price per copy
Copies (color) 11" X 17"	\$2.00	price per copy
Technology Charge	2.50%	% of Direct Labor
Night Work	10.00%	% of Direct Labor
Mileage	\$0.7250	price per mile (or Current IRS Rate)
Subconsultants	15%	Cost +
Outside Services	at cost	

Rates listed are adjusted annually.

Pasco City Council

Workshop

May 26, 2026





Pasco City Council

PWRF Phase 2 Winter Storage Pond Expansion PSA Amendment No. 9

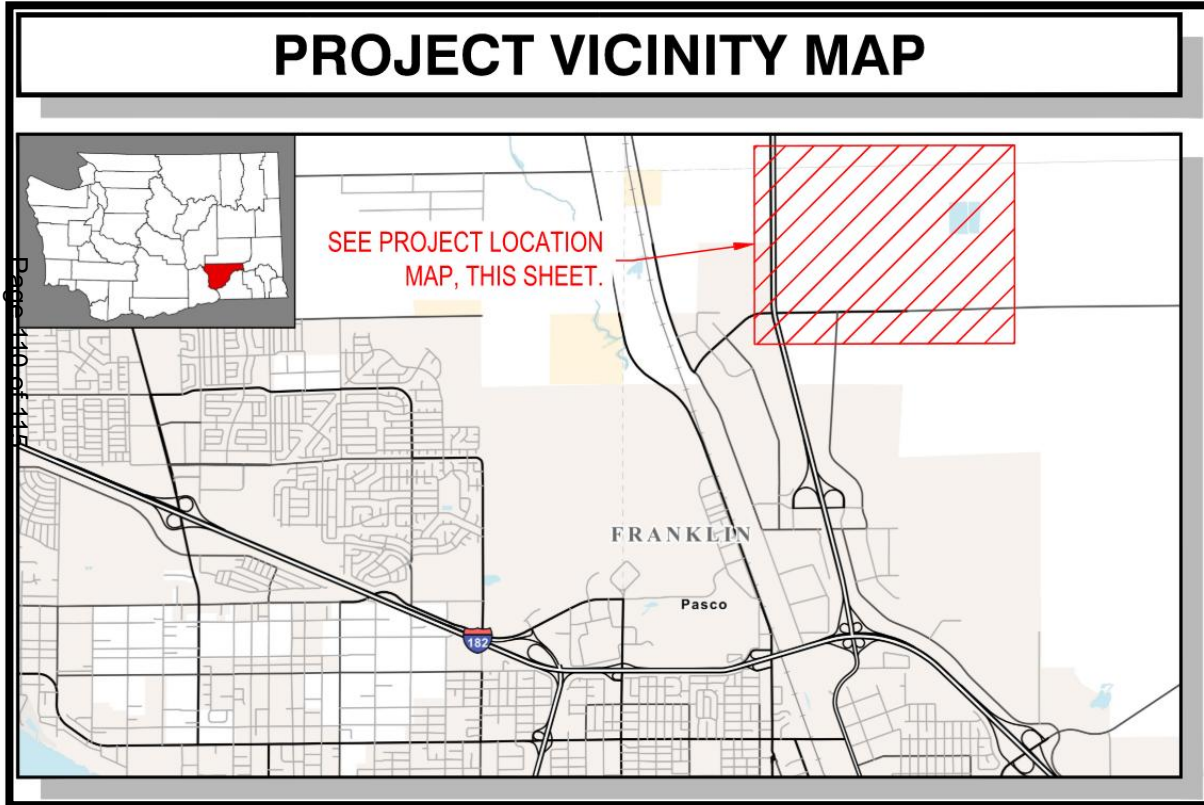
Page 109 of 115

5/26/2026



City of
Pasco
Washington

PWRF Phase 2-PSA Amendment No. 9 for RH2 Engineering, Inc., Project # 21-298



PWRF Phase 2-PSA Amendment No. 9 for RH2 Engineering, Inc., Project # 21-298

The proposed Amendment No. 9 adds \$74,890.00 to the project and brings the total professional services agreement amount to \$3,845,345.00. The added services for Amendment No. 9 are summarized below:

- Task 8 – Additional services during construction.
 - On-site observation and construction phase services
 - Additional condition assessment related to corrosion at the Irrigation Pump Station

Each professional services agreement was verified as necessary additions and negotiated with City staff. They were found to be reasonable and needed by City Staff.

Staff recommends approval of PSA Amendment No. 9.



PWRP Phase 2-PSA Amendment No. 9 for RH2 Engineering, Inc., Project # 21-298

Professional Services Agreement	Cost
Original PSA	\$ 422,542.00
PSA Amendment No. 1	\$ 267,625.00
PSA Amendment No. 2	\$ 9,038.00
PSA Amendment No. 3	\$ 111,584.00
PSA Amendment No. 4	\$ 1,364,811.00
PSA Amendment No. 5	\$ 1,357,001.00
PSA Amendment No. 6	\$ 0.00
PSA Amendment No. 7	\$ 237,854.00
PSA Amendment No. 8	\$ 0.00
PSA Amendment No. 9	\$ 74,890.00
New Professional Services Agreement	\$ 3,845,345.00



City of
Pasco



Questions?

2024-2025 City Council Goals

QUALITY OF LIFE

Promote a high-quality of life through quality programs, services and appropriate investment and re- investment in community infrastructure.

FINANCIAL SUSTAINABILITY

Enhance the long-term viability, value, and service levels of services and programs.

COMMUNITY TRANSPORTATION NETWORK

Promote a highly functional multi-modal transportation system.

COMMUNITY SAFETY

Implement targeted strategies to reduce crime through strategic investments in infrastructure, staffing, and equipment.

ECONOMIC VITALITY

Promote and encourage economic vitality.

CITY IDENTITY

Identify opportunities to enhance City of Pasco identity, cohesion, and image.

2024-2025

METAS DEL CONCEJO MUNICIPAL

CALIDAD DE VIDA

Promover una alta calidad de vida a través de programas, servicios y inversión apropiada y reinversión en la comunidad infraestructura comunitaria.

SOSTENIBILIDAD FINANCIERA

Promover viabilidad financiera a largo plazo, valor, y niveles de calidad de los servicios y programas.

RED DE TRANSPORTE DE LA COMUNIDAD

Promover un sistema de transporte multimodal altamente funcional.

SEGURIDAD DE NUESTRA COMUNIDAD

Implementar estrategias específicas para reducir la delincuencia por medios de inversiones estratégicas en infraestructura, personal y equipo.

VITALIDAD ECONOMICA

Promover y fomentar vitalidad económica.

IDENTIDAD COMUNITARIA

Identificar oportunidades para mejorar la identidad comunitaria, la cohesión, y la imagen.