

EXHIBIT A

GUARANTEED MAXIMUM PRICE AMENDMENT TO THE PROGRESSIVE DESIGN-BUILD CONTRACT THE CANYON CREEK ROUND-A-BOUT, BOECKMAN ROAD BRIDGE, SANITARY SEWER, AND EAST BOECKMAN ROAD IMPROVEMENTS

Agreement # 220780
Amendment No. 3, GMP 3
Project Number: CIP #4212, 4206, 4205, 2102

This Amendment to the Progressive Design-Build Contract (“Agreement”) is entered into effective _____ between the City of Wilsonville, Oregon (“City”) and Tapani/Sundt, A Joint Venture (“Design-Builder”) and amends the Progressive Design-Build Contract Boeckman Road Corridor Project between City and Design-Builder dated June 15, 2022.

RECITALS

1. City and Design-Builder enter into this Amendment No. 3, GMP 3 to establish the Guaranteed Maximum Price to complete all aspects of the Boeckman Road Corridor Project not otherwise contemplated in Amendment Nos. 1 and 2 or in Addendum Nos. 1-4 that were previously executed by the parties.
2. In order to provide the City with more certainty that the Guaranteed Maximum Price established herein will not be increased, this Amendment address the circumstances under which the Guaranteed Maximum Price may be increased after the effective date of this Amendment, which are discussed in Section 4.1.1 herein.

The Agreement is revised as follows:

1. **Project Scope.** Design-Builder shall complete the Round a Bout, Three Span Bridge, Sanitary Sewer, and Road Improvements (“GMP Work”). The GMP Work is described in more detail in the attached Exhibit A – Scope of Work: Design-Builder is required to furnish all materials, labor, water, tools, power, equipment, transportation, and other work needed to construct the GMP Work.
2. **Contract Documents.** This Amendment consists of the main text of this Amendment and the following exhibits:
 - a. Exhibit A – Scope of Work
 - i A.1 – Construction Services Scope of Work
 - ii A.2 – Engineering Services During Construction Scope of Work
 - b. Exhibit B – GMP Supporting Documents
 - i B.1 - Schedule of Values
 - ii B.2 - Engineer’s Fee
 - iii B.3 – Assumptions and Clarifications
 - iv B.4 – Equipment Rates

- v B.5 – Labor Rates
- vi B.6 – Construction Schedule
- vii B.7 – Permitting Strategy Plan
- viii B.8 – Right of Way Acquisition Plan
- c. Exhibit C – Construction Proposal Documents
 - i C.1 - Key Personnel
 - ii C.2 – Construction Document Index
 - iii C.3 – Procurement Plan
 - iv C.4 – Procurement Method
 - v C.5 – Subcontractor and Suppliers
 - vi C.6 – Selected Subcontractors and Suppliers

3. GMP. The parties agree that the Guaranteed Maximum Price (“GMP”) for the Project is \$36,836,661.92, consisting of the Estimated Cost of the Work, Contingencies, and Allowances, summarized as follows:

| | |
|--|-----------------|
| Estimated Cost of Work | \$29,914,114.68 |
| Contingency | \$1,872,934.00 |
| Contractor Fee (Design Builder’s Percentage Fee) | \$4,132,316.33 |
| Engineering Services for Construction | \$663,317.98 |
| Owner Directed Allowance | \$45,200.00 |
| Oregon Corporate Activity Tax | \$208,778.93 |

GMP Total (Total of Above) \$36,836,661.92

4. Basis of GMP. The GMP is based on the GMP Supporting Documents included as Exhibit B, including the contingencies, allowances, assumptions, exclusions, unit prices, and schedule designated in those documents. The GMP Supporting Documents are based on the Preliminary Engineering and any Construction Documents approved by the City. The Design-Build Documents remain in full force and effect; this Basis of GMP supplements design document requirements but does not replace them.

4.1 GMP Encompasses Further Design Development. Design-Builder represents that the Drawings and Specifications upon which the Guaranteed Maximum Price is based are approximately 90% complete and that the Drawings and Specifications will require further development from Design-Builder’s design team. In deriving the Guaranteed Maximum Price stated herein, Design-Builder has already anticipated and provided for this further design development and has included in the Guaranteed Maximum Price all costs expected or which reasonably could be expected for further design development, engineering and consultant services and reports, the creation and finalization of construction documents and issued-for-construction drawings, all design-team contract administration services and site visits, and all construction labor, materials, equipment, general conditions, fee and all other costs necessary, incidental or inferable from

the documents, physical access to the site, and information available to date in order to design and build the Project consistent with the Owner's Project Criteria, the scope description, the Drawings and Specifications, and all other design and Owner-supplied information to date. By executing the Contract and upon execution of each Amendment to the Contract, the Design-Builder is deemed to have included in the Guaranteed Maximum Price sufficient amounts to cover all of its obligations under or arising from the Contract, at law, and otherwise, and to have allowed the necessary resources to enable Design-Builder to achieve Substantial Completion by the Scheduled Substantial Completion Date.

4.1.1. The Guaranteed Maximum Price may only be increased under the following circumstances: (1) City-requested changes in Work that result in a Change Directive or Change Order; or (2) circumstances that could not have been reasonably known by either party prior to the effective date of this Amendment No. 3. The Guaranteed Maximum Price will not be increased in circumstances where Design-Builder determines or recommends that construction deviate from the Construction Documents or when the City issues a Change Directive in response to a deficiency or error in the Construction Documents identified by either party. The Contingency is the total amount Design-Builder is allowed to receive for unanticipated costs outside of circumstances 1 and 2 identified above.

5. Responsibility for Damage to Work Caused by Public Traffic. Once SW Boeckman Road is approved by the City for use by public vehicle travel, Design-Builder may apply for relief from responsibility for damage to Work caused by public traffic in a manner consistent with Oregon Standard Specifications for Construction (2018) Section 00170.80(c).

6. Substantial Completion Date. Notwithstanding any provision in the GMP Supporting Documents to the contrary, the required date for Substantial Completion of the GMP Work is 08/27/2025.

6.1. **Utility Delays.** To clarify Article 7.2 of the General Conditions, Design-Builder is not entitled to any additional compensation due to the presence of or interference, delays, or expenses caused by utility service companies, but may request an extension to the Contract term for delays caused by such utility service companies, which request will not be unreasonably denied by the City.

7. Compensation. Article 7, Compensation, is amended by adding the following:

7.1. City shall pay Design-Builder for GMP Work according to the schedules and unit prices stated in Exhibit B.1, including the Design-Builder's

Percentage Fee as set forth in this Amendment and Article 7 of the Agreement.

- 7.2. Design-Builder shall invoice the City monthly for work performed, based on an estimate of the amount of work completed and the value of the completed Work. Invoices shall be directed to the City of Wilsonville Project Manager. If an invoice is delivered on a non-business day, the invoice shall be considered received on the next day the City Finance Department is open for business. City shall make a progress payment equal to the value of the completed Work, less amounts previously paid, less retainage of 5 percent within 30 days of receipt of the invoice.
- 7.3. City shall inspect the Project within 15 days of receipt of written notice from Design-Builder that the Work is ready for final inspection and acceptance. The City shall either accept or reject the work in writing. A rejection must state the reasons for the rejection and list the Work that must be done before the Project can be accepted. If a rejection is issued, Design-Builder shall complete all Work needed to be done and request another inspection. The process shall be continued until the City determines that the Project is complete and accepted. Within 30 days after written acceptance by the City and receipt of the Warranty Bond required by Section 8.c of this GMP Amendment and Section 5.1.b of the General Conditions, all remaining amounts, including the retainage, shall be paid to Contractor, provided that Design-Builder shall submit evidence satisfactory to the City that all payrolls, material bills, and other indebtedness connected with the Work have been paid; except that in case of disputed indebtedness or liens, the Contractor may submit in lieu of evidence of payment, a Surety Bond satisfactory to City guaranteeing payment of all such disputed amounts when adjudicated in cases where such payment has not already been guaranteed by Surety Bond. If City fails to pay within 30 days of acceptance and receipt of the Bond, City shall pay interest at the rate as specified in ORS 279C.515 on any unpaid amounts.

8. Prevailing Wage

- 8.1. Design-Builder shall comply with all provisions required by ORS 279C.800 through ORS 279C.870 relating to the payment of prevailing wage rates for work performed.
- 8.2. Design-Builder shall pay to workers in each trade or occupation the current, applicable State prevailing rate of wage as established by the Oregon State Bureau of Labor and Industries (“BOLI”) <http://www.boli.state.or.us/BOLI>.

Design-Builder and any Subcontractors shall post the prevailing wage rates and fringe benefits as required by ORS 279C.840.

- 8.3. Design-Builder shall prepare weekly certified payroll reports and statements and submit them to the City by the fifth business day of each month (ORS 279C.845). Reports shall be submitted to the City Project Manager, on a form prescribed by the Commissioner of the Bureau of Labor, certifying: (a) the hourly rate of wage paid each worker whom the contractor or the Subcontractor has employed upon the public works; and (b) that no worker employed upon the public works has been paid less than the prevailing rate of wage or less than the minimum hourly rate of wage specified in the contract. If the Design-Builder has not filed the certified statements as required under this contract, the City of Wilsonville shall retain 25 percent of any amount earned by the Design-Builder until the Design-Builder has complied. The City of Wilsonville shall pay the Design-Builder the amount retained under this subsection within 14 days after the Design-Builder has filed the certified statements with the City.
- 8.4. Contractor shall allow BOLI to enter the office or business establishment of Contractor at any reasonable time to determine whether the prevailing rate of wage is actually being paid and shall make payment records available to BOLI on request. Contractor shall require subcontractors to provide the same right of entry and inspection.
- 8.5. City shall not make final payment unless the prevailing wage rate certifications are received.
- 8.6. Design-Builder must comply with all laws and regulations relating to prevailing wages, whether or not set out in this contract. Further information regarding prevailing wages is available by contacting BOLI at (971) 6730839 or on-line at the BOLI web site:
<http://www.boli.state.or.us/BOLI/WHD/PWR/index.shtml>.
- 8.7. Prevailing Wage publications applicable to this contract are the Prevailing Wage Rates for Public Works Contracts in Oregon effective **January 5, 2023**, the Prevailing Wage Rate Amendments effective **January 11, 2023**, and the **October 1, 2022** PWR Apprenticeship Rates.

9. Insurance and Bonds.

- 9.1. Design-Builder shall provide a separate Performance Bond and a separate Payment Bond in the form provided by the City. Each bond shall be equal to 100 percent of the GMP, or if either bond is issued to replace the bond previously issued under the Contract, equal to the total amount of the Progressive Design-Build Contract including the GMP Amendment. The Performance Bond and the Payment Bond must be signed by the Surety's Attorney-in-Fact, and the Surety's seal must be affixed to each bond. Bonds shall not be canceled without the City of Wilsonville's consent, nor shall the City release them prior to Contract completion.

Bonds must be originals. Faxed or photocopied Bond Forms shall not be accepted.

- 9.2. **Builder's Risk or Installation Floater.** The Design-Builder shall obtain and maintain for the benefit of the parties an all risk builder's risk or installation floater policy insuring 100 percent of the Cost of the Work. Such insurance shall include testing, and shall allow utilization of part of the equipment prior to Substantial Completion of all the GMP Work. Coverage shall continue until Substantial Completion of the GMP Work. The City and all Subcontractors shall be additional named insureds, as their interests may appear. The City shall be given not less than 30 days' written notice prior to cancellation, nonrenewal, or material change in the policy. One copy of the policy and a certificate of insurance shall be delivered to the City before commencing GMP Work and shall be subject to approval by the City. The City may defer delivery of the copy of the policy, but such deferral shall not be a waiver of the City's right to a copy of the policy. In the event the Design-Builder fails to maintain insurance required under this subsection 5.14, the City, at its sole option, may arrange for such coverage, and any administrative costs and premium incurred shall be reimbursed by the Design-Builder.
- 9.3. Design-Builder shall provide a Warranty Bond in the amount of the GMP to cover the warranty period after acceptance. The City's acceptance of the work shall not take effect until receipt of the warranty bond.

- 10. Liquidated Damages.** Design-Builder recognizes that the City shall incur significant internal and external costs (damages) as a result of any delay by the Contractor completing all GMP Work within the specified Contract time. However, given the nature of the GMP Work, it is unduly burdensome and difficult to demonstrate the exact dollar value of damages related to delay. The City has made a good faith and reasonable estimate of damages it would suffer from loss of use due to delay in completion. Contractor agrees to pay to City, not as a penalty but as liquidated damages for loss of use, an amount calculated based on Section 00180.85 in the Oregon Standard Specifications for Construction 2018, for each calendar day of delay in completion of the Work.

The City of Wilsonville is authorized to deduct the amount of the liquidated damages from any amounts due and the Contractor and its Surety shall be liable for any excess. See Section 00180.85 of the City of Wilsonville Special Conditions to the General Conditions.

If the Contract is terminated according to the General Conditions and if the Work has not been completed by other means on or before the expiration of Contract Time or adjusted Contract Time, liquidated damages shall be assessed against the Contractor for the duration of time reasonably required to complete the work.

The parties further agree that the liquidated damages required by this Contract are compensation to the City only for the harm the City sustains from late completion for loss of use. They are not compensation for additional effort required by the City because the Work has been extended over a longer period, or for other harm the City may sustain from the Design-Builder's other breaches of this Contract. The City may withhold liquidated damages from progress payments, or may withhold the full amount of accrued liquidated damages from final payment. Nothing in this Contract shall be interpreted to prevent the City from seeking other damages or recovery in addition to the liquidated damages specified in this section.

- 11. Other Damages.** The City may recover from the Design-Builder, withhold from payments under this Contract, or both, actual costs incurred by the City due to the extra effort necessitated because the Work is extended over a longer period of time, such as the actual costs of additional engineering and inspections by the City or extended third party services. This right to actual damages shall apply to both late Substantial Completion and late Final Acceptance.

- 12. Termination for Convenience.** In the event of a termination of this GMP Amendment for convenience, the Design-Builder will not be entitled to overhead or profit on the unperformed Work, and will not be entitled to payments in excess of (1) the Cost of the Work incurred by the Design-Builder to the date of termination, (2) the prorated portion of the Design-Builder's Percentage Fee based on the ratio of (a) the Cost of the Work incurred by the Design-Builder to the date of termination divided by (b) the Guaranteed Maximum Price less the Design-Builder's Percentage Fee, (3) fair compensation, either by purchase or rental at the election of the City, for any equipment owned by the Design-Builder which the City elects to retain and which is not otherwise included in the Cost of the Work under subitem (1), and (4) fair compensation for the Design-Builder's demobilization costs and other costs directly incurred relating to the termination which are not otherwise included in the Cost of the Work under subitem (1); provided, however, that the total amount of such payment shall be subject to the Guaranteed Maximum Price.

In all other respects the Contract shall remain in full force and effect.

Approved and authorized for signature by City Council on December 4, 2023.

This Amendment may be executed in two originals, with one original to be delivered to each party.

THE PARTIES SIGNING BELOW WARRANT, REPRESENT AND AGREE THAT THEY HAVE THE AUTHORITY TO SIGN THIS AGREEMENT AND AGREE TO ALL TERMS:

City of Wilsonville, Oregon

Design-Builder

BY: _____
NAME: _____

TITLE: _____
DATE: _____

BY: _____
NAME: _____

TITLE: _____
DATE: _____

APPROVED AS TO LEGAL FORM:

CITY ATTORNEY

Exhibit A.1

Scope of Work – GMP 3 Construction Services

City of Wilsonville - Boeckman Road Corridor Project

Round-A-Bout, Bridge, Sewer, and East Road Improvements

Description:

These Assumptions and Clarifications form the basis of the Tapani|Sundt, a Joint Venture, TSJV, 90% GMP 3 - Roundabout, Bridge, Sewer, and East Road Improvements Contract Documents, including drawings and specifications, pricing. In the event there is a conflict in the Assumptions and Clarifications between the 90% GMP3 and Final IFC Contract documents, primacy and precedence is given to these Assumptions and Clarifications. Upon approval of Final IFC Contract documents, which will include Exhibit B.3 GMP 3 IFC Assumptions and Clarifications, the Final IFC Contract Documents shall take precedence over this Exhibit B.3.

- Installation of 18" sewer main from Stafford Road to the east side of Boeckman Creek
- Widen and modernize the existing roadway from Stafford Road to the east approach of the proposed Boeckman Dip Bridge. The roadway will be designed to a Minor Arterial standard and ADA requirements, including the following:
 - Medians
 - Lighting and landscaping
 - Separated pedestrian and bicycle facilities to be provided along length of corridor and connect to intersecting streets, driveways, and paths.
 - Install RRFB pedestrian crossing at Willow Drive
- Upgrade and improve storm drainage and treatment for Boeckman Road to current standards
- Construct joint utility trench and pathway.
 - All overhead franchise utilities to perform undergrounding, except for the transmission power, by Franchise Utilities and PGE.
- Extend City fiber pathway in accordance with Public Works Standards.
- Protection of significant trees.
- Construction of Three Span Boeckman Dip Bridge over Boeckman Creek and upgrade the existing rural roadway to a Minor Arterial standard with bicycle and pedestrian facilities. The bridge will include architectural features, and lighting.
- Rough grade city maintenance access to the underside of the bridge for trail, storm, and sewer line maintenance.
- Modifications to the intersection of Boeckman Road and Canyon Creek Road by construction of a round-a-bout.
- Widen and modernize the existing roadway between the Canyon Creek Road RAB and the west approach of the Boeckman Dip Bridge. The roadway will be constructed to a Minor Arterial standard and ADA requirements.

Location:

Boeckman Road Corridor between roughly SW Canyon Creek Road and SW Stafford Road (BRCP Sta. 37+00 to 75+50)

Purpose of Project:

Boeckman Road is a Minor Arterial and is one of three east/west corridors that directly connects the East and West sides of the City of Wilsonville. This project will update Boeckman Road to meet City standards, improve safety, and serve all modes and all users.

Exhibit A.2

SCOPE OF SERVICES – GMP 3 Construction Engineering Support Services

City of Wilsonville - Boeckman Road Corridor Project

A. PROJECT UNDERSTANDING

The following scope of work covers civil, structural, traffic engineering, landscape architecture, arborist and environmental construction support services necessary for the installation of the proposed roadway, bridge, utilities and related infrastructure as documented in the GMP3 – GMP Submittal dated 7/31/2023. Note that as of 9/13/2023, the construction of the proposed stream restoration work will not be included as part of GMP3 Construction. For estimating purposes, we have assumed a construction duration of 13 months for the proposed improvements.

B. TASK BREAKDOWN

TASK 23 CONSTRUCTION ENGINEERING SUPPORT SERVICES – GMP 3

23.1 Project Management, Administration and Coordination

Project management and administration for the execution of the contract throughout the construction phase. This assumes we will participate in 36 one-hour conference calls or virtual meetings throughout the construction phase. Review and provide edits to meeting notes developed by others.

23.2 Civil Engineering

KPFF will provide the following civil engineering construction support services under this contract amendment:

- Attend pre-construction conference. This assumes the preconstruction meeting will be up to 2-hours and held at the City's office or in the field.
- Provide up to 12 (8 for KPFF and 4 for KAI) civil-related site visits during construction. We assume that KPFF will be notified of the construction schedule and progress to establish site visit dates. The site visits will be made at intervals appropriate to the stages of construction. Consultant shall document observations made through the preparation of site visit reports.
- Provide interpretations and/or clarifications of the civil portions of the work for up to 28 (24 for KPFF and 4 for KAI) civil Requests for Information (RFI's), Design Clarifications, and/or Contractor questions. The design consultation will occur only as required and may be ongoing throughout the Project. Each response is assumed to be no more than two-hours of effort.
- Review specified shop drawings or product submittals for the civil portions of the work. Assume up to 20 (16 for KPFF and 4 for KAI) submittals will be reviewed and responses will be prepared.
- Provide "Record" plans for the civil portion of the work based on 1 clean, red-lined, full-size set of drawings provided by the Contractor.

- Assist with the project closeout. Review the final inspection documentation and project correction list provided by the City.
- Assist with utility coordination throughout construction to facilitate relocations needed to accommodate the proposed construction.
 - Attend virtual utility coordination meetings coordinated and led by TSJV. Assume up to 2 staff attend two 1-hour meetings per month for 12 months.
 - Review unknown utilities and conflicts and work with utilities on resolution. Assume 18 utilities and/or conflicts (based on 2 per utility).
- This task includes the design and preparation of documents for the temporary water line along Boeckman Road from Station 43+25 to Station 51+25 (approximately). The temporary water line will be routed underground to the south of Boeckman Road between the proposed MSE walls and the adjacent property lines. Along the embankment, the water line will drop down to just above the overflow culvert. The temporary water pipe shall be designed to meet the City of Wilsonville Public Works Standards.
 - Prepare a temporary water plan and profile.
 - Prepare water details.
 - Prepare the following Special Provisions for the temporary water line:
 - Section 00405 – Trench Excavation, Bedding, and Backfill
 - Section 01140 – Potable Water Pipe and Fittings
 - Section 01150 – Potable Water Valves
 - Section 01160 – Hydrants and Appurtenances
 - Section 01170 – Potable Water Service Connections, 2-inch and Smaller
 - Section 02470 – Potable Water Pipe Materials
 - Section 02475 – Potable Water Fitting Materials
 - Section 02480 - Potable Water Valve Materials
 - Section 02485 – Hydrant and Appurtenances Materials
 - Section 02490 - Potable Water Service Connection Materials, 2-Inch and Smaller

Design Plan List

| TITLE | No. of Sheets | Const. Subm. | Revised Const. Subm. |
|--|---------------|--------------|----------------------|
| Cover sheet (w/ notes, abbreviations, legend, and sheet index) | 1 | X | X |
| Water Plan and Profile | 2 | X | X |
| Water Details | 2 | X | X |

- Perform an internal QC Review prior to each construction submittal. Coordinate and perform QC checks on plans, designs and specifications.

- Provide construction submittal to TSVJ and the City for review comments. Submittal documents will be stamped and signed by a professional engineer in Oregon.
- Provide a response to submittal review comments and provide final submittal.

23.3 Structural Engineering

KPFF will provide the following construction engineering support services under this contract amendment:

- Attend pre-construction conference. This assumes the preconstruction meeting will be up to 2-hours and held at the City's office or in the field.
- Provide up to 16 structural-related site visits during construction. We assume approximately 6 to 8 site visits to perform construction observation as Engineer of Record for the following: end abutment reinforcing steel, intermediate bent reinforcing steel, girder placement, deck reinforcing steel, bridge rail reinforcing steel, bridge rail custom steel rails and bridge coordination with MSE walls. We anticipate approximately 6 to 8 additional site observations to address construction issues and RFI's that cannot be addressed remotely. We assume that KPFF will be notified of the construction schedule and progress to establish site visit dates. Consultant shall document observations made through the preparation of site visit reports.
- Provide structural interpretations and/or clarifications of the structural portions of the work as described below. The design consultation will occur only as required and may be ongoing throughout the project.
 - Up to 60 contractor requests for information (RFI's), design clarifications and contractor questions. Each response is assumed to take 2 hours of engineering time. 25 percent of responses are assumed to require senior engineering input.
 - Attend up to 30 weekly construction meetings (virtual attendance)
 - Provide structural input on up to 10 significant field modifications. These modifications are assumed to require 8 hours of engineering, 2 hours of CAD and 2 hours of senior engineer oversight.
- Review specified shop drawings or product submittals for the structural portions of the work.
- Provide "Record" plans for the structural portion of the work based on 1 clean, red-lined, full-size set of drawings provided by the Contractor.
- Architectural Applications will provide architectural interpretations and/or clarifications in response to RFIs related to issues with the custom guardrails and light poles.
- Assist with the project closeout. Review the final inspection documentation and project correction list provided by the City.

23.4 Stream Restoration [Not Included]

23.5 Traffic Engineering

Kittelton and Associates (KAI) will provide miscellaneous construction support services under this contract amendment. The scope of services is limited to the following:

- Meetings:

- KAI will participate in virtual meetings to address issues raised during construction (up to 6 meetings at 2-hour each). Preparation of agenda and meeting minutes provided by others.
- Request for Information (RFI) Services (up to 6 included):
 - Prepare responses to up to 6 RFIs.
- Review of Submittals:
 - Review detailed construction shop drawings, contractor/vendor's operations, and other submittals. Assume up to 8 submittals will be reviewed and responses will be prepared.
- Field Visits:
 - Upon request, attend up to 4 field visits by a KAI engineer.
- As-Built Drawings: Review contractor-provided as-built drawings and provide record drawings reflecting changes made and documented during construction.

23.6 Landscape Architecture Services

GreenWorks (GW) will provide miscellaneous construction support services under this contract amendment. The scope of services is limited to the following:

- Meetings:
 - GW will participate in virtual meetings to address issues raised during construction (up to 6 meetings at 2-hour each). Preparation of agenda and meeting minutes provided by others.
- Request for Information (RFI) Services (up to 8 included):
 - Prepare responses to up to 8 RFIs.
- Review of Submittals:
 - Review detailed construction shop drawings, contractor/vendor's operations, and other submittals. Assume up to 8 submittals will be reviewed and responses will be prepared.
- Field Visits:
 - Upon request, attend up to 4 field visits by GW staff.
- As-Built Drawings: Review contractor-provided as-built drawings and provide record drawings reflecting changes made and documented during construction.
- Coordination with Project Arborist, and Civil.

23.7 Arborist Services

Morgan Holen Associates (MHA) will provide on-call consulting arborist services to monitor and document tree protection measures, supervise stump removal, demolition and excavation, and direct and document root pruning or protection beneath the dripline of existing trees, and provide the contractor with on-the-ground tree protection recommendations as needed. Each site visit will be documented in a written tree protection monitoring report submitted to KPFF, Sundt, and the City of Wilsonville.

The contractor is responsible for coordinating with the project arborist in a timely way prior to working beneath the dripline of a protected tree or opening, adjusting, or removing tree protection fencing. On-call arborist services include up to 120-hours of consultant labor and mileage for up to 40 site visits.

MHA will also conduct a post-clearing assessment to reassess remaining trees in terms of exposure from adjacent tree removal and suitability for preservation. Findings and recommendations will be documented

in a written report; if additional trees are determined to be structurally unsound or hazardous, additional tree removal may be recommended. The post-clearing assessment includes up to one day of fieldwork with a two-person crew, data analysis and design team coordination and a written arborist report: up to 30 hours of consultant labor and mileage for one site visit.

23.8 Environmental Consulting Services

Pacific Habitat Services shall provide the following environmental consulting services during construction:

- Site visits to review planting installation, up to 3 visits at 4-hours each.
- Responding to RFI submittals.
- Preparation and submittal of post-construction reports for the US Army Corps of Engineers and Oregon Department of State Lands.
 - File post-construction report for DSL, including as-built survey.
 - File post-construction report for NMFS, including turbidity readings collected by others.

23.9 Geotechnical Engineering Services

Haley & Aldrich will provide on-call geotechnical engineering support services during construction, including the following tasks:

- Driven Piles at Bridge
 - Review and respond to up to 6 geotechnically relevant contractor RFI's and material submittals.
 - Review and respond to contractor's pile driving submittal. Conduct pile driving analysis based on contractor's submittal to determine pile driving criteria.
 - Attend pile driving kick-off meeting on site.
 - Conduct up to 5 full-time site visits to observe pile driving at abutments and interior bents and pre-drilling at abutments.
 - Review dynamic load testing and analysis results (e.g., PDA testing and CAPWAP analysis) completed by others.
 - Prepare a summary memorandum regarding pile driving results.
- Embankment Construction
 - Review and respond to up to 8 geotechnically relevant contractor RFIs and material submittals.
 - Attend earthwork kick-off meeting on site.
 - Conduct up to 6 part-time site visits to observe geotechnically relevant conditions during construction, such as evaluation of unanticipated subsurface conditions, embankment subgrade preparation, lightweight fill installation, etc.
 - Review and process settlement plate survey data collected and provided by the contractor. Distribute the settlement plots to the project team on a weekly basis.
- Retaining Wall Construction
 - Review and respond to up to 8 geotechnically relevant contractor RFIs and material submittals.
 - Attend the retaining wall kick-off meeting on site.
 - Conduct up to 10 part-time site visits to observe geotechnically relevant conditions during construction, such as evaluation of unanticipated subsurface conditions, foundation subgrade preparation, installation of geogrid reinforcement, installation of facing, etc.

- Roadway Construction
 - Review and respond to up to 4 geotechnically relevant contractor RFIs and material submittals.
 - Conduct up to 4 part-time site visits to observe geotechnically relevant conditions during construction, including proof-rolls of finished subgrade, etc.
 - Conduct up to 2 full-time visits to observe the construction of signal pole foundations.
- Utility Construction
 - Review and respond to up to 4 geotechnically relevant contractor RFIs and material submittals.
 - Review and respond to contractor's shoring and dewatering design.
 - Attend utility kick-off meeting on site.
 - Conduct up to 4 part-time site visits to observe geotechnically relevant conditions during construction, such as evaluation of unanticipated subsurface conditions, utility subgrade preparation, dewatering system installation, shoring installation, etc.
- Geotechnical Review and Project Closeout:
 - Review daily field reports and testing results prepared by others for geotechnically relevant aspects of construction.
 - Prepare a summary memorandum at the end of construction summarizing our field observations.
- Geotechnical Assumptions:
 - Geotechnical part- and full-time site visits are estimated to require up to 4 and 9 hours, respectively, of on-site time, plus 2 hours of travel and office preparation time.
 - It has been assumed that primary responsibility for geotechnical observations and testing services are to be provided by qualified special inspectors to be hired by the City. Haley & Aldrich's primary role will be to support the project team in the event that unexpected or unusual conditions are encountered and to review documentation regarding the geotechnically relevant aspects of the project.
 - This scope of work does not include environmental characterization of onsite soils prior to removal for disposal purposes.

A. ASSUMPTIONS & CLARIFICATIONS

- All permit fees and agency charges will be paid by others.
- Construction surveying services, including monitoring of settlement plates at bridge embankments, will be provided by others.
- Special inspection and testing services, such as compaction and laboratory testing of fill, backfill, and aggregate base; documentation and testing of concrete, reinforcement, and welding; dynamic pile load testing (e.g., PDA testing and CAPWAP analysis); testing of asphalt; etc., will be provided by others who will be engaged by the contractor.
- A post-construction survey of as-built conditions is not included in this proposal.

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Exhibit B.1

GMP 3 - Schedule of Values

| BidItem | Bid Description | Bid Quantity | Units | Unit Price | Bid Total |
|---------|--|--------------|-------|-----------------|----------------|
| 100 | SALARIED & ADMIN STAFF | 1.00 | LS | \$ 710,854.47 | \$710,854.47 |
| 900 | STREET SWEEPING (PICKUP BROOM) | 480.00 | HR | \$ 262.74 | \$126,115.20 |
| 910 | STREET SWEEPING (SIDE KICK OPERATOR ONLY) | 800.00 | HR | \$ 87.94 | \$70,352.00 |
| 920 | POTHOLING VAC TRUCK | 85.00 | EA | \$ 695.03 | \$59,077.55 |
| 930 | POTHOLING BACK HOE | 35.00 | EA | \$ 464.24 | \$16,248.40 |
| 940 | UTILITY SUPPORT LARGE (24" AND GREATER) | 4.00 | EA | \$ 4,081.51 | \$16,326.04 |
| 950 | UTILITY SUPPORT MEDIUM (12" TO 24") | 8.00 | EA | \$ 1,811.88 | \$14,495.04 |
| 960 | UTILITY SUPPORT SMALL (LESS THAN 12") | 18.00 | EA | \$ 503.86 | \$9,069.48 |
| 1000 | MOBILIZATION | 1.000 | LS | \$ 3,734,460.35 | \$3,734,460.35 |
| 1092 | QUALITY CONTROL TESTING | 1.00 | NTE | \$ 239,806.15 | \$239,806.15 |
| 1100 | TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC | 1.00 | LS | \$ 387,487.60 | \$387,487.60 |
| 1200 | TEMPORARY SIGNS | 958.00 | SQFT | \$ 38.12 | \$36,518.96 |
| 1400 | TEMPORARY BARRICADES, TYPE III | 27.00 | EACH | \$ 436.47 | \$11,784.69 |
| 1600 | TEMPORARY PLASTIC DRUMS | 211.00 | EACH | \$ 60.34 | \$12,731.74 |
| 1700 | TEMPORARY DELINEATORS | 242.00 | EACH | \$ 30.17 | \$7,301.14 |
| 1900 | TEMPORARY STRIPING | 7,920.00 | FOOT | \$ 0.51 | \$4,039.20 |
| 2100 | TEMPORARY PAVEMENT BARS | 138.00 | SQFT | \$ 5.60 | \$772.80 |
| 2200 | STRIPE REMOVAL | 7,920.00 | FOOT | \$ 0.51 | \$4,039.20 |
| 2400 | BAR REMOVAL | 138.00 | SQFT | \$ 4.84 | \$667.92 |
| 2600 | PORTABLE TRAFFIC SIGNAL | 2.00 | EACH | \$ 15,839.78 | \$31,679.56 |
| 2800 | PORTABLE CHANGEABLE MESSAGE SIGNS | 7.00 | EACH | \$ 8,297.03 | \$58,079.21 |
| 3000 | TEMPORARY WALKS | 3,442.00 | SQFT | \$ 10.02 | \$34,488.84 |
| 3100 | FLAGGERS | 6,170.00 | HOURL | \$ 69.69 | \$429,987.30 |
| 3200 | TEMPORARY DRAINAGE FACILITIES | 1.00 | LS | \$ 5,141.24 | \$5,141.24 |
| 3300 | TEMPORARY WATER LINE | 1.00 | LS | \$ 166,803.96 | \$166,803.96 |
| 3500 | EROSION CONTROL | 1.00 | LS | \$ 107,357.19 | \$107,357.19 |
| 3700 | TEMPORARY MULCHING, HYDROMULCH | 2.00 | ACRE | \$ 4,022.80 | \$8,045.60 |
| 3800 | MATTING, TYPE MATTING SLOPE INSTALLATION (WES 4-1) | 7,874.00 | SQYD | \$ 4.04 | \$31,810.96 |
| 3900 | CHECK DAM, TYPE 3 (S-2255 BIOFILTER BAG DITCHES AN | 46.00 | EACH | \$ 142.00 | \$6,532.00 |
| 4000 | CONSTRUCTION ENTRANCE, TYPE GRAVEL (S-2240) | 3.00 | EACH | \$ 6,077.68 | \$18,233.04 |
| 4200 | CONCRETE WASHOUT FACILITY | 1.00 | LS | \$ 50,465.52 | \$50,465.52 |
| 4300 | SEDIMENT FENCE (S-2245) | 1,895.00 | FOOT | \$ 4.64 | \$8,792.80 |
| 4400 | INLET PROTECTION, TYPE 5 (S-2127) | 32.00 | EACH | \$ 93.96 | \$3,006.72 |
| 4500 | INLET PROTECTION, TYPE CURB AND GUTTER (WES 4-21) | 41.00 | EACH | \$ 93.97 | \$3,852.77 |
| 4600 | SEDIMENT BARRIER, TYPE 2 (S-2250 BIOFILTER BAG OVE | 5,000.00 | FOOT | \$ 8.37 | \$41,850.00 |
| 4700 | POLLUTION CONTROL PLAN | 1.00 | LS | \$ 1,508.55 | \$1,508.55 |
| 4800 | TURBIDITY MONITORING | 1.00 | LS | \$ 13,874.82 | \$13,874.82 |
| 4900 | CONSTRUCTION SURVEY WORK | 1.00 | LS | \$ 401,309.54 | \$401,309.54 |
| 5000 | REMOVAL OF STRUCTURES AND OBSTRUCTIONS | 1.000 | LS | \$ 864,921.32 | \$864,921.32 |
| 5100 | ASPHALT PAVEMENT SAW CUTTING | 2,510.00 | FOOT | \$ 4.12 | \$10,341.20 |
| 5200 | CLEARING AND GRUBBING | 1.000 | LS | \$ 482,321.88 | \$482,321.88 |
| 5400 | TOE TRENCH EXCAVATION | 230.00 | CUYD | \$ 47.36 | \$10,892.80 |
| 5500 | GENERAL EXCAVATION | 11,003.000 | CUYD | \$ 76.78 | \$844,810.34 |
| 5700 | EXTRA FOR SELECTED GRANULAR BACKFILL MATERIAL | 20,155.000 | CUYD | \$ 58.95 | \$1,188,137.25 |
| 5800 | 12 INCH SUBGRADE STABILIZATION | 1,900.00 | SQYD | \$ 36.02 | \$68,438.00 |
| 5900 | AGGREGATE DITCH LINING | 320.00 | SQYD | \$ 103.52 | \$33,126.40 |
| 6000 | WATERING | 1.00 | LS | \$ 22,178.40 | \$22,178.40 |
| 6100 | DRAINAGE GEOTEXTILE, TYPE 1 | 700.00 | SQYD | \$ 4.19 | \$2,933.00 |
| 6300 | RIPRAP GEOTEXTILE, TYPE 1 | 170.00 | SQYD | \$ 5.38 | \$914.60 |
| 6400 | SUBGRADE GEOTEXTILE | 14,493.00 | SQYD | \$ 4.72 | \$68,406.96 |
| 6500 | GRANULAR DRAINAGE BLANKET | 260.00 | CUYD | \$ 308.09 | \$80,103.40 |
| 6900 | GROUTED RIPRAP, CLASS 100 | 110.00 | CUYD | \$ 393.22 | \$43,254.20 |
| 7000 | SHOTCRETE SLOPE STABILIZATION | 183.00 | SQYD | \$ 549.34 | \$100,529.22 |
| 7100 | TRENCH FOUNDATION | 220.00 | CUYD | \$ 214.15 | \$47,113.00 |
| 7200 | MAINLINE VIDEO INSPECTION | 6,700.00 | FOOT | \$ 16.78 | \$112,426.00 |
| 7205 | SEWER BYPASS | 1.00 | LS | \$ 7,542.00 | \$7,542.00 |

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Exhibit B.1

GMP 3 - Schedule of Values

| BidItem | Bid Description | Bid Quantity | Units | Unit Price | Bid Total |
|---------|---|--------------|-------|--------------|--------------|
| 7400 | 6 INCH SANITARY SEWER PIPE, 5 FT DEPTH | 33.00 | FOOT | \$ 176.64 | \$5,829.12 |
| 7500 | 6 INCH SANITARY SEWER PIPE, 10 FT DEPTH | 34.00 | FOOT | \$ 192.55 | \$6,546.70 |
| 7510 | 10 INCH SANITARY SEWER PIPE, 20 FT DEPTH | 22.00 | FOOT | \$ 534.46 | \$11,758.12 |
| 7700 | 18 INCH SANITARY SEWER PIPE, 10 FT DEPTH | 45.00 | FOOT | \$ 430.01 | \$19,350.45 |
| 7800 | 18 INCH SANITARY SEWER PIPE, 20 FT DEPTH | 1,674.00 | FOOT | \$ 592.59 | \$991,995.66 |
| 7900 | 18 INCH SANITARY SEWER PIPE, OVER 20 FT DEPTH | 823.00 | FOOT | \$ 769.61 | \$633,389.03 |
| 8000 | 10 INCH STORM SEWER PIPE, 5 FT DEPTH | 951.00 | FOOT | \$ 133.35 | \$126,815.85 |
| 8100 | 10 INCH STORM SEWER PIPE, 10 FT DEPTH | 191.00 | FOOT | \$ 220.67 | \$42,147.97 |
| 8200 | 12 INCH STORM SEWER PIPE, 5 FT DEPTH | 888.00 | FOOT | \$ 144.76 | \$128,546.88 |
| 8300 | 12 INCH STORM SEWER PIPE, 10 FT DEPTH | 1,661.00 | FOOT | \$ 276.04 | \$458,502.44 |
| 8400 | 12 INCH STORM SEWER PIPE, 20 FT DEPTH | 13.00 | FOOT | \$ 529.28 | \$6,880.64 |
| 8600 | 18 INCH STORM SEWER PIPE, 5 FT DEPTH | 59.00 | FOOT | \$ 247.71 | \$14,614.89 |
| 8700 | 18 INCH STORM SEWER PIPE, 10 FT DEPTH | 161.00 | FOOT | \$ 272.91 | \$43,938.51 |
| 8800 | 24 INCH STORM SEWER PIPE, 10 FT DEPTH | 72.00 | FOOT | \$ 378.36 | \$27,241.92 |
| 8900 | 12 INCH FRP STORM SEWER PIPE, ON STRUCTURE | 288.00 | FOOT | \$ 155.04 | \$44,651.52 |
| 9100 | 6 INCH PVC PIPE, 5 FT DEPTH | 262.00 | FOOT | \$ 150.39 | \$39,402.18 |
| 9200 | 10 INCH DUCTILE IRON PIPE, 5 FT DEPTH | 132.00 | FOOT | \$ 254.77 | \$33,629.64 |
| 9300 | FRP SLIP JOINTS, 12 INCH | 2.00 | EACH | \$ 4,467.74 | \$8,935.48 |
| 9400 | STANDARD CLEANOUT (S-2180) | 3.00 | EACH | \$ 2,675.10 | \$8,025.30 |
| 9500 | TRENCH DAM | 2.00 | EACH | \$ 10,911.78 | \$21,823.56 |
| 9600 | CONCRETE SLOPE ANCHOR (S-2195) | 4.00 | EACH | \$ 6,627.00 | \$26,508.00 |
| 9700 | CONCRETE MANHOLES, STANDARD MANHOLE (S-2005) | 19.00 | EACH | \$ 14,152.27 | \$268,893.13 |
| 9800 | CONCRETE MANHOLES, SHALLOW MANHOLE (S-2025) | 1.00 | EACH | \$ 19,315.25 | \$19,315.25 |
| 9850 | MANHOLE TESTING | 9.00 | EA | \$ 502.85 | \$4,525.65 |
| 9900 | CONCRETE MANHOLES, FLAT TOP MANHOLE (S-2030) | 9.00 | EACH | \$ 17,645.12 | \$158,806.08 |
| 10000 | CONCRETE MANHOLES, FLOW CONTROL MANHOLE (S-2049) | 1.00 | EACH | \$ 23,743.97 | \$23,743.97 |
| 10100 | CONCRETE MANHOLES, STORMWATER PRETREATMENT MANHOLE | 1.00 | EACH | \$ 23,743.97 | \$23,743.97 |
| 10200 | CONCRETE INLETS, TYPE D DITCH INLET (S-2120) | 3.00 | EACH | \$ 5,598.91 | \$16,796.73 |
| 10300 | CONCRETE INLETS, TYPE CG30 (S-2085) | 20.00 | EACH | \$ 5,598.91 | \$111,978.20 |
| 10400 | CONCRETE INLETS, TYPE G-2 CATCH BASIN (S-2095) | 8.00 | EACH | \$ 5,394.67 | \$43,157.36 |
| 10500 | CONCRETE INLETS, TYPE 1 AREA DRAIN AND GRATE (S-21) | 3.00 | EACH | \$ 5,074.83 | \$15,224.49 |
| 10700 | CONCRETE INLETS, SWALE INFLOW SPREADER (S-2225) | 1.00 | EACH | \$ 6,787.98 | \$6,787.98 |
| 10800 | CONCRETE INLETS, BEEHIVE OVERFLOW INLET (ST-6120) | 16.00 | EACH | \$ 6,084.34 | \$97,349.44 |
| 10900 | ADJUSTING BOXES | 44.00 | EACH | \$ 602.39 | \$26,505.16 |
| 11000 | CONNECTION TO EXISTING STRUCTURES | 13.00 | EACH | \$ 10,494.80 | \$136,432.40 |
| 11100 | ABANDON 10 INCH PIPE | 4.00 | EACH | \$ 4,422.38 | \$17,689.52 |
| 11200 | ABANDON 12 INCH PIPE | 8.00 | EACH | \$ 2,532.16 | \$20,257.28 |
| 11300 | ABANDON 18 INCH PIPE | 1.00 | EACH | \$ 11,852.90 | \$11,852.90 |
| 11500 | MINOR ADJUSTMENT OF MANHOLES | 1.00 | EACH | \$ 498.15 | \$498.15 |
| 11600 | MAJOR ADJUSTMENT OF MANHOLES | 2.00 | EACH | \$ 2,465.98 | \$4,931.96 |
| 11700 | TRENCH RESURFACING | 300.00 | SQYD | \$ 100.97 | \$30,291.00 |
| 11800 | JOINT UTILITY TRENCH | 3,670.00 | FOOT | \$ 230.33 | \$845,311.10 |
| 11900 | UTILITY VAULT, OLDCASTLE 444-PGE, PGE | 6.00 | EACH | \$ 8,941.92 | \$53,651.52 |
| 12000 | UTILITY VAULT, OLDCASTLE 577-PGE, PGE | 1.00 | EACH | \$ 12,894.01 | \$12,894.01 |
| 12100 | UTILITY VAULT, OLDCASTLE 612-PGE, PGE | 2.00 | EACH | \$ 21,641.80 | \$43,283.60 |
| 12200 | UTILITY VAULT, OLDCASTLE 5106-PGE, PGE | 3.00 | EACH | \$ 19,899.02 | \$59,697.06 |
| 12300 | UTILITY VAULT, OLDCASTLE 233-PGE, COW | 8.00 | EACH | \$ 5,714.58 | \$45,716.64 |
| 12350 | UTILITY VAULT - FRANCHISE FURNISH | 71.00 | EA | \$ 1,483.38 | \$105,319.98 |
| 12400 | 3 INCH PVC CONDUIT, PGE | 390.00 | FOOT | \$ 23.91 | \$9,324.90 |
| 12500 | 4 INCH PVC CONDUIT, PGE | 5,690.00 | FOOT | \$ 18.02 | \$102,533.80 |
| 12600 | 6 INCH PVC CONDUIT, PGE | 8,600.00 | FOOT | \$ 25.34 | \$217,924.00 |
| 12700 | 4 INCH PVC CONDUIT, PGE COMMS | 3,470.00 | FOOT | \$ 16.29 | \$56,526.30 |
| 12800 | 2 INCH PVC CONDUIT, COW | 790.00 | FOOT | \$ 11.24 | \$8,879.60 |
| 12900 | 4 INCH PVC CONDUIT, COW | 3,220.00 | FOOT | \$ 17.34 | \$55,834.80 |
| 13000 | STRUCTURE EXCAVATION | 2,951.00 | CUYD | \$ 47.34 | \$139,700.34 |
| 13300 | GRANULAR STRUCTURE BACKFILL | 72.00 | CUYD | \$ 90.52 | \$6,517.44 |

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Exhibit B.1

GMP 3 - Schedule of Values

| BidItem | Bid Description | Bid Quantity | Units | Unit Price | Bid Total |
|---------|--|--------------|-------|---------------|--------------|
| 13400 | FOAMED GLASS AGGREGATE | 1,320.00 | CUYD | \$ 219.48 | \$289,713.60 |
| 13450 | FURNISH PILE DRIVING EQUIPMENT | 1.00 | LS | \$ 115,523.35 | \$115,523.35 |
| 13500 | FURNISH HP 14 X 117 STEEL PILES | 1,680.00 | FOOT | \$ 4.95 | \$8,316.00 |
| 13600 | FURNISH PP 36 X 0.75 STEEL PILES | 1,020.00 | FOOT | \$ 10.74 | \$10,954.80 |
| 13700 | DRIVE HP 14 X 117 STEEL PILES | 18.00 | EACH | \$ 6,755.75 | \$121,603.50 |
| 13800 | DRIVE PP 36 X 0.75 STEEL PILES | 8.00 | EACH | \$ 16,956.39 | \$135,651.12 |
| 13850 | PDA TESTING PIPE PILE | 8.00 | EACH | \$ 3,229.89 | \$25,839.12 |
| 13855 | PDA TESTING H-PILE | 18.00 | EA | \$ 3,173.52 | \$57,123.36 |
| 14000 | PREBORING PILES | 210.00 | FOOT | \$ 478.43 | \$100,470.30 |
| 14400 | REINFORCEMENT, GRADE 60 | 411,000.00 | LB | \$ 1.2275 | \$504,502.50 |
| 14500 | DECK CONCRETE, CLASS HPC4000 | 503.00 | CUYD | \$ 1,680.49 | \$845,286.47 |
| 14700 | GENERAL STRUCTURAL CONCRETE, CLASS 4000 | 660.00 | CUYD | \$ 1,467.72 | \$968,695.20 |
| 14750 | SAWCUT TEXTURING | 1,400.00 | SY | \$ 10.88 | \$15,232.00 |
| 14800 | ARCHITECTURAL TREATMENT | 586.00 | SQYD | \$ 45.27 | \$26,528.22 |
| 14850 | ASPHALTIC PLUG JOINT | 120.00 | LF | \$ 176.00 | \$21,120.00 |
| 14900 | REINFORCED CONCRETE BRIDGE END PANELS | 271.00 | SQYD | \$ 697.54 | \$189,033.34 |
| 14950 | SLEEPER SLAB | 29.00 | CY | \$ 1,182.44 | \$34,290.76 |
| 15000 | BT 60 PRECAST PRESTRESSED GIRDERS | 2,075.00 | FOOT | \$ 473.70 | \$982,927.50 |
| 15100 | BEARING DEVICES, 18INCH WIDE, 12INCH LONG, .5INCH | 42.00 | EACH | \$ 168.50 | \$7,077.00 |
| 15300 | GRC CONDUIT SYSTEM, 4 INCH DIAMETER | 1,050.00 | FOOT | \$ 65.05 | \$68,302.50 |
| 15400 | GRC CONDUIT SYSTEM, 6 INCH DIAMETER | 700.00 | FOOT | \$ 104.08 | \$72,856.00 |
| 15500 | GRC CONDUIT SYSTEM, 2 INCH DIAMETER | 700.00 | FOOT | \$ 61.56 | \$43,092.00 |
| 15800 | CONCRETE PARAPET | 1,050.00 | FOOT | \$ 303.79 | \$318,979.50 |
| 15900 | 22 INCH CUSTOM STEEL PEDESTRIAN RAIL | 1,014.00 | FOOT | \$ 339.32 | \$344,070.48 |
| 16000 | UTILITY ATTACHMENT ON STRUCTURES | 1.00 | LS | \$ 205,566.08 | \$205,566.08 |
| 16400 | RETAINING WALL, MSE | 9,810.00 | SQFT | \$ 95.16 | \$933,519.60 |
| 16500 | MOMENT SLAB | 334.00 | FOOT | \$ 824.88 | \$275,509.92 |
| 16600 | COLD PLANE PAVEMENT REMOVAL, 2 INCHES DEEP | 680.00 | SQYD | \$ 5.03 | \$3,420.40 |
| 16700 | 3/4 INCH - 0 AGGREGATE BASE | 7,055.00 | CY | \$ 92.01 | \$649,156.74 |
| 16900 | LEVEL 2, 1/2 INCH ACP | 550.00 | TON | \$ 183.26 | \$100,793.00 |
| 17000 | LEVEL 2, 1/2 INCH ACP IN TEMPORARY | 210.00 | TON | \$ 305.43 | \$64,140.30 |
| 17100 | LEVEL 3, 3/4 INCH ACP | 2,850.00 | TON | \$ 137.44 | \$391,704.00 |
| 17200 | LEVEL 3, 1/2 INCH ACP | 1,450.00 | TON | \$ 144.57 | \$209,626.50 |
| 17300 | EXTRA FOR ASPHALT APPROACHES | 13.00 | EACH | \$ 1,018.09 | \$13,235.17 |
| 17400 | EXTRA FOR ASPHALT WALKS | 17,800.00 | SQFT | \$ 2.04 | \$36,312.00 |
| 17500 | PLAIN CONCRETE PAVEMENT, DOWELED, 8.5 INCHES THICK | 2,911.00 | SQYD | \$ 140.92 | \$410,218.12 |
| 17600 | STAMPED PLAIN CONCRETE PAVEMENT, DOWELED, 8.5 INCH | 307.00 | SQYD | \$ 159.82 | \$49,064.74 |
| 17700 | CONCRETE CURBS, CONCRETE STREET CURB AND GUTTER (R | 1,397.00 | FOOT | \$ 38.04 | \$53,141.88 |
| 17800 | CONCRETE CURBS, ASPHALT STREET CURB AND GUTTER (RD | 5,376.00 | FOOT | \$ 35.99 | \$193,482.24 |
| 17900 | CONCRETE CURBS, NON-MOUNTABLE MEDIAN (RD-1065) | 750.00 | FOOT | \$ 35.99 | \$26,992.50 |
| 18000 | CONCRETE CURBS, THICKENED CURB AND GUTTER | 710.00 | FOOT | \$ 126.88 | \$90,084.80 |
| 18100 | CONCRETE CURBS, PLANTER WALL | 330.00 | FOOT | \$ 120.50 | \$39,765.00 |
| 18200 | CONCRETE CURBS, 6 INCH X 6 INCH | 1,840.00 | FOOT | \$ 37.77 | \$69,496.80 |
| 18300 | CONCRETE CURBS, LOW PROFILE MOUNTABLE CURB | 283.00 | FOOT | \$ 37.77 | \$10,688.91 |
| 18400 | CONCRETE CURBS, STANDARD CURB | 2,930.00 | FOOT | \$ 37.77 | \$110,666.10 |
| 18600 | CONCRETE ISLANDS | 5,225.00 | SQFT | \$ 17.36 | \$90,706.00 |
| 18700 | CONCRETE DRIVEWAYS | 5,050.00 | SQFT | \$ 12.94 | \$65,347.00 |
| 18800 | CONCRETE DRIVEWAY REINFORCED | 3,000.00 | SQFT | \$ 15.33 | \$45,990.00 |
| 18900 | CONCRETE WALKS | 35,000.00 | SQFT | \$ 8.59 | \$300,650.00 |
| 19000 | ADA SIDEWALK RAMP | 9,625.00 | SQFT | \$ 18.48 | \$177,870.00 |
| 19100 | INSTALL OWNER SUPPLIED GATE | 1.00 | EACH | \$ 5,363.78 | \$5,363.78 |
| 19220 | MONO-DIRECTIONAL WHITE TYPE 1 MARKERS | 48.00 | EACH | \$ 10.69 | \$513.12 |
| 19300 | BI-DIRECTIONAL YELLOW TYPE 1 MARKERS | 160.00 | EACH | \$ 10.69 | \$1,710.40 |
| 19600 | THERMOPLASTIC, EXTRUDED, SURFACE, NON-PROFILED | 24,100.00 | FOOT | \$ 1.47 | \$35,427.00 |
| 19700 | PAVEMENT LEGEND, TYPE A: ARROWS | 10.00 | EACH | \$ 341.06 | \$3,410.60 |
| 19800 | PAVEMENT LEGEND, TYPE B-HS: BICYCLE LANE STENCIL | 9.00 | EACH | \$ 351.24 | \$3,161.16 |

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GMP 3 - Schedule of Values

| BidItem | Bid Description | Bid Quantity | Units | Unit Price | Bid Total |
|---------|--|--------------|-------|---------------|--------------|
| 20000 | PAVEMENT LEGEND, TYPE A: YIELD LINE TRIANGLE | 23.00 | EACH | \$ 61.09 | \$1,405.07 |
| 20220 | PAVEMENT LEGEND, TYPE B-HS: OFF-STREET PED/BIKE | 18.00 | EACH | \$ 610.86 | \$10,995.48 |
| 20230 | PAVEMENT BAR: TYPE AB | 1,630.00 | SQFT | \$ 12.98 | \$21,157.40 |
| 20300 | GREEN BICYCLE LANE, PREFORMED THERMOPLASTIC FILM | 1,065.00 | SQFT | \$ 17.05 | \$18,158.25 |
| 20400 | CURB DELINEATOR REFLECTORS - MOUNTED | 100.00 | EACH | \$ 15.27 | \$1,527.00 |
| 20500 | CROSSWALK CLOSURE BARRICADES | 2.00 | EACH | \$ 1,033.89 | \$2,067.78 |
| 20600 | REMOVE EXISTING SIGNS | 1.00 | LS | \$ 2,182.08 | \$2,182.08 |
| 20700 | REMOVE AND REINSTALL EXISTING SIGNS | 1.00 | LS | \$ 519.54 | \$519.54 |
| 20800 | SIGN SUPPORT FOOTINGS | 56.00 | EACH | \$ 467.59 | \$26,185.04 |
| 21200 | PERFORATED STEEL SQUARE TUBE SLIP BASE SIGN SUPPOR | 56.00 | EACH | \$ 389.66 | \$21,820.96 |
| 21600 | PERMANENT TYPE III BARRICADES | 1.00 | EACH | \$ 2,182.08 | \$2,182.08 |
| 21700 | SIGNS, STANDARD SHEETING, SHEET ALUMINUM | 430.00 | SQFT | \$ 46.76 | \$20,106.80 |
| 21800 | REMOVAL OF ELECTRICAL SYSTEMS | 1.00 | LS | \$ 6,831.52 | \$6,831.52 |
| 21900 | POLE FOUNDATIONS | 1.00 | LS | \$ 53,971.56 | \$53,971.56 |
| 22000 | LUMINAIRES, LAMPS, AND BALLASTS | 1.00 | LS | \$ 70,540.57 | \$70,540.57 |
| 22100 | SWITCHING, CONDUIT, AND WIRING | 1.00 | LS | \$ 206,896.81 | \$206,896.81 |
| 22200 | LIGHTING POLES AND ARMS | 1.00 | LS | \$ 214,062.79 | \$214,062.79 |
| 22300 | FLASHING BEACON INSTALLATION, _____ | 1.00 | LS | \$ 151,112.92 | \$151,112.92 |
| 22400 | DETENTION POND | 1.00 | LS | \$ 302,749.08 | \$302,749.08 |
| 22500 | RAIN GARDEN | 1.00 | LS | \$ 71,331.76 | \$71,331.76 |
| 22600 | PLANTER NO. CC-1 | 1.00 | LS | \$ 23,475.85 | \$23,475.85 |
| 22700 | PLANTER NO. CC-2 | 1.00 | LS | \$ 36,276.87 | \$36,276.87 |
| 22800 | PLANTER NO. CC-3 | 1.00 | LS | \$ 39,095.38 | \$39,095.38 |
| 22900 | PLANTER NO. MC-2 | 1.00 | LS | \$ 24,932.61 | \$24,932.61 |
| 23000 | PLANTER NO. MC-3 | 1.00 | LS | \$ 38,656.94 | \$38,656.94 |
| 23100 | PLANTER NO. MC-6 | 1.00 | LS | \$ 38,727.35 | \$38,727.35 |
| 23200 | PLANTER NO. MC-7 | 1.00 | LS | \$ 43,511.01 | \$43,511.01 |
| 23300 | PLANTER NO. MC-10 | 1.00 | LS | \$ 25,838.03 | \$25,838.03 |
| 23400 | PLANTER NO. MC-11 | 1.00 | LS | \$ 35,114.43 | \$35,114.43 |
| 23500 | SWALE NO. MC-1 | 1.00 | LS | \$ 43,380.38 | \$43,380.38 |
| 23600 | SWALE NO. MC-4 | 1.00 | LS | \$ 56,466.04 | \$56,466.04 |
| 23700 | SWALE NO. MC-5 | 1.00 | LS | \$ 51,460.98 | \$51,460.98 |
| 23800 | SWALE NO. MC-8 | 1.00 | LS | \$ 52,053.70 | \$52,053.70 |
| 23900 | SWALE NO. MC-9 | 1.00 | LS | \$ 63,873.21 | \$63,873.21 |
| 24000 | SWALE NO. SR-1 | 1.00 | LS | \$ 50,851.05 | \$50,851.05 |
| 24100 | SWALE NO. SR-2 | 1.00 | LS | \$ 71,511.96 | \$71,511.96 |
| 24200 | SEEDING MOBILIZATION | 3.00 | EACH | \$ 518.21 | \$1,554.63 |
| 24400 | PERMANENT SEEDING | 1.10 | ACRE | \$ 2,952.68 | \$3,247.95 |
| 24500 | NATIVE PLANT SEEDING | 2.60 | ACRE | \$ 3,679.90 | \$9,567.74 |
| 24800 | SOIL TESTING | 1.00 | EACH | \$ 518.21 | \$518.21 |
| 24900 | TOPSOIL | 3,450.00 | CUYD | \$ 53.89 | \$185,920.50 |
| 25100 | CONIFER TREES, 6 FT HEIGHT | 6.00 | EACH | \$ 248.74 | \$1,492.44 |
| 25110 | DECIDUOUS TREES, 1 INCH CALIPER | 11.00 | EACH | \$ 300.56 | \$3,306.16 |
| 25200 | DECIDUOUS TREES, 2 INCH CALIPER | 176.00 | EACH | \$ 647.76 | \$114,005.76 |
| 25210 | TREES, #2 CONTAINER | 867.00 | EACH | \$ 27.98 | \$24,258.66 |
| 25220 | DECIDUOUS TREES, 4-6' HEIGHT | 38.00 | EACH | \$ 155.46 | \$5,907.48 |
| 25300 | SHRUBS, #SP4 CONTAINER | 512.00 | EACH | \$ 8.29 | \$4,244.48 |
| 25400 | SHRUBS, #1 CONTAINER | 6,709.00 | EACH | \$ 11.92 | \$79,971.28 |
| 25500 | SHRUBS, #2 CONTAINER | 606.00 | EACH | \$ 33.17 | \$20,101.02 |
| 25600 | TUBELING PLANT | 926.00 | EACH | \$ 8.29 | \$7,676.54 |
| 25700 | GROUNDCOVERS, #1 CONTAINER | 7,901.00 | EACH | \$ 12.44 | \$98,288.44 |
| 25800 | GROUNDCOVERS, #SP4 CONTAINER | 5,400.00 | EACH | \$ 7.25 | \$39,150.00 |
| 26000 | PLANT CUTTINGS, LESS THAN 1 INCH | 943.00 | EACH | \$ 7.25 | \$6,836.75 |
| 26100 | BARK MULCH | 390.00 | CUYD | \$ 67.37 | \$26,274.30 |
| 26200 | ROOT BARRIER | 7,000.00 | FOOT | \$ 12.44 | \$87,080.00 |
| 26400 | 9 FOOT CUSTOM SINGLE GATE | 1.00 | EACH | \$ 2,514.25 | \$2,514.25 |

TAPANI | SUNDT

IN ASSOCIATION WITH KPFF

Exhibit B.1

GMP 3 - Schedule of Values

| BidItem | Bid Description | Bid Quantity | Units | Unit Price | Bid Total |
|---------|---|--------------|-------|-----------------|------------------------|
| 26500 | 16 FOOT CUSTOM SLIDING SINGLE GATE | 1.00 | EACH | \$ 5,531.35 | \$5,531.35 |
| 26600 | TYPE CL-5 CHAIN LINK FENCE | 78.00 | FOOT | \$ 60.34 | \$4,706.52 |
| 26700 | REMOVING AND REBUILDING FENCE | 650.00 | FOOT | \$ 40.23 | \$26,149.50 |
| 26800 | REMOVE, RELOCATE AND REBUILD THE CHURCH SIGN (NEW) | 1.00 | LS | \$ 25,142.50 | \$25,142.50 |
| 26900 | REMOVE AND REINSTALL MAILBOX SUPPORTS | 7.00 | EACH | \$ 706.38 | \$4,944.66 |
| 27100 | BENCHES, TYPE A | 2.00 | EACH | \$ 3,128.51 | \$6,257.02 |
| 27200 | IRRIGATION SYSTEM | 1.00 | LS | \$ 371,746.53 | \$371,746.53 |
| 27300 | IRRIGATION SYSTEM - DESIGN BUILD - RESTORATION ARE | 1.00 | LS | \$ 48,201.75 | \$48,201.75 |
| 27400 | 6 INCH DUCTILE IRON POTABLE WATER PIPE WITH CLASS | 40.00 | FOOT | \$ 427.43 | \$17,097.20 |
| 27500 | 12 INCH DUCTILE IRON POTABLE WATER PIPE WITH CLASS | 725.00 | FOOT | \$ 240.11 | \$174,079.75 |
| 27600 | 12 INCH DUCTILE IRON POTABLE WATER PIPE ON STRUCTU | 300.00 | FOOT | \$ 175.71 | \$52,713.00 |
| 27700 | 12 INCH SMALL POTABLE WATER FITTINGS WITH CLASS B | 24.00 | EACH | \$ 1,155.75 | \$27,738.00 |
| 27800 | EXTRA TRENCH EXCAVATION WITH CLASS B BACKFILL | 30.00 | CUYD | \$ 252.71 | \$7,581.30 |
| 27900 | 6 INCH CONNECTION TO 12 INCH EXISTING MAIN | 1.00 | EACH | \$ 5,182.03 | \$5,182.03 |
| 28000 | 12 INCH CONNECTION TO 12 INCH EXISTING MAIN | 6.00 | EACH | \$ 4,548.66 | \$27,291.96 |
| 28100 | BRIDGE SUPPORTED WATER EXPANSION JOINT 12 INCH | 2.00 | EACH | \$ 15,915.44 | \$31,830.88 |
| 28200 | 6 INCH GATE VALVE | 3.00 | EACH | \$ 3,123.54 | \$9,370.62 |
| 28300 | 12 INCH BUTTERFLY VALVE | 2.00 | EACH | \$ 6,302.18 | \$12,604.36 |
| 28400 | 12 INCH COMBINATION AIR RELEASE / AIR VACUUM VALVE | 1.00 | EACH | \$ 9,729.93 | \$9,729.93 |
| 28500 | HYDRANT ASSEMBLIES | 4.00 | EACH | \$ 4,061.78 | \$16,247.12 |
| 28600 | MOVING EXISTING HYDRANTS | 1.00 | EACH | \$ 6,275.98 | \$6,275.98 |
| 28700 | STANDARD STRADDLE BLOCK (WT-3010) | 4.00 | EACH | \$ 2,790.67 | \$11,162.68 |
| 28800 | RECONNECTING EXISTING WATER SERVICES, 3/4 INCH | 8.00 | EACH | \$ 3,428.20 | \$27,425.60 |
| 29200 | 3/4 INCH WATER SERVICE LINE | 80.00 | FOOT | \$ 155.60 | \$12,448.00 |
| | COST OF WORK SUBTOTAL | | | | \$29,914,114.68 |
| 100000 | COST OF WORK CONTINGENCY | | | \$1,872,934.00 | \$1,872,934.00 |
| | COST OF WORK CONTINGENCY SUBTOTAL | | | | \$1,872,934.00 |
| | COST OF WORK & CONTINGENCY SUBTOTAL (FEE APPLIED ITEMS) | | | | \$31,787,048.68 |
| | DESIGN BUILDER FEE (13% of Cost of Work & Cost of Work Contingencies) | | | \$ 4,132,316.33 | \$4,132,316.33 |
| | KPFF - ENGINEERING SERVICES FOR CONSTRUCTION | 1.00 | NTE | \$ 663,317.98 | \$663,317.98 |
| 100900 | ALLOWANCE (PUBLIC ACCOMMOD & RESIDENT ACCESS) *Includes DB Fee | 1.00 | LS | \$ 45,200.00 | \$45,200.00 |
| | DESIGN BUILDER CONTINGENCY *Does not include DB FEE | 1.00 | LS | \$ 0.00 | \$0.00 |
| | TOTAL | | | | \$36,627,882.99 |
| | OR CAT TAX - .57% of Grand Total *Does not include DB Fee | | | \$208,778.93 | \$208,778.93 |
| | GMP #3 - GRAND TOTAL | | | | \$36,836,661.92 |

EXHIBIT B.2 – ENGINEER'S FEE

City of Wilsonville - Boeckman Road Corridor Progressive Design Build

Sundt/Tapani Joint Venture

In Association with KPFF

GMP 3 Construction Engineering Support Services

| Non-Contingency Tasks | KPFF Civil | KPFF Structural | A2 | Kittelson | GreenWorks | Morgan Holen & Associates | Pacific Habitat Services, Inc. | Haley & Aldrich, Inc. | Subtotal |
|---|---------------|-----------------|-------------|--------------|--------------|---------------------------|--------------------------------|-----------------------|----------------------|
| TASK 23 - GMP3 CONSTRUCTION ENGINEERING SUPPORT SERVICES | \$ 204,925.25 | \$ 156,101.23 | \$ 9,658.93 | \$ 38,236.24 | \$ 28,812.65 | \$ 29,604.72 | \$ 13,674.77 | \$ 182,304.18 | \$ 663,317.98 |
| Non-Contingency Totals : | \$ 204,925.25 | \$ 156,101.23 | \$ 9,658.93 | \$ 38,236.24 | \$ 28,812.65 | \$ 29,604.72 | \$ 13,674.77 | \$ 182,304.18 | \$ 663,317.98 |

**Exhibit B.2 - Engineer's Fee
Boeckman Road Corridor Project
GMP3 Construction Engineering Support Services**

BOECKMAN ROAD CORRIDOR PROJECT - FEE ESTIMATE: GMP 3 Construction Engineering Support Services

| Work Item | KPPF CIVIL | | | | | | Hours | Labor | | Subtotals |
|--|-----------------|-----------------|--------------------------|---------------------------|-----------------------------------|-------------------------------|-------------|-------------------|---------------|-------------------|
| | \$297.38 | \$243.85 | \$196.27 | \$172.48 | \$154.64 | \$130.85 | | Cost | Expenses | |
| | Civil Principal | Senior Civil PM | Project Engineer Roadway | Design Engineer/ Designer | Draftsperson / Technician - Civil | Project Administrator - Civil | | | | |
| TASK 23 - GMP3 CONSTRUCTION ENGINEERING SUPPORT SERVICES | | | | | | | | | | |
| 23.1 - Project Management, Administration and Coord. | | | | | | | 0 | \$ - | \$ - | |
| Project Coordination (13 Months) | 26 | 108 | | | | 50 | 184 | \$ 40,610 | \$ - | |
| Monthly invoices (13 Months) | 26 | | | | | 52 | 78 | \$ 14,536 | \$ - | |
| Monthly progress reports (13 Months) | | 13 | | | | | 13 | \$ 3,170 | \$ - | |
| Sub-consultant contracts (Prepare & Administer) | 8 | 12 | | | | 12 | 32 | \$ 6,875 | \$ - | |
| (36) one hour virtual meetings | 8 | 54 | | | | | 62 | \$ 15,547 | \$ - | |
| | | | | | | | 0 | \$ - | \$ - | |
| 23.2 - Civil Engineering | | | | | | | 0 | \$ - | \$ - | |
| Attend Precon Meeting | | 4 | 4 | | | | 8 | \$ 1,760 | \$ 48 | |
| Up to (8) Site visits (Per visit - 2 hrs on-site/1 hr travel/2 hrs field report/1 hr extra) | | 12 | 48 | 24 | | 8 | 92 | \$ 17,534 | \$ 357 | |
| RFI Responses (up to 24) | 4 | 8 | 24 | 48 | | 12 | 96 | \$ 17,700 | \$ - | |
| Submittal Reviews (Upto 16 submittals & upto 4 hours each) | | 8 | 32 | 16 | | 8 | 64 | \$ 12,038 | \$ - | |
| Record Drawings | 4 | 8 | 16 | 48 | 40 | 4 | 120 | \$ 21,269 | \$ - | |
| Project Closeout | 4 | 8 | 16 | 16 | | 4 | 48 | \$ 9,564 | \$ - | |
| Utility Coord. | | 8 | 16 | 8 | | 8 | 40 | \$ 7,518 | \$ - | |
| Utility Coord. Meetings (Twentyfour 1-hour meetings) | | 24 | | 8 | | | 32 | \$ 7,232 | \$ - | |
| Review unforeseen utilities and conflicts & work with utilities on resolution. (Assume 18 utility/locations - 2 per utility) | | 12 | 18 | 18 | 12 | 12 | 72 | \$ 12,990 | \$ - | |
| Temporary Water Line Design | | | | | | | 0 | \$ - | \$ - | |
| Cover sheet (w/ notes, abbreviations, legend and sheet index) | | 1 | | 4 | 2 | | 7 | \$ 1,243 | \$ - | |
| Water Plan and Profile (2) | | 2 | 8 | 12 | 8 | | 30 | \$ 5,365 | \$ - | |
| Water Details (2) | | 2 | 4 | 16 | 8 | | 30 | \$ 5,270 | \$ - | |
| Specifications | | 2 | 6 | | | 2 | 10 | \$ 1,927 | \$ - | |
| QA/QC | 2 | 2 | | | | | 4 | \$ 1,082 | \$ - | |
| Respond to City Review Comments | | 1 | 2 | 2 | 2 | | 7 | \$ 1,291 | \$ - | |
| Subtotal: | 82 | 289 | 194 | 220 | 72 | 172 | 1029 | \$ 204,521 | \$ 404 | \$ 204,925 |
| Non-Contingency Totals: | 82 | 289 | 194 | 220 | 72 | 172 | 1029 | \$ 204,521 | \$ 404 | \$ 204,925 |

**Exhibit B.2 - Engineer's Fee
Boeckman Road Corridor Project
GMP3 Construction Engineering Support Services**

BOECKMAN ROAD CORRIDOR PROJECT - FEE ESTIMATE: GMP 3 Construction Engineering Support Services

| Work Item | KPF STRUCTURAL | | | | | | | Hours | Labor Cost | Expenses | Subtotals |
|-----------|------------------------------------|-----------------------------|--------------------------|--------------------------------|------------------------------------|----------------------------------|--------------------------------------|-------|------------|----------|-----------|
| | \$297.38 EOR (Bridge) Totten | \$297.38 DQM McMullen | \$297.38 PM Finney | \$202.22 Senior Engineer | \$172.48 Structural Designer | \$154.64 CAD / BIM Modeler | \$130.85 Project Administrator | | | | |

| TASK 23 - GMP3 CONSTRUCTION ENGINEERING SUPPORT SERVICES | | | | | | | | | | | |
|---|-----------|----------|------------|------------|------------|-----------|----------|------------|-------------------|-------------|-------------------|
| 23.1 - Project Management, Administration and Coord. | | | | | | | | 0 | \$ - | \$ - | - |
| Project Coordination | | | | | | | | 0 | \$ - | \$ - | - |
| Monthly invoices | | | | | | | 6 | 6 | \$ 785 | \$ - | - |
| Monthly progress reports | | | 12 | | | | | 12 | \$ 3,569 | \$ - | - |
| Sub-consultant contracts (Prepare & Administer) | | | | | | | | 0 | \$ - | \$ - | - |
| | | | | | | | | 0 | \$ - | \$ - | - |
| | | | | | | | | 0 | \$ - | \$ - | - |
| 23.3 - Structural Engineering | | | | | | | | 0 | \$ - | \$ - | - |
| Attend Precon Meeting | | | 2 | | | | | 2 | \$ 595 | \$ - | - |
| Up to (16) Site visits | 8 | | 16 | | 32 | | | 56 | \$ 12,657 | \$ - | - |
| Structural Inperpretations / Modifications | 16 | | 60 | 60 | 230 | 16 | | 382 | \$ 76,879 | \$ - | - |
| Submittal Reviews | 2 | | 20 | 40 | 200 | | | 262 | \$ 49,127 | \$ - | - |
| Record Drawings | 1 | | 2 | | 24 | 24 | | 51 | \$ 8,743 | \$ - | - |
| Project Closeout | 1 | | 4 | | 8 | 4 | 2 | 19 | \$ 3,747 | \$ - | - |
| Subtotal: | 28 | 0 | 116 | 100 | 494 | 44 | 8 | 790 | \$ 156,101 | \$ - | \$ 156,101 |

| | | | | | | | | | | | |
|--------------------------------|-----------|----------|------------|------------|------------|-----------|----------|------------|-------------------|-------------|-------------------|
| Non-Contingency Totals: | 28 | 0 | 116 | 100 | 494 | 44 | 8 | 790 | \$ 156,101 | \$ - | \$ 156,101 |
|--------------------------------|-----------|----------|------------|------------|------------|-----------|----------|------------|-------------------|-------------|-------------------|

**Exhibit B.2 - Engineer's Fee
Boeckman Road Corridor Project
GMP3 Construction Engineering Support Services**

BOECKMAN ROAD CORRIDOR PROJECT - FEE ESTIMATE: GMP 3 Construction Engineering Support Services

| | Architectural Applications, P.C. | | | | | |
|-----------|----------------------------------|-----------------|--|-------|--|------|
| | \$172.48 | \$136.80 | | Labor | | |
| Work Item | Senior Designer | Junior Designer | | Hours | | Cost |

TASK 23 - GMP3 CONSTRUCTION ENGINEERING SUPPORT SERVICES

| | | | | | | |
|-------------------------------|----|---|----|----------|------|----------|
| | | | 0 | \$ - | \$ - | |
| 23.3 - Structural Engineering | | | 0 | \$ - | \$ - | |
| Attend Precon Meeting | | | 0 | \$ - | \$ - | |
| Up to (2) Site visits | 8 | | 8 | \$ 1,380 | \$ - | |
| RFI Responses | 16 | | 16 | \$ 2,760 | \$ - | |
| Submittal Reviews | 20 | | 20 | \$ 3,450 | \$ - | |
| Record Drawings | | | 0 | \$ - | \$ - | |
| Project Closeout | 12 | | 12 | \$ 2,070 | \$ - | |
| | | | 0 | \$ - | \$ - | |
| Subtotal: | 56 | 0 | 56 | \$ 9,659 | \$ - | \$ 9,659 |

| | | | | | | |
|--------------------------------|----|---|----|----------|------|----------|
| Non-Contingency Totals: | 56 | 0 | 56 | \$ 9,659 | \$ - | \$ 9,659 |
|--------------------------------|----|---|----|----------|------|----------|

**Exhibit B.2 - Engineer's Fee
Boeckman Road Corridor Project
GMP3 Construction Engineering Support Services**

BOECKMAN ROAD CORRIDOR PROJECT - FEE ESTIMATE: GMP 3 Construction Engineering Support Services

| Work Item | Kittelson & Associates, Inc. | | | | | | | Hours | Labor Cost | Expenses | Subtotals |
|-----------|---------------------------------------|--------------------------------|--------------------------------|----------------------|-----------------------------|----------------------------------|-------------------------------|-------|------------|----------|-----------|
| | \$353.29 Senior Principal Engineer | \$303.33 Principal Engineer | \$260.51 Associate Engineer | \$172.48 Engineer | \$146.31 Transp. Analyst | \$221.25 Associate Technician | \$179.62 Senior Technician | | | | |

| TASK 23 - GMP3 CONSTRUCTION ENGINEERING SUPPORT SERVICES | | | | | | | | | | | |
|---|---|----|----|----|----|---|---|-----|-----------|--------|-----------|
| 23.2 - Civil Engineering | | | | | | | | 0 | \$ - | \$ - | |
| Attend Precon Meeting | | | 3 | | | | | 3 | \$ 782 | \$ 25 | |
| Up to (4) Site visits | | | 12 | | | | | 12 | \$ 3,126 | \$ 100 | |
| RFI Responses (4) | | | 12 | | | | | 12 | \$ 3,126 | \$ - | |
| Submittal Reviews (4) | | | 8 | | | | | 8 | \$ 2,084 | \$ - | |
| Record Drawings | | | 6 | | 12 | | | 18 | \$ 3,319 | \$ - | |
| Project Closeout | | | 2 | | | | | 2 | \$ 521 | \$ - | |
| Utility Coord. | | | | | | | | 0 | \$ - | \$ - | |
| | | | | | | | | 0 | \$ - | \$ - | |
| 23.5 - Traffic Engineering | | | | | | | | 0 | \$ - | \$ - | |
| Meetings | | 6 | | 12 | | | | 18 | \$ 3,890 | \$ - | |
| RFI Responses (6) | | 12 | 6 | 12 | | | | 30 | \$ 7,273 | \$ - | |
| Submittal Reviews | | 8 | | 16 | | | | 24 | \$ 5,186 | \$ - | |
| Up to (4) Site visits | | 12 | | 6 | | | | 18 | \$ 4,675 | \$ 100 | |
| Record Drawings | | 4 | | 8 | | | 8 | 20 | \$ 4,030 | \$ - | |
| | | | | | | | | 0 | \$ - | \$ - | |
| | | | | | | | | 0 | \$ - | \$ - | |
| Subtotal: | 0 | 42 | 49 | 54 | 12 | 0 | 8 | 165 | \$ 38,011 | \$ 225 | \$ 38,236 |

| | | | | | | | | | | | |
|--------------------------------|---|----|----|----|----|---|---|-----|-----------|--------|-----------|
| Non-Contingency Totals: | 0 | 42 | 49 | 54 | 12 | 0 | 8 | 165 | \$ 38,011 | \$ 225 | \$ 38,236 |
|--------------------------------|---|----|----|----|----|---|---|-----|-----------|--------|-----------|

**Exhibit B.2 - Engineer's Fee
Boeckman Road Corridor Project
GMP3 Construction Engineering Support Services**

BOECKMAN ROAD CORRIDOR PROJECT - FEE ESTIMATE: GMP 3 Construction Engineering Support Services

| Work Item | GreenWorks | | | | | Hours | Labor Cost | Expenses | Subtotals |
|---|---|---------------------------------------|---------------------------------------|--------------------------------------|----------------------------------|-------|------------|----------|-----------|
| | \$235.53 Principal/ Technical Director | \$202.81 Landscape Architect IV | \$150.47 Landscape Designer III | \$124.31 Landscape Designer II | \$150.47 Project Assistant | | | | |
| TASK 23 - GMP3 CONSTRUCTION ENGINEERING SUPPORT SERVICES | | | | | | | | | |
| 23.1 - Project Management, Administration and Coord. | | | | | | 0 | \$ - | \$ - | |
| Project Coordination | 2 | 10 | 4 | | | 16 | \$ 3,101 | \$ - | |
| Monthly invoices | | | | | | 0 | \$ - | \$ - | |
| Monthly progress reports | | | | | | 0 | \$ - | \$ - | |
| Sub-consultant contracts (Prepare & Administer) | | | | | | 0 | \$ - | \$ - | |
| (12) one hour virtual meetings | | | | | | 0 | \$ - | \$ - | |
| | | | | | | 0 | \$ - | \$ - | |
| | | | | | | 0 | \$ - | \$ - | |
| 23.6 - Landscape Architecture Services | | | | | | 0 | \$ - | \$ - | |
| Meetings | 2 | 12 | 2 | | | 16 | \$ 3,206 | \$ - | |
| ASI Revision Drawings | 2 | 16 | 8 | | | 26 | \$ 4,920 | \$ - | |
| RFI Responses | | 16 | 4 | | | 20 | \$ 3,847 | \$ - | |
| Submittal Reviews | | 10 | 2 | | | 12 | \$ 2,329 | \$ - | |
| Up to (4) Site visits | | 36 | | | | 36 | \$ 7,301 | \$ - | |
| Record Drawings | 2 | 12 | 8 | | | 22 | \$ 4,109 | \$ - | |
| | | | | | | | | | |
| Subtotal: | 8 | 112 | 28 | 0 | 0 | 148 | \$ 28,813 | \$ - | \$ 28,813 |
| Non-Contingency Totals: | 8 | 112 | 28 | 0 | 0 | 148 | \$ 28,813 | \$ - | \$ 28,813 |

**Exhibit B.2 - Engineer's Fee
Boeckman Road Corridor Project
GMP3 Construction Engineering Support Services**

BOECKMAN ROAD CORRIDOR PROJECT - FEE ESTIMATE: GMP 3 Construction Engineering Support Services

| Work Item | Morgan Holen & Associates, LLC | | | | Subtotals |
|-----------|--|-------|---------------|----------|-----------|
| | \$196.27 Morgan Holen, Consulting Arborist | Hours | Labor Cost | Expenses | |

TASK 23 - GMP3 CONSTRUCTION ENGINEERING SUPPORT SERVICES

| Work Item | | Hours | Labor Cost | Expenses | Subtotals |
|--|-----|-------|------------|----------|-----------|
| | | 0 | \$ - | \$ - | |
| 23.7 - Arborist Services | | 0 | \$ - | \$ - | |
| On-Call Services and Monitoring Reports | 120 | 120 | \$ 23,553 | \$ 160 | |
| Post-Clearing Assessment and Arborist Report | 30 | 30 | \$ 5,888 | \$ 4 | |
| | | | | | |
| Subtotal: | 150 | 150 | \$ 29,441 | \$ 164 | \$ 29,605 |

| | | | | | |
|--------------------------------|-----|-----|-----------|--------|-----------|
| Non-Contingency Totals: | 150 | 150 | \$ 29,441 | \$ 164 | \$ 29,605 |
|--------------------------------|-----|-----|-----------|--------|-----------|

**Exhibit B.2 - Engineer's Fee
Boeckman Road Corridor Project
GMP3 Construction Engineering Support Services**

BOECKMAN ROAD CORRIDOR PROJECT - FEE ESTIMATE: GMP 3 Construction Engineering Support Services

| Work Item | Pacific Habitat Services | | | | | Hours | Labor Cost | Expenses | Subtotals |
|-----------|-----------------------------|---------------------------------|---------------------------------|--------------------------------------|---------------------------------|-------|------------|----------|-----------|
| | \$228.39 Project Manager | \$148.69 Wetland Scientist 2 | \$115.38 Graphics Specialist | \$103.49 Admin / Technical Editor | \$209.62 Fisheries Biologist | | | | |

TASK 23 - GMP3 CONSTRUCTION ENGINEERING SUPPORT SERVICES

| | | | | | | | | | |
|--|----|----|---|---|---|----|-----------|------|-----------|
| | | | | | | 0 | \$ - | \$ - | |
| 23.8 - Environmental Consulting Services | | | | | | 0 | \$ - | \$ - | |
| Plant installation review (3 visits x 4 hours) | 2 | 12 | | | | 14 | \$ 2,241 | \$ - | |
| Responding to RFI submittals | 16 | | | | | 16 | \$ 3,654 | \$ - | |
| Post construction reporting (DSL, NMFS, Corps) | 12 | 28 | 4 | 4 | | 48 | \$ 7,779 | \$ - | |
| Fish salvage permitting | | | | | | 0 | \$ - | \$ - | |
| Fish salvage operations | | | | | | 0 | \$ - | \$ - | |
| | | | | | | 0 | \$ - | \$ - | |
| Subtotal: | 30 | 40 | 4 | 4 | 0 | 78 | \$ 13,675 | \$ - | \$ 13,675 |

| | | | | | | | | | |
|--------------------------------|----|----|---|---|---|----|-----------|------|-----------|
| Non-Contingency Totals: | 30 | 40 | 4 | 4 | 0 | 78 | \$ 13,675 | \$ - | \$ 13,675 |
|--------------------------------|----|----|---|---|---|----|-----------|------|-----------|

**Exhibit B.2 - Engineer's Fee
Boeckman Road Corridor Project
GMP3 Construction Engineering Support Services**

BOECKMAN ROAD CORRIDOR PROJECT - FEE ESTIMATE: GMP 3 Construction Engineering Support Services

| Work Item | Haley & Aldrich, Inc. | | | | | | | | Hours | Labor Cost | Expenses | Subtotals |
|-----------|-----------------------|---|--|----------------------------------|----------------------------------|----------------------------------|------------------------------|-----------------------------|-------|------------|----------|-----------|
| | \$324.00 Principal | \$282.09 Sr. Project Manager / Technical Expert | \$240.17 Project Manager / Senior Technical Specialist | \$203.92 Technical Specialist | \$198.25 Project Professional | \$180.13 Staff Professional 2 | \$167.67 Project Controls | \$138.21 Project Support | | | | |

TASK 23 - GMP3 CONSTRUCTION ENGINEERING SUPPORT SERVICES

| | | | | | | | | | | | | |
|--|------------|----------|------------|----------|----------|------------|-----------|----------|------------|-------------------|-----------------|-------------------|
| 23.1 - Project Management, Administration and Coord. | | | | | | | | | 0 | \$ - | \$ - | |
| Project Coordination | 28 | | 56 | | | | | | 84 | \$ 22,522 | \$ - | |
| Monthly invoices | | | 13 | | | | | 13 | 26 | \$ 5,302 | \$ - | |
| Monthly progress reports | | | | | | | | | 0 | \$ - | \$ - | |
| Sub-consultant contracts (Prepare & Administer) | | | | | | | | | 0 | \$ - | \$ - | |
| (12) one hour virtual meetings | 16 | | 16 | | | | | | 32 | \$ 9,027 | \$ 952 | |
| | | | | | | | | | 0 | \$ - | \$ - | |
| | | | | | | | | | 0 | \$ - | \$ - | |
| 23.9 - Geotechnical Engineering Services | | | | | | | | | 0 | \$ - | \$ - | |
| Driven Piles at Bridge | 16 | | 40 | | 8 | 60 | | 2 | 126 | \$ 27,461 | \$ 714 | |
| Embankment Construction | 12 | | 40 | | | 72 | | | 124 | \$ 26,464 | \$ 833 | |
| Retaining Wall Construction | 10 | | 30 | | | 60 | | | 100 | \$ 21,253 | \$ 1,308 | |
| Roadway Construction | 2 | | 6 | | | 46 | | | 54 | \$ 10,375 | \$ 714 | |
| Utility Construction | 8 | | 26 | | | 24 | | | 58 | \$ 13,160 | \$ 595 | |
| Geotechnical Review and Project Closeout | 32 | | 120 | | | 12 | | 2 | 166 | \$ 41,627 | \$ - | |
| | | | | | | | | | | | | |
| Subtotal: | 124 | 0 | 347 | 0 | 8 | 274 | 13 | 4 | 770 | \$ 177,189 | \$ 5,115 | \$ 182,304 |
| Non-Contingency Totals: | 124 | 0 | 347 | 0 | 8 | 274 | 13 | 4 | 770 | \$ 177,189 | \$ 5,115 | \$ 182,304 |

Boeckman Road Corridor Project
Exhibit B.3 – GMP 3 Assumptions & Clarifications

GMP #3 – 90% Roundabout, Bridge, Sewer and East Road Improvements

GMP #3 - Assumptions and Clarifications

These Assumptions and Clarifications form the basis of the Tapani | Sundt, a Joint Venture, TSJV, 90% GMP 3 – Roundabout, Bridge, Sewer and East Road Improvements pricing. In the event that there is a conflict between these Assumptions and Clarifications and any other Contract documents, primacy and precedence is given to these Assumptions and Clarifications. Upon approval of the final IFC Contract Documents, which will include Exhibit B.3 GMP 3 IFC Assumptions and Clarifications, the Final IFC Contract Documents shall take precedence over this Exhibit B.3.

General Requirements:

1. Not Used
2. Excludes schedule delays associated with property acquisitions or takes.
3. Work hours assumed to be 50 hours per week, single shift.
4. Assumes no partial or contingent GMP 3 NTP with full NTP on December 11th, 2023.
5. Assumes authorization of GMP 2 Early Material (Piling, MSE Wall Engineering, and Bridge Girder Engineering) to occur no later than 12/6/2023.
6. Excludes removal & replacement of hazardous materials unless shown in the contract drawings and specifications.
7. No “Buy American” or “Buy America” Clauses have been established in the contract documents associated with this GMP.
8. Includes Contractor Quality Control for GMP 3
9. Assumes use of the City owned property on the Southeast corner of Canyon Creek Road and Boeckman Road. Use includes project employee parking and field office facilities.
10. Staging of construction equipment and material will be allowed on Boeckman Road during off hours within shoulder closures.
11. Excludes Quality Assurance.
12. The City of Wilsonville will pay all fees of required permits, except fees associated with electrical trade permits.
13. Excludes any tree permits or fees for tree removals.
14. Excludes use of tire wash as a BMP for track out.
15. OR CAT Tax will be progressively billed monthly at a rate of 0.57% of monthly invoices.
16. Excludes all Boeckman Creek on-site and off-site flow mitigation, stream restoration, and majority of excavation above Boeckman Creek.
17. Not Used
18. Excludes cost for all public relations and accommodation.
19. Excludes construction water costs, to be furnished by COW.
20. Includes cost to rent the bulk water meter, chapman valve, and backflow preventer.

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21. Does not include any delays or costs for encountering historic or archeologically significant unforeseen finds.
22. Not Used
23. Warranty duration will be one year per PDB contract.
24. A reconciliation of the Schedule of Values between GMP 3 90% and GMP 3 100% IFC drawings will occur. The Cost of Work contingency will be utilized for the reconciliation of differences between plan sets.

Traffic Control:

25. Flagging within 300' of the Stafford Rd. and Boeckman Rd. intersection will require shutdown of the traffic signal and flagging of the intersection between the hours of 9am and 3pm.
26. Assumes lane closures and flagging are allowed during normal working hours per Specification section 180.40, except when flagging within 300' of the intersection of Stafford Rd. and Boeckman Rd.
27. Assumes full closure of Boeckman Road between SW Canyon Creek Rd. and Sherman Dr. during round-a-bout and bridge construction.

Sanitary Sewer:

28. Excludes purchase 2340' of 18" PS46 F679 Sanitary Sewer Pipe. Purchase of this pipe quantity is included in GMP 1.
29. Includes purchase of 260' of 18" PS46 F679 Sanitary Sewer Pipe in Bid Item 7800.
30. Includes fittings, cleanouts, tracer wire, manhole adapters, and other components not included in GMP 1 pricing.
31. Assumes a bypass will not be required for the Sewer Main located under the East MSE Wall. If necessary, sewer bypass pumping is included in the Cost of Work contingency.
32. Assumes bypass system will not be required at tie in locations. If necessary, sewer bypass pumping is included in the Cost of Work contingency.
33. Not Used
34. Excludes hydrostatic testing on sanitary pipe.
35. Excludes ODOT requirement of laser profiling of pipe.
36. Includes Sanitary Sewer Manholes in GMP 3
37. Assumes a 4" trash pump will be sufficient for utility trench dewatering. Anything beyond this level of effort is included in the Cost of Work contingency.

Storm Sewer:

38. Not Used
39. Not Used
40. Excludes ODOT requirement of laser profiling of pipe.
41. Excludes vacuum or hydrostatic testing of storm pipe or storm manholes.

Water:

- 42. Assumes a minimum 8-hour 12" watermain shutdown, per tie-over, will be allowed.
- 43. Assumes licensed plumber will be required to reconnect water services.
- 44. Not Used
- 45. Assumes no insulation required on storm or water utilities under bridge.
- 46. Not Used
- 47. Not Used
- 48. Not Used

Joint Utility Trench:

- 49. Not Used
- 50. Not Used
- 51. Not Used
- 52. Not Used
- 53. Not Used
- 54. Assumes Hot Dip Galvanized and Rigid Metal Conduit for utility bridge hangars. Any material change to utility hangars is included in the Cost of Work Contingency
- 55. Not Used
- 56. Assumes no removal, relocation, and/or restoration of any utility not shown or called out on the Contract drawings. Unknown removal, relocation, and/or restoration of utilities is included in the Cost of Work Contingency.
- 57. Not Used
- 58. Not Used

Structural Concrete:

- 59. Assumes no painting or staining of General, Class 1, Class 2 or Architectural concrete finishes.
- 60. Excludes all anti-graffiti coatings.
- 61. Not Used
- 62. Not Used
- 63. Not Used
- 64. Assumes a commercially available stamp pattern for roundabout truck apron.
- 65 - Integral color concrete for round-a-bout truck apron is included in the Cost of Work contingency
- 66. Not Used
- 67. Any material, labor, and equipment costs to seal cracking of bridge deck and end panels per ODOT 2018 specification 00540.54 is included in the Cost of Work contingency.

Foundations & Retaining Walls:

- 68. Not Used
- 69. Not Used
- 70. Assumes MSE settlement will occur in a 3-month period. Costs associated with an extended settlement period is included in the Cost of Work contingency.

- 71. Not Used
- 72. Not Used
- 73. Not Used
- 74. Not Used
- 75. No sandblasting, painting, or treatment of exposed pipe pile. Pipe pile to be bare A252 GR3 material.
- 76. Excludes H-Pile and Pipe Pile material only purchase. Purchase for these items is included in GMP 2 allowances.
- 77. Engineering for Girders and MSE Walls is not included. These items are included in GMP 2.
- 78. Not Used
- 79. Not Used

Flatwork:

- 80. Not Used

Site Illumination:

- 81. Not Used

Roadway/Paving:

- 82. Not Used
- 83. Not Used

Bid Items:

- 84. TSJV to provide Lump Sum Breakdown prior to initial GMP 3 invoice for approval. All Lump Sum items to be paid per Lump Sum Breakdown agreed upon between TSJV and the City of Wilsonville
- 85. Bid Item 190 - Street Sweeping (Side Kick Operator Only): To be paid by actual hours of side kick broom operation.
- 86. Bid Item 1000 – Mobilization: 50% to be paid at NTP; 50% to be paid at 5% contract completion.
- 87. Bid Item 1092 – Quality Control Testing: To be paid as an NTE. GMP 3 monthly invoicing to be paid based off actual Quality Control firm invoice.
- 88. Not Used
- 89. Not Used
- 90. Not Used
- 91. Not Used
- 92. Not Used
- 93. Bid Item 7205 – Sewer Bypass: Assumes bypass system for sewer main installation between EX-SMH-22 and EX-SMH-24 shown on sht. CO7A
- 94. Not Used
- 95. Not Used

- 96. Bid Item 19100 – Install Owner Supplied Gate: Installation of City of Wilsonville furnished gate. Includes pickup of gate from 12771 SW Tooze Rd. Excludes any painting or surface finish repair. Excludes any modification of gate for installation.

97. Not Used

Contingency and Allowances:

98. Not Used

99. Not Used

100. Not Used

101. Not Used

102. Not Used

103. Not Used

104. Not Used

105. Not Used

106. Not Used

107. Not Used

108. Not Used

109. Not Used

110. Not Used

111. Not Used

112. Not Used

113. Not Used

114. Not Used

115. Not Used

116. Not Used

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Exhibit B.4

GMP 3 - Equipment Rates

Based on 11/22/2022 Equipment Watch

| Equipment | Description | GMP 3 Rate |
|------------|--|------------|
| 8AP | **ASPHALT** | |
| 8AP1 | PAVER - VOGELE 2100-2 | \$ 450.04 |
| 8AP2 | SHUTTLE BUGGY - ROADTEC 2500D | \$ 455.49 |
| 8B | **BACKHOES AND GANNONS** | |
| 8B430 | BACKHOE - CAT 430F EXT HOE | \$ 52.00 |
| 8B430H | BACKHOE - CAT 430 W H50S HOE RAM | \$ 119.99 |
| 8BGAN | GANNON - CAT 415/DEEERE 210 (40 HR/WK) | \$ 52.00 |
| 8BP | **CONCRETE BATCH PLANT** | |
| 8BP1 | BATCH PLANT - ERIE STRAYER | \$ 394.24 |
| 8BP2 | BATCH PLANT - CONECO | \$ 262.47 |
| 8BPCHILL | CONCRETE CHILLER W GEN/TANK | \$ 144.60 |
| 8BPGEN1 | GENERATOR-100KW CAT XQ125 | \$ 65.36 |
| 8BPGEN3 | GENERATOR-500 KW ERIE | \$ 266.91 |
| 8CP | **CONCRETE PAVING** | |
| 8CP2800 | CONC PAVER - GT2800 | \$ 275.30 |
| 8CP4000 | CONC PAVER - GP4000 | \$ 306.65 |
| 8CPBID | BIDWELL 4800 | \$ 257.68 |
| 8CPBM | BARRIER MACH - COMMANDER 3 | \$ 327.51 |
| 8CPC3 | CONC PAVER - COMMANDER 3 | \$ 327.51 |
| 8CPDR | EZ DRILL AND 900 COMPRESS | \$ 131.16 |
| 8CPPS | PLACER SPREADER - PS4000 | \$ 279.77 |
| 8CP RTP | PLACER - RTP 500 | \$ 259.95 |
| 8CPTIN | CURE BRIDGE - TC600 | \$ 55.62 |
| 8CPTS | TRUSS SCREED - MET FORMS INC | \$ 37.15 |
| 8CR | **CRANES** | |
| 8CR230 | 250 TN CRAWLER KOBELCO CK2500 | \$ 275.00 |
| 8CR80 | 80 TN RT RTC-8080 | \$ 140.00 |
| 8CRBT | 15T BOOM TRUCK | \$ 62.25 |
| 8D | **DOZERS** | |
| 8D5 | DOZER - D5K2 XL | \$ 110.00 |
| 8EX | **EXCAVATORS** | |
| 8EX308 | EXCAVATOR - CAT 308 | \$ 45.00 |
| 8EX323 | EXCAVATOR - CAT 323/325 | \$ 88.00 |
| 8EX336 | EXCAVATOR - CAT 336F | \$ 121.00 |
| 8EX336H | EXCAVATOR - CAT 336E W H160 HAM | \$ 185.00 |
| 8EX349 | EXCAVATOR - CAT 349F | \$ 173.00 |

| | | | |
|----------|-------------------------------------|----|--------|
| 8EX374 | EXCAVATOR - CAT 374F L | \$ | 222.00 |
| 8EXCW336 | COMPACTION WHEEL FOR 336 (40 HR/WK) | \$ | 7.00 |
| 8G | **GRADERS** | | |
| 8G14 | BLADE - CAT 14M | \$ | 193.15 |
| 8G140M | BLADE - CAT 140M | \$ | 110.00 |
| 8H | **HOISTING, FORKS,MANLIFTS** | | |
| 8HFL | TELEHANDLER - GENIE 1056 | \$ | 45.00 |
| 8HML | MANLIFT - GENIE Z45 | \$ | 41.00 |
| 8HSL | SCISSORLIFT - GENIE GS3390 | \$ | 89.69 |
| 8L | **LOADERS** | | |
| 8L938 | LOADER - CAT 938 | \$ | 62.00 |
| 8L950 | LOADER - CAT 950M | \$ | 82.00 |
| 8LSS | SKIDSTEER - CAT 272 | \$ | 52.00 |
| 8PU | **TRUCKS** | | |
| 8PU1 | PICKUP 4X2 STD CAB 1/2T | \$ | 18.23 |
| 8PU2 | FLATRACK 4X2 STD CAB 1T | \$ | 22.07 |
| 8R | **ROLLERS** | | |
| 8R66 | 66" SGL DRM VIB. - CAT CP44B | \$ | 66.00 |
| 8R84 | 84" SGL DRM VIB. - CAT CP56B | \$ | 78.00 |
| 8RRAM | RAMMAX P33 | \$ | 24.00 |
| 8S | **SCRAPERS** | | |
| 8S613 | SCRAPER - 613 | \$ | 163.65 |
| 8S623 | SCRAPER - 623H 15 BCY | \$ | 353.84 |
| 8TR | **TRAILERS** | | |
| 8TRL | LUBE TRUCK | \$ | 65.12 |
| 8TRM | MECHANIC TRUCK | \$ | 50.00 |
| 8TRT | **TRAILERS** | | |
| 8TRTL1 | TRAILER - UTILITY FARM | \$ | 7.07 |
| 8TRTL2 | TRAILER - CARGO VAN | \$ | 1.54 |
| 8W | **WATER TRUCKS, PULLS,** | | |
| 8WKLEIN | WATER TOWER - KLEIN TANK | \$ | 12.00 |
| 8WT2 | WATER TRUCK - 2K GAL | \$ | 36.00 |
| 8WT4 | WATER TRUCK - 4K GAL | \$ | 64.00 |
| 8Z | **GC/MINOR EQUIPMENT** | | |
| 8ZAIR | 185 CFM AIR COMPRESSOR | \$ | 18.00 |
| 8ZBROOM2 | SIDECAST BRROM (ROSCO) | \$ | 60.13 |
| 8ZGPS | GPS GRADE CONTROL | \$ | 25.00 |
| 8ZLP | LIGHT PLANT | \$ | 12.00 |
| 8ZWB | WATER BUFFALO | \$ | 3.63 |
| 8ZWELD2 | 400 AMP WELDER | \$ | 14.37 |
| 8ZWP4 | PUMP - 4" TRASH | \$ | 30.00 |

Notwithstanding anything to the contrary within this document, labor & equipment contained in Exhibits B.4 & B.5 have been negotiated and approved by the City of Wilsonville prior to the commencement of work and are stipulated rates.

Exhibit B.5

GMP 3 - Labor Rates

*Admin - Rates are burdened labor only

*Craft - Prevailing Wage publications applicable to this contract are the Prevailing Wage Rates for Public Works Contracts in Oregon effective January 5, 2023, the Prevailing Wage Rate Amendments effective January 11, 2023, and the October 1, 2022 PWR Apprenticeship Rates.

| Admin | |
|-----------------------------|------------|
| Description | GMP 3 Rate |
| AREA MANAGER | \$ 183.67 |
| PROJECT MANAGER | \$ 159.59 |
| PROJECT ENGINEER | \$ 95.86 |
| FIELD ENGINEER | \$ 70.36 |
| STRUCT ENGINEER | \$ 88.78 |
| PCCP ENGINEER | \$ 74.70 |
| UTILITY ENGINEER | \$ 74.70 |
| PROJECT CONTROLS/OFFICE ENG | \$ 74.70 |
| GENERAL SUPERINTENDENT | \$ 98.69 |
| UTILITY SUPERINTENDENT | \$ 88.78 |
| STRUCTURE SUPERINTENDENT | \$ 98.69 |
| PLANT SUPERINTENDENT | \$ 81.50 |
| PCCP SUPERINTENDENT | \$ 81.50 |
| SWING SHIFT SUPERINTENDENT | \$ 81.50 |
| GRADING SUPERINTENDENT | \$ 81.50 |
| SAFETY MANAGER | \$ 95.11 |
| SAFETY COORDINATOR | \$ 84.53 |
| PROJECT ANDMINISTRATOR | \$ 63.28 |
| SCHEDULER | \$ 115.53 |
| INTERNS | \$ 40.66 |
| MODELER | \$ 85.59 |

| Craft | |
|-------------------|------------|
| Description | GMP 3 Rate |
| JOURNEYMAN CARP | \$ 79.17 |
| CARPENTER PILEMAN | \$ 79.35 |
| CARPENTER FOREMAN | \$ 84.25 |
| CARPENTER WELDER | \$ 81.87 |
| ELECTRICIAN | \$ 78.36 |

Exhibit B.5

GMP 3 - Labor Rates

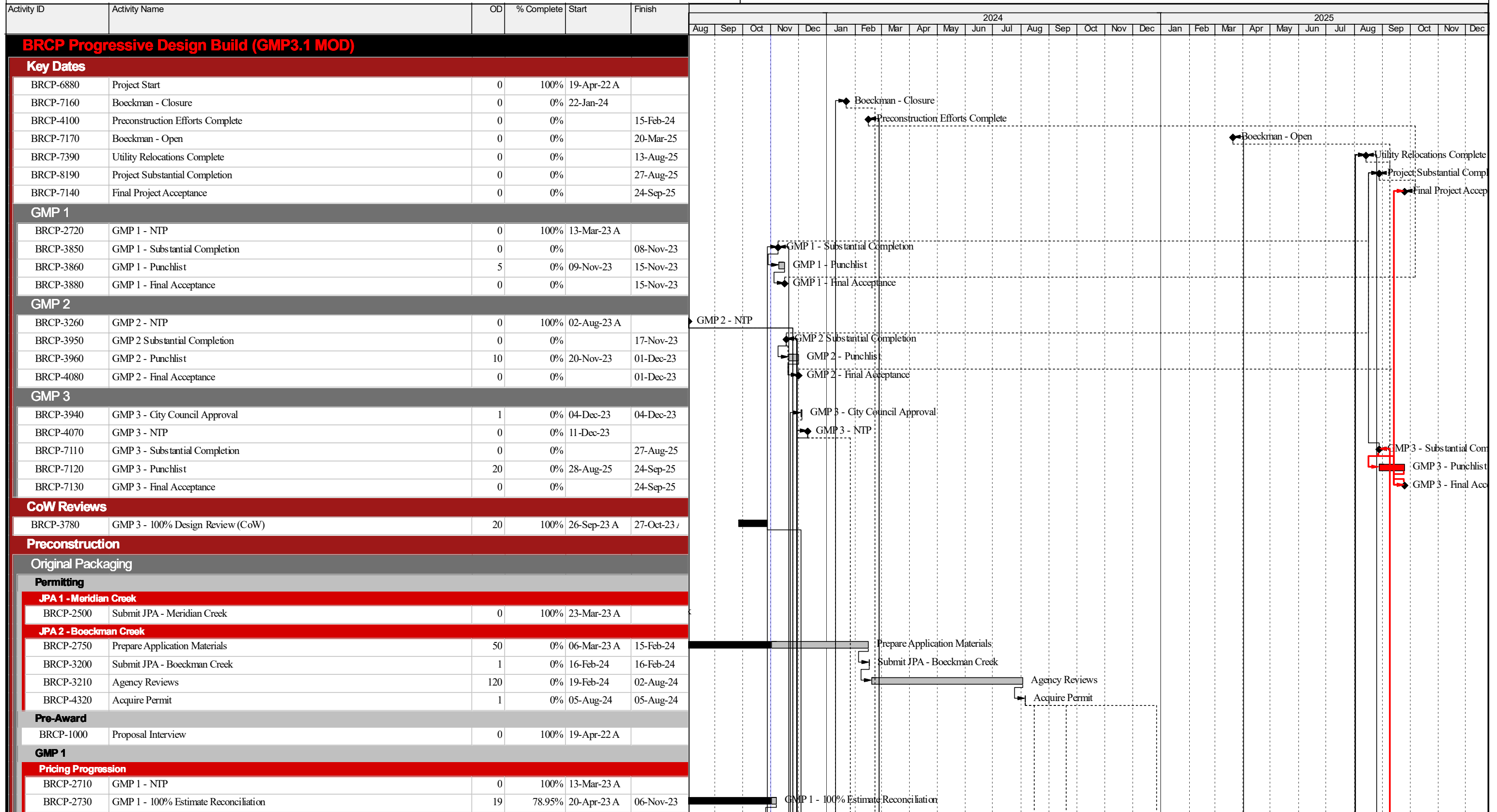
| Craft | |
|------------------------------|------------|
| Description | GMP 3 Rate |
| FINISHER 1 | \$ 78.83 |
| FINISH -MACHINES | \$ 78.83 |
| FINISHER FOREMAN | \$ 81.21 |
| PCCP FINISH HELPER | \$ 77.83 |
| PCCP FINISHER 2 | \$ 77.83 |
| PCCP FINISH FOREMAN | \$ 80.21 |
| IRONWORKER REBAR | \$ 92.97 |
| IRONWORKER STR STEEL | \$ 92.97 |
| IRONWORKER STR STEEL FOREMAN | \$ 95.35 |
| LABOR GEN,FLAG,DUMP,STRIP | \$ 57.87 |
| LABOR CONC,GUINEA,TENDER | \$ 63.35 |
| LABOR TOOL,RIGGER,PRECAST | \$ 63.35 |
| LABOR RAKER,PIPE,CHUCK | \$ 63.35 |
| LABOR LEAD,DRILL,SCALER | \$ 64.86 |
| LABOR FOREMAN | \$ 67.24 |
| PCCP DOWEL INSERTERS | \$ 63.35 |
| PCCP GEN. LAB-CLEAN UP | \$ 63.35 |
| PCCP DUMPMAN | \$ 64.86 |
| PCCP FOREMAN | \$ 67.46 |
| LABOR, PIPE - GENERAL | \$ 63.35 |
| LABOR, PIPE - TOPMAN, BACKUP | \$ 63.35 |
| LABOR, PIPE - PIPELAYER | \$ 64.86 |
| OP ROLLER, BH, FORK, 938 | \$ 79.32 |
| OP SCRAPER, 950, 966, 323 | \$ 79.32 |
| OP BLADE, D8, 336, 349, 980 | \$ 84.65 |
| OP D10, 374, 988 | \$ 84.65 |
| OP CRANE | \$ 86.92 |
| OP OILER CRANE | \$ 84.44 |
| OP FOREMAN | \$ 89.31 |
| OP GRADE CHECKER | \$ 79.32 |
| OP MECH/WELDER | \$ 84.65 |
| PCCP TEXT / CURE | \$ 79.32 |
| PCCP GROUNDMAN / LDR OPR. | \$ 79.32 |
| PCCP PAVER / PLACER OPR | \$ 84.65 |
| PCCP OPERATOR FOREMAN | \$ 87.03 |
| PILEBUCK/MARINE CARPENTER | \$ 78.95 |
| PILEBUCK FOREMAN | \$ 81.33 |
| PIPE OPERATOR FOREMAN | \$ 83.80 |
| 2/3AXLE FLATRACK/2M WATER | \$ 58.07 |
| DRIVER 4M WATER | \$ 58.07 |

Exhibit B.5

GMP 3 - Labor Rates

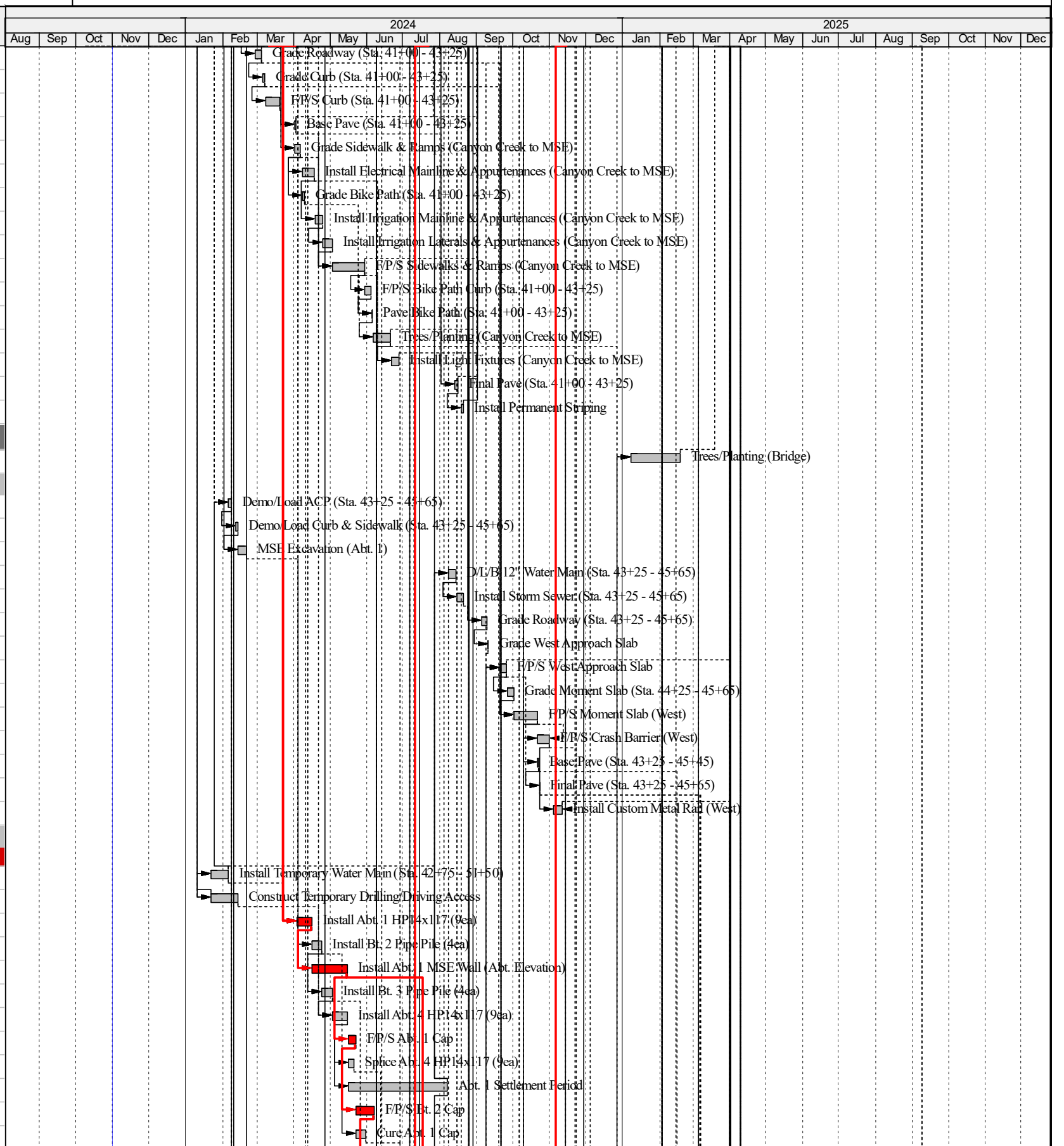
| Craft | |
|----------------------|------------|
| Description | GMP 3 Rate |
| 5AXLE DUMP/>4M WATER | \$ 74.49 |

Notwithstanding anything to the contrary within this document, labor & equipment contained in Exhibits B.4 & B.5 have been negotiated and approved by the City of Wilsonville prior to the commencement of work and are stipulated rates.



| Activity ID | Activity Name | OD | % Complete | Start | Finish | 2024 | | | | | | | | | | | | 2025 | | | | | | | | | | | | | | | | | |
|---|--|----|------------|-------------|-----------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| | | | | | | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-8120 | Parcel 18 Acquired (Schroeder) | 70 | 17.14% | 20-Jun-23 A | 19-Jan-24 | Parcel 18 Acquired (Schroeder) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-8150 | Parcel 14 Acquired (Siemens) | 70 | 17.14% | 20-Jun-23 A | 19-Jan-24 | Parcel 14 Acquired (Siemens) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-8160 | Parcel 15 Acquired (Trinh) | 70 | 17.14% | 20-Jun-23 A | 19-Jan-24 | Parcel 15 Acquired (Trinh) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-8170 | Parcel 16 Acquired (Chriss) | 70 | 17.14% | 20-Jun-23 A | 19-Jan-24 | Parcel 16 Acquired (Chriss) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Utility Conflicts/Resolution | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-2300 | Storm Conflicts (Meridian Creek) | 0 | 100% | | 04-Sep-23 | Storm Conflicts (Meridian Creek) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-1910 | Sanitary Conflicts (Sta. 51+89 - 54+52) | 0 | 0% | | 21-Dec-23 | Sanitary Conflicts (Sta. 51+89 - 54+52) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-2450 | Storm Conflicts (Sta. 41+00 - 45+50) | 0 | 0% | | 29-Dec-23 | Storm Conflicts (Sta. 41+00 - 45+50) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-2330 | JUT Conflicts (Sta. 67+50 - 75+00) | 0 | 0% | | 03-Jan-24 | JUT Conflicts (Sta. 67+50 - 75+00) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-1920 | Sanitary Conflicts (Sta. 54+52 - 58+52) | 0 | 0% | | 08-Jan-24 | Sanitary Conflicts (Sta. 54+52 - 58+52) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-1930 | Sanitary Conflicts (Sta. 58+52 - 62+52) | 0 | 0% | | 24-Jan-24 | Sanitary Conflicts (Sta. 58+52 - 62+52) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-2270 | Storm Conflicts (Sta. 48+50 - 56+00) | 0 | 0% | | 30-Jan-24 | Storm Conflicts (Sta. 48+50 - 56+00) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-2440 | Storm Conflicts (Sta. 38+00 - 41+00) | 0 | 0% | | 05-Feb-24 | Storm Conflicts (Sta. 38+00 - 41+00) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-1940 | Sanitary Conflicts (Sta. 62+52 - 66+77) | 0 | 0% | | 07-Feb-24 | Sanitary Conflicts (Sta. 62+52 - 66+77) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-2470 | JUT Conflicts (Sta. 37+00 - 42+00) | 0 | 0% | | 08-Feb-24 | JUT Conflicts (Sta. 37+00 - 42+00) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-2320 | JUT Conflicts (Sta. 56+00 - 67+50) | 0 | 0% | | 21-Feb-24 | JUT Conflicts (Sta. 56+00 - 67+50) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-1950 | Sanitary Conflicts (Sta. 66+77 - 70+27) | 0 | 0% | | 22-Feb-24 | Sanitary Conflicts (Sta. 66+77 - 70+27) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-1960 | Sanitary Conflicts (Sta. 70+27 - 73+95) | 0 | 0% | | 06-Mar-24 | Sanitary Conflicts (Sta. 70+27 - 73+95) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-2460 | Bridge Conflicts (Including Embankment) (Sta. 44+00 - 50+00) | 0 | 0% | | 11-Mar-24 | Bridge Conflicts (Including Embankment) (Sta. 44+00 - 50+00) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-1970 | Sanitary Conflicts (Sta. 73+95 - 75+83) | 0 | 0% | | 20-Mar-24 | Sanitary Conflicts (Sta. 73+95 - 75+83) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-2280 | Storm Conflicts (Sta. 60+00 - 68+00) | 0 | 0% | | 15-Apr-24 | Storm Conflicts (Sta. 60+00 - 68+00) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-2310 | JUT Conflicts (Sta. 51+00 - 56+00) | 0 | 0% | | 28-May-24 | JUT Conflicts (Sta. 51+00 - 56+00) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-2480 | JUT Conflicts (Sta. 42+00 - 45+50) | 0 | 0% | | 17-Jul-24 | JUT Conflicts (Sta. 42+00 - 45+50) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-2290 | Storm Conflicts (Sta. 73+50 - 75+75) | 0 | 0% | | 15-Aug-24 | Storm Conflicts (Sta. 73+50 - 75+75) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-2490 | JUT Conflicts (Sta. 48+50 - 51+00) | 0 | 0% | | 21-Oct-24 | JUT Conflicts (Sta. 48+50 - 51+00) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GMP 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S.W. Stafford Rd. & S.W. 65th Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-3500 | Install Luminaries, Span Wires, & Signal Heads | 8 | 100% | 14-Sep-23 A | 04-Oct-23 | Install Luminaries, Span Wires, & Signal Heads | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-4180 | Pave Access Pad | 1 | 100% | 09-Oct-23 A | 09-Oct-23 | Pave Access Pad | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-3650 | Submittal/Inspections for Activating Temp Signal by Counties | 5 | 0% | 19-Oct-23 A | 07-Nov-23 | Submittal/Inspections for Activating Temp Signal by Counties | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-3620 | Install Striping & Rumble Strips | 1 | 100% | 19-Oct-23 A | 19-Oct-23 | Install Striping & Rumble Strips | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-7800 | Install Signage | 5 | 0% | 01-Nov-23 | 07-Nov-23 | Install Signage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-3840 | Commission Temp Signal | 1 | 0% | 08-Nov-23 | 08-Nov-23 | Commission Temp Signal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GMP 2.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| House Demolition Scope | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-3970 | Procure Demolition Permits | 50 | 100% | 03-Aug-23 A | 10-Oct-23 | Procure Demolition Permits | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-3530 | Disconnect Electrical Meter/Cabinet/Transformer | 1 | 100% | 04-Oct-23 A | 11-Oct-23 | Disconnect Electrical Meter/Cabinet/Transformer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-3700 | Demo Existing House & Foundations | 5 | 0% | 24-Oct-23 A | 08-Nov-23 | Demo Existing House & Foundations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-3600 | Disconnect Misc. Utility Connections | 1 | 100% | 24-Oct-23 A | 24-Oct-23 | Disconnect Misc. Utility Connections | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-3630 | Decommission Septic Tank | 5 | 100% | 26-Oct-23 A | 27-Oct-23 | Decommission Septic Tank | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-3560 | Isolate & Disconnect Water Meter | 1 | 100% | 01-Nov-23 A | 01-Nov-23 | Isolate & Disconnect Water Meter | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-4840 | Tree Clearing - House Site | 5 | 0% | 01-Nov-23 | 07-Nov-23 | Tree Clearing - House Site | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-3660 | Decommission Well | 2 | 0% | 09-Nov-23 | 10-Nov-23 | Decommission Well | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-7790 | Stabilize House Site | 5 | 0% | 13-Nov-23 | 17-Nov-23 | Stabilize House Site | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Meridian Creek Scope | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| North | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | OD | % Complete | Start | Finish | 2024 | | | | | | | | | | | | 2025 | | | | | | | | | | | | |
|------------------------------------|---|----|------------|-----------|-----------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | | | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug |
| BRCP-6410 | Grade Roadway (Sta. 41+00 - 43+25) | 4 | 0% | 28-Feb-24 | 04-Mar-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-6440 | Grade Curb (Sta. 41+00 - 43+25) | 3 | 0% | 05-Mar-24 | 07-Mar-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-6450 | F/P/S Curb (Sta. 41+00 - 43+25) | 7 | 0% | 08-Mar-24 | 19-Mar-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-6540 | Base Pave (Sta. 41+00 - 43+25) | 2 | 0% | 01-Apr-24 | 02-Apr-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-6460 | Grade Sidewalk & Ramps (Canyon Creek to MSE) | 5 | 0% | 01-Apr-24 | 05-Apr-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-6510 | Install Electrical Mainline & Appurtenances (Canyon Creek to MSE) | 7 | 0% | 08-Apr-24 | 17-Apr-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-9410 | Grade Bike Path (Sta. 41+00 - 43+25) | 2 | 0% | 08-Apr-24 | 09-Apr-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-6580 | Install Irrigation Mainline & Appurtenances (Canyon Creek to MSE) | 5 | 0% | 18-Apr-24 | 24-Apr-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-6590 | Install Irrigation Laterals & Appurtenances (Canyon Creek to MSE) | 5 | 0% | 25-Apr-24 | 02-May-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-6620 | F/P/S Sidewalks & Ramps (Canyon Creek to MSE) | 17 | 0% | 03-May-24 | 29-May-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-9430 | F/P/S Bike Path Curb (Sta. 41+00 - 43+25) | 4 | 0% | 30-May-24 | 04-Jun-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-9420 | Pave Bike Path (Sta. 41+00 - 43+25) | 1 | 0% | 05-Jun-24 | 05-Jun-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-6680 | Trees/Planting (Canyon Creek to MSE) | 10 | 0% | 06-Jun-24 | 20-Jun-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-6800 | Install Light Fixtures (Canyon Creek to MSE) | 5 | 0% | 21-Jun-24 | 27-Jun-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-6920 | Final Pave (Sta. 41+00 - 43+25) | 5 | 0% | 13-Aug-24 | 16-Aug-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-7070 | Install Permanent Striping | 2 | 0% | 19-Aug-24 | 20-Aug-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bridge (Sta. 43+25 - 51+25) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-7090 | Trees/Planting (Bridge) | 25 | 0% | 08-Jan-25 | 18-Feb-25 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Roadway Improvements (West) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-8330 | Demo/Load ACP (Sta. 43+25 - 45+65) | 3 | 0% | 06-Feb-24 | 08-Feb-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-8340 | Demo/Load Curb & Sidewalk (Sta. 43+25 - 45+65) | 2 | 0% | 12-Feb-24 | 13-Feb-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-8350 | MSE Excavation (Abt. 1) | 5 | 0% | 14-Feb-24 | 20-Feb-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-6180 | D/L/B 12" Water Main (Sta. 43+25 - 45+65) | 5 | 0% | 08-Aug-24 | 14-Aug-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-6320 | Install Storm Sewer (Sta. 43+25 - 45+65) | 4 | 0% | 15-Aug-24 | 20-Aug-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-8200 | Grade Roadway (Sta. 43+25 - 45+65) | 3 | 0% | 05-Sep-24 | 09-Sep-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-8240 | Grade West Approach Slab | 1 | 0% | 10-Sep-24 | 10-Sep-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-6430 | F/P/S West Approach Slab | 4 | 0% | 20-Sep-24 | 25-Sep-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-8230 | Grade Moment Slab (Sta. 44+25 - 45+65) | 3 | 0% | 26-Sep-24 | 01-Oct-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-7730 | F/P/S Moment Slab (West) | 13 | 0% | 02-Oct-24 | 21-Oct-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-7750 | F/P/S Crash Barrier (West) | 7 | 0% | 22-Oct-24 | 31-Oct-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-6400 | Base Pave (Sta. 43+25 - 45+45) | 1 | 0% | 22-Oct-24 | 22-Oct-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-6530 | Final Pave (Sta. 43+25 - 45+65) | 1 | 0% | 23-Oct-24 | 23-Oct-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-7770 | Install Custom Metal Rail (West) | 5 | 0% | 04-Nov-24 | 11-Nov-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Structure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Substructure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-4380 | Install Temporary Water Main (Sta. 42+75 - 51+50) | 10 | 0% | 22-Jan-24 | 05-Feb-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-4400 | Construct Temporary Drilling/Driving Access | 15 | 0% | 22-Jan-24 | 13-Feb-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-4660 | Install Abt. 1 HP14x117 (9ea) | 8 | 0% | 03-Apr-24 | 15-Apr-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-4870 | Install Bt. 2 Pipe Pile (4ea) | 6 | 0% | 16-Apr-24 | 23-Apr-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-4880 | Install Abt. 1 MSE Wall (Abt. Elevation) | 20 | 0% | 16-Apr-24 | 15-May-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-5040 | Install Bt. 3 Pipe Pile (4ea) | 6 | 0% | 24-Apr-24 | 02-May-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-5190 | Install Abt. 4 HP14x117 (9ea) | 8 | 0% | 03-May-24 | 15-May-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-5300 | F/P/S Abt. 1 Cap | 5 | 0% | 16-May-24 | 22-May-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-5310 | Splice Abt. 4 HP14x117 (9ea) | 3 | 0% | 16-May-24 | 20-May-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-5320 | Abt. 1 Settlement Period | 60 | 0% | 16-May-24 | 07-Aug-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-5400 | F/P/S Bt. 2 Cap | 10 | 0% | 23-May-24 | 06-Jun-24 | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRCP-5410 | Cure Abt. 1 Cap | 5 | 0% | 23-May-24 | 30-May-24 | | | | | | | | | | | | | | | | | | | | | | | | | |



**Boeckman Road Corridor Project
Exhibit B.7 – Permitting Plan**

GMP 3 – 90% Round-A-Bout, Bridge, Sewer, and East Road Improvements

Permits required for construction of GMP 3 will be coordinated and applied for by TSJV & KPFF. The City of Wilsonville will directly pay for all fees associated with permits required for GMP 3.

Boeckman Road Corridor Project Exhibit B.8 – Right of Way Acquisition Plan

GMP 3 – 90% Round-A-Bout, Bridge, Sewer, and East Road Improvements

All right-of-way, temporary construction easements, and permanent utility easements will be acquired by the City of Wilsonville. Tapani | Sundt and KPFF will coordinate with the City of Wilsonville on limits and timelines for required acquisitions. Established acquisition needs for GMP 3 are as follows:

The following Right of Way acquisition have been identified for construction of GMP 3:

- **Parcel 1** – 3 1 W 12DD 00300
 - City Council approval: February 23, 2023
 - Required for Construction: January 19, 2024
- **Parcel 9** – 3 1 W 12DC 04500
 - City Council approval: February 23, 2023
 - Required for Construction: January 19, 2024
- **Parcel 13** – 3 1 W 12D 03200
 - City Council approval: June 19, 2023
 - Required for Construction: January 19, 2024
- **Parcel 14** – 3 1 W 12 00501
 - City Council approval: June 19, 2023
 - Required for Construction: January 19, 2024
- **Parcel 15** – 3 1 W 13B 02501
 - City Council approval: June 19, 2023
 - Required for Construction: January 19, 2024
- **Parcel 16** – 3 1 W 13B 02401
 - City Council approval: June 19, 2023
 - Required for Construction: January 19, 2024
- **Parcel 18** – 3 1 W 13B 00301
 - City Council approval: June 19, 2023
 - Required for Construction: January 19, 2024
- **Parcel 19** – 3 1 W 13B 00200
 - City Council approval: April 17, 2023
 - Required for Construction: January 19, 2024
- **Parcel 23** – 3 1 W 13AB 15400
 - City Council approval: April 17, 2023
 - Required for Construction: February 9, 2024
- **Parcel 24** – 3 1 W 13AB 15300
 - City Council approval: April 17, 2023
 - Required for Construction: February 9, 2024
- **Parcel 31** – 3 1 W 12DD 00400
 - City Council approval: February 23, 2023

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- Required for Construction:

The following Temporary Construction Easements (TCE) have been identified for construction of GMP 3:

- **Parcel 1** – 3 1 W 12DD 00300
 - City Council approval: February 23, 2023
 - Required for Construction: January 19, 2024
- **Parcel 2** – 3 1 W 12DD 05900
 - City Council approval: February 23, 2023
 - Required for Construction: January 19, 2024
- **Parcel 3** – 3 1 W 12DD 05800
 - City Council approval: April 17, 2023
 - Required for Construction: January 19, 2024
- **Parcel 5** – 3 1 W 12DD 01600
 - City Council approval: April 17, 2023
 - Required for Construction: January 19, 2024
- **Parcel 6** – 3 1 W 12DD 01600
 - City Council approval: April 17, 2023
 - Required for Construction: January 19, 2024
- **Parcel 12** – 3 1 W 12D 03300
 - City Council approval: May 15, 2023
 - Required for Construction: January 19, 2024
- **Parcel 13** – 3 1 W 12D 03200
 - City Council approval: June 19, 2023
 - Required for Construction: January 19, 2024
- **Parcel 14** – 3 1 W 12 00501
 - City Council approval: June 19, 2023
 - Required for Construction: January 19, 2024
- **Parcel 16** – 3 1 W 13B 02401
 - City Council approval: June 19, 2023
 - Required for Construction: January 19, 2024
- **Parcel 18** – 3 1 W 13B 00301
 - City Council approval: June 19, 2023
 - Required for Construction: January 19, 2024
- **Parcel 19** – 3 1 W 13B 00200
 - City Council approval: April 17, 2023
 - Required for Construction: January 19, 2024
- **Parcel 23** – 3 1 W 13AB 15400
 - City Council approval: April 17, 2023
 - Required for Construction: February 9, 2024
- **Parcel 24** – 3 1 W 13AB 15300
 - City Council approval: April 17, 2023
 - Required for Construction: February 9, 2024

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- **Parcel 27** – 3 1 W 13AA 18701
 - City Council approval April 17, 2023
 - Required for Construction: January 19, 2024
- **Parcel 28** – 3 1 W 13AA 18700
 - City Council approval: April 17, 2023
 - Required for Construction: February 9, 2024

The following Permanent Utility Easements (PUE) have been identified for construction of GMP 3:

- **Parcel 1** – 3 1 W 12DD 00300
 - City Council approval: February 23, 2023
 - Required for Construction: January 19, 2024
- **Parcel 9** – 3 1 W 12DC 04500
 - City Council approval: February 23, 2023
 - Required for Construction: January 19, 2024
- **Parcel 12** – 3 1 W 12D 03300
 - City Council approval: May 15, 2023
 - Required for Construction: January 19, 2024
- **Parcel 13** – 3 1 W 12D 03200
 - City Council approval: June 19, 2023
 - Required for Construction: January 19, 2024
- **Parcel 14** – 3 1 W 12 00501
 - City Council approval: June 19, 2023
 - Required for Construction: January 19, 2024
- **Parcel 15** – 3 1 W 13B 02501
 - City Council approval: June 19, 2023
 - Required for Construction: January 19, 2024
- **Parcel 16** – 3 1 W 13B 02401
 - City Council approval: June 19, 2023
 - Required for Construction: January 19, 2024
- **Parcel 31** – 3 1 W 12DD 00400
 - City Council approval: February 23, 2023
 - Required for Construction: January 19, 2024

Exhibit C.1

Construction Proposal: Key Personnel

City of Wilsonville - Boeckman Road Corridor Project

GMP 3 – Round-A-Bout, Bridge, Sewer, and East Road Improvements

Key Personnel:

- Ken Kubacki – Construction Project Principal
- Ryan Silbernagel – Construction Project Manager
- Todd Honore – Construction Superintendent
- Briana De Kalb – Construction Project Engineer
- Josh Smith – Structure Superintendent

Subcontractors & Suppliers: See Exhibit C.5

Exhibit C.2

Construction Proposal:

Preliminary Construction Document List

City of Wilsonville - Boeckman Road Corridor Project

GMP 3 – 90% Round-A-Bout, Bridge, Sewer, and East Road Improvements

DRAWINGS – 90% GMP 3 Set (Round-A-Bout, Bridge, Sewer, and East Road Improvements) Plot Date: 07/30/2023

| SHEET COUNT | Sheet Number | Sheet Title |
|-------------|--------------|---|
| 1 | A01 | COVER SHEET |
| 2 | A02 | SHEET INDEX |
| 3 | A03 | ABBREVIATIONS AND LEGEND |
| 4 | A04 | CONSTRUCTION NOTES |
| 5 | AB01 | STRUCTURE TABLES, NOTES, AND CONTROL POINTS |
| 6 | AB02 | EXISTING CONDITIONS PLAN |
| 7 | AB03 | EXISTING CONDITIONS PLAN |
| 8 | AB04 | EXISTING CONDITIONS PLAN |
| 9 | AB05 | EXISTING CONDITIONS PLAN |
| 10 | AB06 | EXISTING CONDITIONS PLAN |
| 11 | AB07 | EXISTING CONDITIONS PLAN |
| 12 | AB08 | EXISTING CONDITIONS PLAN |
| 13 | AB09 | EXISTING CONDITIONS PLAN |
| 14 | AB10 | EXISTING CONDITIONS PLAN |
| 15 | AB11 | EXISTING CONDITIONS PLAN |

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| 16 | AB12 | EXISTING CONDITIONS PLAN |
| 17 | AB13 | EXISTING CONDITIONS PLAN |
| 18 | AB14 | EXISTING CONDITIONS PLAN |
| 19 | AC01 | HORIZONTAL CONTROL PLAN |
| 20 | AC02 | HORIZONTAL CONTROL PLAN |
| 21 | AC03 | HORIZONTAL CONTROL PLAN |
| 22 | AC04 | HORIZONTAL CONTROL PLAN |
| 23 | AC05 | VERTICAL CONTROL PLAN |
| 24 | AC06 | VERTICAL CONTROL PLAN |
| 25 | AE01 | DEMOLITION PLAN |
| 26 | AE02 | DEMOLITION PLAN |
| 27 | AE03 | DEMOLITION PLAN |
| 28 | AE04 | DEMOLITION PLAN |
| 29 | AE05 | DEMOLITION PLAN |
| 30 | AE06 | DEMOLITION PLAN |

| | | |
|----|------|----------------------------------|
| 31 | AE07 | DEMOLITION PLAN |
| 32 | AE08 | DEMOLITION PLAN |
| 33 | AE09 | DEMOLITION PLAN |
| 34 | AE10 | DEMOLITION PLAN |
| 35 | AE11 | DEMOLITION PLAN |
| 36 | AE12 | DEMOLITION PLAN |
| 37 | AE13 | DEMOLITION PLAN |
| 38 | AE14 | DEMOLITION PLAN |
| 39 | AE15 | DEMOLITION PLAN |
| 40 | AF01 | TREE PROTECTION AND REMOVAL PLAN |
| 41 | AF02 | TREE PROTECTION AND REMOVAL PLAN |
| 42 | AF03 | TREE PROTECTION AND REMOVAL PLAN |
| 43 | AF04 | TREE PROTECTION AND REMOVAL PLAN |
| 44 | AF05 | TREE PROTECTION AND REMOVAL PLAN |
| 45 | AF06 | TREE PROTECTION AND REMOVAL PLAN |

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|----|------|-----------------------------------|
| 46 | AF07 | TREE PROTECTION AND REMOVAL PLAN |
| 47 | AF08 | TREE PROTECTION AND REMOVAL PLAN |
| 48 | AF09 | TREE PROTECTION AND REMOVAL PLAN |
| 49 | AF10 | TREE PROTECTION AND REMOVAL PLAN |
| 50 | AF11 | TREE PROTECTION AND REMOVAL PLAN |
| 51 | AF12 | TREE PROTECTION AND REMOVAL PLAN |
| 52 | AF13 | TREE PROTECTION AND REMOVAL PLAN |
| 53 | AF14 | TREE PROTECTION AND REMOVAL PLAN |
| 54 | AF15 | TREE PROTECTION AND REMOVAL PLAN |
| 55 | AF16 | EXISTING TREE INVENTORY |
| 56 | AF17 | EXISTING TREE INVENTORY |
| 57 | AF18 | EXISTING TREE INVENTORY |
| 58 | AF19 | TREE PROTECTION DETAILS AND NOTES |
| 59 | AG01 | UTILITY RELOCATION PLAN |
| 60 | AG02 | UTILITY RELOCATION PLAN |

| | | |
|----|------|-------------------------|
| 61 | AG03 | UTILITY RELOCATION PLAN |
| 62 | AG04 | UTILITY RELOCATION PLAN |
| 63 | AG05 | UTILITY RELOCATION PLAN |
| 64 | AG06 | UTILITY RELOCATION PLAN |
| 65 | AG07 | UTILITY RELOCATION PLAN |
| 66 | BA01 | TYPICAL SECTIONS |
| 67 | BA02 | TYPICAL SECTIONS |
| 68 | BA03 | TYPICAL SECTIONS |
| 69 | BA04 | TYPICAL SECTIONS |
| 70 | BA05 | TYPICAL SECTIONS |
| 71 | BA06 | TYPICAL SECTIONS |
| 72 | BA07 | TYPICAL SECTIONS |
| 73 | BA08 | TYPICAL SECTIONS |
| 74 | BA09 | TYPICAL SECTIONS |
| 75 | BA10 | TYPICAL SECTIONS |

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|----|------|---------------------------|
| 76 | BA11 | TYPICAL SECTIONS |
| 77 | BA12 | TYPICAL SECTIONS |
| 78 | BA13 | TYPICAL SECTIONS |
| 79 | BA14 | TYPICAL SECTIONS |
| 80 | BA15 | TYPICAL SECTIONS |
| 81 | BB01 | DETAILS |
| 82 | BB02 | DETAILS |
| 83 | BB03 | DETAILS |
| 84 | BB04 | CONCRETE JOINTING |
| 85 | BB05 | CONCRETE JOINTING |
| 86 | BB06 | CONCRETE JOINTING |
| 87 | BB07 | CONCRETE JOINTING |
| 88 | BB08 | CONCRETE JOINTING DETAILS |
| 89 | BB09 | ROUNDAABOUT GRADING |
| 90 | BB10 | ROUNDAABOUT GRADING |

| | | |
|-----|------|----------------------------|
| 91 | BB11 | ROUNDAABOUT GRADING |
| 92 | BB12 | ROUNDAABOUT GRADING |
| 93 | BC01 | DETAILED CURB RAMP GRADING |
| 94 | BC02 | DETAILED CURB RAMP GRADING |
| 95 | BC03 | DETAILED CURB RAMP GRADING |
| 96 | BC04 | DETAILED CURB RAMP GRADING |
| 97 | BC05 | DETAILED BIKE RAMP GRADING |
| 98 | BC06 | DETAILED BIKE RAMP GRADING |
| 99 | BC07 | DETAILED BIKE RAMP GRADING |
| 100 | BC08 | DETAILED BIKE RAMP GRADING |
| 101 | BC09 | CURB RAMP DETAILS |
| 102 | BC10 | CURB RAMP DETAILS |
| 103 | BC11 | CURB RAMP DETAILS |
| 104 | BC12 | CURB RAMP DETAILS |
| 105 | BC13 | CURB RAMP DETAILS |

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| 106 | BC14 | CURB RAMP DETAILS |
| 107 | BD01 | DRIVEWAY DETAILS |
| 108 | BD02 | DRIVEWAY DETAILS |
| 109 | BD03 | DRIVEWAY DETAILS |
| 110 | BD04 | DRIVEWAY DETAILS |
| 111 | BD05 | DRIVEWAY DETAILS |
| 112 | BD06 | DRIVEWAY DETAILS |
| 113 | BD07 | DRIVEWAY DETAILS |
| 114 | BD08 | DRIVEWAY DETAILS |
| 115 | BD09 | DRIVEWAY DETAILS |
| 116 | BD10 | DRIVEWAY DETAILS |
| 117 | BD11 | GRADING DETAILS |
| 118 | BD12 | GRADING DETAILS |
| 119 | BD13 | GRADING DETAILS |
| 120 | BD14 | GRADING DETAILS |

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| 121 | BD15 | GRADING DETAILS |
| 122 | BE01 | DRAINAGE DETAILS |
| 123 | BE02 | DRAINAGE DETAILS |
| 124 | BE03 | DRAINAGE DETAILS |
| 125 | BE04 | DRAINAGE DETAILS |
| 126 | BE05 | DRAINAGE DETAILS |
| 127 | BE06 | DRAINAGE DETAILS |
| 128 | BE07 | DRAINAGE DETAILS |
| 129 | BE08 | TYPICAL STORM PLANTER DETAIL |
| 130 | BE09 | TYPICAL STORM SWALE DETAIL |
| 131 | BE10 | DRAINAGE DETAILS |
| 132 | BE11 | DRAINAGE DETAILS |
| 133 | BE12 | DRAINAGE DETAILS |
| 134 | BF01 | UTILITY-DETAILS |
| 135 | BG01 | MAINTENANCE ROAD SITE SECTIONS |

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| 136 | BG02 | MAINTENANCE ROAD SITE SECTIONS |
| 137 | BG03 | CREEK CHANNEL SITE SECTIONS |
| 138 | BG04 | CREEK CHANNEL SITE SECTIONS |
| 139 | C01 | CONSTRUCTION PLAN |
| 140 | C01B | PROFILE |
| 141 | C02 | CONSTRUCTION PLAN |
| 142 | C02A | UTILITY PLAN |
| 143 | C02B | PROFILE |
| 144 | C02C | PROFILE - UTILITIES |
| 145 | C03 | CONSTRUCTION PLAN |
| 146 | C03A | UTILITY PLAN |
| 147 | C03B | PROFILE |
| 148 | C04 | CONSTRUCTION PLAN |
| 149 | C04A | UTILITY PLAN |
| 150 | C04B | PROFILE |

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| 151 | C05 | CONSTRUCTION PLAN |
| 152 | C05A | UTILITY PLAN |
| 153 | C05B | PROFILE - STREET AND STORM |
| 154 | C05C | PROFILE - WATER AND SEWER |
| 155 | C06 | CONSTRUCTION PLAN (BOECKMAN ROAD IMPROVEMENTS) |
| 156 | C06A | UTILITY PLAN |
| 157 | C06B | PROFILE - STREET AND STORM |
| 158 | C06C | PROFILE - WATER AND SEWER |
| 159 | C07 | CONSTRUCTION PLAN (MAINTENANCE ROAD AND REGIONAL TRAIL) |
| 160 | C07A | UTILITY PLAN |
| 161 | C07B | PROFILE - STREET AND STORM |
| 162 | C07C | PROFILE - WATER AND SEWER |
| 163 | C07D | GRADING PLAN |
| 164 | C08 | CONSTRUCTION PLAN (MAINTENANCE ROAD AND REGIONAL TRAIL) |
| 165 | C08A | UTILITY PLAN |

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| 166 | C08B | PROFILE - STREET AND STORM |
| 167 | C08D | GRADING PLAN |
| 168 | C09 | CONSTRUCTION PLAN |
| 169 | C09A | UTILITY PLAN |
| 170 | C09B | PROFILE - STREET AND STORM |
| 171 | C09C | PROFILE - WATER AND SEWER |
| 172 | C09D | GRADING PLAN |
| 173 | C10 | CONSTRUCTION PLAN |
| 174 | C10A | UTILITY PLAN |
| 175 | C10B | PROFILE - STREET AND STORM |
| 176 | C10C | PROFILE - WATER AND SEWER |
| 177 | C11 | CONSTRUCTION PLAN |
| 178 | C11A | UTILITY PLAN |
| 179 | C11B | PROFILE - STREET AND STORM |
| 180 | C11C | PROFILE - WATER AND SEWER |

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| 181 | C12 | CONSTRUCTION PLAN |
| 182 | C12A | UTILITY PLAN |
| 183 | C12B | PROFILE - STREET AND STORM |
| 184 | C12C | PROFILE - WATER AND SEWER |
| 185 | C13 | CONSTRUCTION PLAN |
| 186 | C13A | UTILITY PLAN |
| 187 | C13B | PROFILE - STREET AND STORM |
| 188 | C13C | PROFILE - WATER AND SEWER |
| 189 | C14 | CONSTRUCTION PLAN |
| 190 | C14A | UTILITY PLAN |
| 191 | C14B | PROFILE - STREET AND STORM |
| 192 | C14C | PROFILE - WATER AND SEWER |
| 193 | C15 | CONSTRUCTION PLAN |
| 194 | C15A | UTILITY PLAN |
| 195 | C15B | PROFILE - STREET AND STORM |

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| 196 | C15C | PROFILE - WATER AND SEWER |
| 197 | FA01 | IRRIGATION PLAN |
| 198 | FA02 | IRRIGATION PLAN |
| 199 | FA03 | IRRIGATION PLAN |
| 200 | FA04 | IRRIGATION PLAN |
| 201 | FA05 | IRRIGATION PLAN |
| 202 | FA06 | IRRIGATION PLAN |
| 203 | FA07 | IRRIGATION PLAN |
| 204 | FA08 | IRRIGATION PLAN |
| 205 | FA09 | IRRIGATION PLAN |
| 206 | FA10 | IRRIGATION PLAN |
| 207 | FA11 | IRRIGATION PLAN |
| 208 | FA12 | IRRIGATION PLAN |
| 209 | FA13 | IRRIGATION PLAN |
| 210 | FA14 | IRRIGATION PLAN |

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| 211 | FA15 | IRRIGATION PLAN |
| 212 | FA16 | IRRIGATION LEGEND AND DETAILS |
| 213 | FA17 | IRRIGATION DETAILS |
| 214 | FA18 | IRRIGATION DETAILS |
| 215 | FA01A | PLANTING PLAN |
| 216 | FA02A | PLANTING PLAN |
| 217 | FA03A | PLANTING PLAN |
| 218 | FA04A | PLANTING PLAN |
| 219 | FA05A | PLANTING PLAN |
| 220 | FA06A | PLANTING PLAN |
| 221 | FA07A | PLANTING PLAN |

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| 222 | FA08A | PLANTING PLAN |
| 223 | FA09A | PLANTING PLAN |
| 224 | FA10A | PLANTING PLAN |
| 225 | FA11A | PLANTING PLAN |
| 226 | FA12A | PLANTING PLAN |
| 227 | FA13A | PLANTING PLAN |
| 228 | FA14A | PLANTING PLAN |
| 229 | FA15A | PLANTING PLAN |
| 230 | FA16A | PLANTING LEGENDS AND NOTES |
| 231 | FA17A | PLANTING LEGENDS AND NOTES |
| 232 | FA18A | PLANTING DETAILS |
| 233 | FA19A | PLANTING DETAILS |
| 234 | FA20A | PLANTING DETAILS |
| 235 | FA05B | MATERIALS PLAN |
| 236 | FA06B | MATERIALS PLAN |
| 237 | FA08B | MATERIALS PLAN |

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| 238 | FA09B | MATERIALS PLAN |
| 239 | FA10B | MATERIALS PLAN |
| 240 | FA11B | MATERIALS PLAN |
| 241 | FA12B | MATERIALS PLAN |
| 242 | FA16B | SITE DETAILS |
| 243 | FB01 | EROSION AND SEDIMENT CONTROL COVER SHEET |
| 244 | FB02 | EROSION AND SEDIMENT CONTROL GENERAL NOTES |
| 245 | FB03 | EROSION AND SEDIMENT CONTROL PLAN |
| 246 | FB04 | EROSION AND SEDIMENT CONTROL PLAN |
| 247 | FB05 | EROSION AND SEDIMENT CONTROL PLAN |
| 248 | FB06 | EROSION AND SEDIMENT CONTROL PLAN |
| 249 | FB07 | EROSION AND SEDIMENT CONTROL SEDIMENTATION POND |
| 250 | FB08 | EROSION AND SEDIMENT CONTROL DETAILS |
| 251 | FB09 | EROSION AND SEDIMENT CONTROL DETAILS |
| 252 | EA01 | DETOUR PLANS |

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| 253 | EA02 | DETOUR PLANS |
| 254 | EB01 | EAST CORRIDOR, STAGE 1 |
| 255 | EB02 | EAST CORRIDOR, STAGE 1 |
| 256 | EB03 | EAST CORRIDOR, STAGE 2 |
| 257 | EB04 | EAST CORRIDOR, STAGE 2 |
| 258 | EB05 | EAST CORRIDOR, STAGE 3 |
| 259 | EB06 | EAST CORRIDOR, STAGE 3 |
| 260 | EB07 | EAST CORRIDOR, STAGE 4 |
| 261 | EB08 | EAST CORRIDOR, STAGE 4 |
| 262 | EB09 | EAST CORRIDOR, STAGE 5 |
| 263 | EB10 | EAST CORRIDOR, STAGE 5 |
| 264 | EB11 | EAST CORRIDOR, STAGE 6 |
| 265 | EB12 | EAST CORRIDOR, STAGE 6 |
| 266 | EB13 | EAST CORRIDOR, STAGE 6 |
| 267 | EB14 | EAST CORRIDOR, STAGE 7 |

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| 268 | EB15 | EAST CORRIDOR, STAGE 7 |
| 269 | EB16 | EAST CORRIDOR, STAGE 7 |
| 270 | EB17 | EAST CORRIDOR, STAGE 8 |
| 271 | EB18 | EAST CORRIDOR, STAGE 8 |
| 272 | EC01 | ROUNDABOUT, STAGE 1 |
| 273 | EC02 | ROUNDABOUT, STAGE 1 |
| 274 | EC03 | ROUNDABOUT, STAGE 2 |
| 275 | EC04 | ROUNDABOUT, STAGE 2 |
| 276 | EC05 | ROUNDABOUT, STAGE 3 |
| 277 | EC06 | ROUNDABOUT, STAGE 3 |
| 278 | EC07 | ROUNDABOUT, STAGE 4 |
| 279 | EC08 | ROUNDABOUT, STAGE 4 |
| 280 | EC09 | ROUNDABOUT, STAGE 5 |
| 281 | EC10 | ROUNDABOUT, STAGE 5 |
| 282 | HF001 | CREEK PLAN |

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| 283 | HF002 | CREEK PROFILE AND SECTIONS |
| 284 | HF003 | CREEK SECTIONS |
| 285 | HF004 | LOG STRUCTURE DETAILS |
| 286 | HF005 | CREEK DETAILS |
| 287 | HF006 | STORMWATER DITCH DETAILS |
| 288 | HF007 | TEMPORARY WATER MANAGEMENT AND EROSION CONTROL PLAN |
| 289 | HF008 | NOTES |
| 290 | HF009 | NOTES |
| 291 | J-001 | PLAN AND ELEVATION |

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| 292 | J-002 | GENERAL NOTES |
| 293 | J-003 | FOUNDATION DATA |
| 294 | J-004 | FOUNDATION DATA |
| 295 | J-101 | FOUNDATION PLAN |
| 296 | J-110 | BENT 1 PLANS |
| 297 | J-111 | BENT 1 ELEVATIONS |
| 298 | J-112 | END BENT DETAILS |
| 299 | J-120 | BENT 2 PLANS |
| 300 | J-121 | BENT 2 ELEVATIONS |
| 301 | J-122 | INTERMEDIATE BENT DETAILS |
| 302 | J-130 | BENT 3 PLANS |
| 303 | J-131 | BENT 3 ELEVATIONS |
| 304 | J-140 | BENT 4 PLANS |
| 305 | J-141 | BENT 4 ELEVATIONS |
| 306 | J-151 | CUSTOM BRIDGE RAIL |
| 307 | J-152 | LIGHTPOLE REINFORCING |

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| 308 | J-153 | UTILITY BLOCKOUT DETAILS AT BENTS |
| 309 | J-200 | DECK PLAN |
| 310 | J-201 | MODIFIED BULB-T GIRDER DETAILS |
| 311 | J-202 | PRESTRESSED GIRDER DETAILS |
| 312 | J-203 | GIRDER SCHEDULE |
| 313 | J-204 | DECK SIDEWALK DETAILS |
| 314 | J-205 | BEARING PAD DETAILS |
| 315 | J-220 | DECK REINFORCING PLAN |
| 316 | J-221 | DIAPHRAGM DETAILS |
| 317 | J-222 | UTILITY DETAILS |
| 318 | J-223 | MOMENT SLEEP SLAB DETAILS |
| 319 | J-300 | MSE WALL NOTES AND DESIGN REQUIREMENTS |
| 320 | J-301 | MSE WALL PLAN AND SECTION |
| 321 | J-302 | MSE WALL SECTIONS AT BENT 1 |
| 322 | J-303 | MSE WALL SECTION AT BENT 4 |
| 323 | J-304 | MSE WALL SECTIONS AT BENT 4 |
| 324 | J-310 | MSE WALL PLAN AT BENT 1 |
| 325 | J-311 | ELEVATION OF MSE WALL 1 |
| 326 | J-312 | ELEVATION OF MSE WALL 2 |
| 327 | J-313 | ELEVATION OF MSE WALL 3 |
| 328 | J-340 | MSE WALL PLAN AT BENT 4 |
| 329 | J-341 | ELEVATION OF MSE WALL 4 |
| 330 | J-342 | ELEVATION OF MSE WALL 5 |
| 331 | J-343 | ELEVATION OF MSE WALL 6 |
| 332 | J-344 | DETAILS |
| 333 | J-345 | MSE WALL WITH LIGHTWEIGHT FILL |
| 334 | MA01 | TRAFFIC SIGNAL LEGEND |
| 335 | MB01 | FLASHING BEACON PLAN |
| 336 | MB02 | FLASHING BEACON PLAN |
| 337 | MC01 | RRFB DETAILS |

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| 338 | MC02 | SCHOOL ZONE FLASHER DETAILS |
| 339 | PA01 | ILLUMINATION LEGEND AND NOTES |
| 340 | PA02 | ILLUMINATION LEGEND AND NOTES |
| 341 | PB01 | ILLUMINATION PLAN |
| 342 | PB02 | ILLUMINATION PLAN |
| 343 | PB03 | ILLUMINATION PLAN |
| 344 | PB04 | ILLUMINATION PLAN |
| 345 | PB05 | ILLUMINATION PLAN |
| 346 | QA01 | SIGNING & STRIPING LEGEND |
| 347 | QB01 | SIGNING & STRIPING PLAN |
| 348 | QB02 | SIGNING & STRIPING PLAN |
| 349 | QB03 | SIGNING & STRIPING PLAN |
| 350 | QB04 | SIGNING & STRIPING PLAN |
| 351 | QB05 | SIGNING & STRIPING PLAN |
| 352 | QC01 | SIGNING DETAILS |

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| 353 | QC02 | SIGNING DETAILS |
| 354 | QC03 | SIGNING DETAILS |
| 355 | QC04 | SIGNING DETAILS |
| 356 | QC05 | SIGNING DETAILS |
| 357 | QC06 | SIGNING DETAILS |
| 358 | QC07 | SIGNING DETAILS |
| 359 | QC08 | STRIPING DETAILS |
| 360 | QC09 | STRIPING DETAILS |
| 361 | QC10 | STRIPING DETAILS |
| 362 | QC11 | STRIPING DETAILS |
| 363 | RA01 | STANDARD DRAWING - CITY OF WILSONVILLE |
| 364 | RA02 | STANDARD DRAWING - CITY OF WILSONVILLE |

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| 365 | RA03 | STANDARD DRAWING - CITY OF WILSONVILLE |
| 366 | RA04 | STANDARD DRAWING - CITY OF WILSONVILLE |
| 367 | RA05 | STANDARD DRAWING - CITY OF WILSONVILLE |
| 368 | RA06 | STANDARD DRAWING - CITY OF WILSONVILLE |
| 369 | RA07 | STANDARD DRAWING - CITY OF WILSONVILLE |
| 370 | RA08 | STANDARD DRAWING - CITY OF WILSONVILLE |
| 371 | RA09 | STANDARD DRAWING - CITY OF WILSONVILLE |
| 372 | RA10 | STANDARD DRAWING - CITY OF WILSONVILLE |
| 373 | RA11 | STANDARD DRAWING - CITY OF WILSONVILLE |
| 374 | RA12 | STANDARD DRAWING - CITY OF WILSONVILLE |
| 375 | RA13 | STANDARD DRAWING - CITY OF WILSONVILLE |
| 376 | RA14 | STANDARD DRAWING - CITY OF WILSONVILLE |
| 377 | RA15 | STANDARD DRAWING - CITY OF WILSONVILLE |
| 378 | RA16 | STANDARD DRAWING - CITY OF WILSONVILLE |
| 379 | RA17 | STANDARD DRAWING - CITY OF WILSONVILLE |
| 380 | RB01 | STANDARD DRAWING - ODOT |

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| 381 | RB02 | STANDARD DRAWING - ODOT |
| 382 | RB03 | STANDARD DRAWING - ODOT |
| 383 | RB04 | STANDARD DRAWING - ODOT |
| 384 | RB05 | STANDARD DRAWING - ODOT |
| 385 | RB06 | STANDARD DRAWING - ODOT |



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SPECIAL PROVISIONS SECTION – 90% GMP 3 SET (Round-A-Bout, Bridge, Sewer, and East Road Improvements) Posted: 08/01/23

(MODIFICATIONS TO THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2018)

Section 00110 – Organizations, Conventions, Abbreviations, and Definitions

Section 00120 – Bidding Requirements and Procedures

Section 00130 – Award and Execution of Contract

Section 00140 – Scope of Work

Section 00150 – Control of Work

Section 00160 – Source of Materials

Section 00165 – Quality of Materials

Section 00170 – Legal Relations and Responsibilities

Section 00180 – Prosecution and Progress

Section 00195 – Payment

Section 00210 – Mobilization

Section 00220 – Accommodations for Public Traffic

Section 00225 – Work Zone Traffic Control

Section 00240 – Temporary Drainage Facilities

Section 00242 – Temporary Water Line

Section 00245 – Temporary Water Management

Section 00280 – Erosion and Sediment Control

Section 00290 – Environmental Protection

Section 00305 – Construction Survey Work

Section 00310 – Removal of Structures and Obstructions

Section 00320 – Clearing and Grubbing

Section 00330 – Earthwork

Section 00335 – Blasting Methods and Protection of Excavation Backslopes

Section 00340 – Watering

Section 00350 – Geosynthetic Installation

Section 00360 – Drainage Blankets

Section 00390 – Riprap Protection

Section 00405 – Trench Excavation, Bedding, and Backfill

Section 00415 – Video Pipe Inspection

- Section 00420 – Salvaging Pipe
- Section 00440 – Commercial Grade Concrete
- Section 00445 – Sanitary, Storm, Culvert, Siphon, and Irrigation Pipe
- Section 00470 – Manholes, Catch Basins, and Inlets
- Section 00490 – Work on Existing Sewers and Structures
- Section 00495 – Trench Resurfacing
- Section 00497 – Franchise Utilities
- Section 00510 – Structure Excavation and Backfill
- Section 00520 – Driven Piles
- Section 00530 – Steel Reinforcement for Concrete
- Section 00540 – Structural Concrete
- Section 00545 – Reinforced Concrete Bridge End Panels
- Section 00550 – Precast Prestressed Concrete Members
- Section 00582 – Bridge Bearings
- Section 00583 – Electrical Conduit On Structures
- Section 00587 – Bridge Rails
- Section 00589 – Utility Attachments On Structures
- Section 00594 – Preparing and Coating Metal Structures
- Section 00596A – Mechanically Stabilized Earth Retaining Walls
- Section 00620 – Cold Plane Pavement Removal
- Section 00641 – Aggregate Subbase, Base, and Shoulders
- Section 00730 – Emulsified Asphalt Tack Coat
- Section 00745 – Asphalt Concrete Pavement – Statistical Acceptance
- Section 00748 – Asphalt Concrete Pavement Repair
- Section 00749 – Miscellaneous Asphalt Concrete Structures
- Section 00756 – Plain Concrete Pavement
- Section 00759 – Miscellaneous Portland Cement Concrete Structures
- Section 00815 – Bollards
- Section 00820 – Concrete Barrier
- Section 00850 – Common Provisions For Pavement Markings
- Section 00855 – Pavement Markers
- Section 00856 – Surface Mounted Tubular Markers
- Section 00865 – Longitudinal Pavement Markings, Durable
- Section 00867 – Transverse Pavement Markings – Legends and Bars

- Section 00868 – Colored Lane Markings
- Section 00902 – Crosswalk Closure Barricades
- Section 00905 – Removal and Reinstallation of Existing Signs
- Section 00930 – Metal Sign Supports
- Section 00940 – Signs
- Section 00950 – Removal of Electrical Systems
- Section 00960 – Common Provisions For Electrical Systems
- Section 00962 – Metal Illumination and Traffic Signal Supports
- Section 00970 – Highway Illumination
- Section 00990 – Traffic Signals
- Section 01015 – Vegetated Stormwater and Rain Garden Facilities
- Section 01030 – Seeding
- Section 01040 – Planting
- Section 01050 – Fences
- Section 01070 – Mailbox Supports
- Section 01091 – Waterway Enhancements
- Section 01095 – Site Furnishings
- Section 01120 – Irrigation Systems
- Section 01140 – Potable Water Pipe and Fittings
- Section 01150 - Potable Water Valves
- Section 01160 – Hydrants and Appurtenances
- Section 01170 – Potable Water Service Connections, 2-Inch and Smaller
- Section 02001 – Concrete
- Section 02040 – Chemical Admixtures
- Section 02045 – Synthetic Fiber Reinforcing for Concrete
- Section 02050 – Curing Materials
- Section 02410 – Concrete Pipe
- Section 02440 – Joint Materials
- Section 02450 – Manhole and Inlet Materials
- Section 02470 – Potable Water Pipe Materials
- Section 02475 – Potable Water Fitting Materials
- Section 02480 – Potable Water Valve Materials
- Section 02485 – Hydrant and Appurtenance Materials
- Section 02490 – Potable Water Service Connection Materials, 2-Inch and Smaller

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Section 02510 – Reinforcement

Section 02520 – Steel and Concrete Piles

Section 02530 – Structural Steel

Section 02560 – Fasteners

Section 02690 – PCC Aggregates

Section 02830 – Metal Handrail

Section 02910 – Sign Materials

Section 03020 – Erosion Materials

Exhibit C.3

Construction Proposal: Procurement Plan

City of Wilsonville - Boeckman Road Corridor Project

Round-A-Bout, Bridge, Sewer, and East Road Improvements

Criteria for Procurement Plan

- **Progressive Design-Build Agreement Section 14: Subcontracting**
- **Design-Build General Conditions Article 6: Design-Builders Responsibilities**
 - **Section 6.13: Concerning Subcontracting and Self-Performance**

Application of Criteria

For this GMP, the Design Builder intends to comply with Section 13 of the Progressive Design-Build Agreement and the Design-Build General Conditions Section 6.13 using a mixture of self-performed work and subcontracted work as shown in the Proposal for the project. The means of subcontracting the work will be determined as set forth in the General Conditions and the estimated value of work in compliance with General Conditions 6.13 A-E.

General Conditions 6.13:

6.13 Selection of sources of design services, labor, material, equipment, and services necessary to accomplish the Work is governed by this section. For the purposes of this section, "Subcontractor" also includes suppliers.

6.13.A:

The Design-Builder shall seek to develop Subcontractor interest in the Work and shall furnish to the City a list of potential qualified Subcontractors from whom bids may be requested. The City may identify additional potential qualified Subcontractors from whom the Design-Builder shall request bids.

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The subcontractor trades, including suppliers for this GMP are shown in Exhibit C.4 and include:

- Aggregates
- Asphalt Concrete Paving
- Asphaltic Plug Joints
- Bearing Pads
- Benches
- Bridge Rail
- Concrete Pavement Grooving/Texturing
- Concrete Pumping
- Concrete Ready-mix
- Concrete Reinforcing
- Concrete Washout
- Construction Survey
- Dump Sites
- Dynamic Pile Testing
- Electrical
- Erosion & Sediment Control
- Fences & Gates
- Flatwork
- FRP Bridge Pipe Materials
- Geosynthetics
- JUT Materials
- JUT Vaults
- Landscaping
- Lightweight Fill
- Manhole Channeling/Pipe & Manhole Flushing
- Masonry
- Operated Crane Services
- Pavement Milling and Pavement Cold Planing
- Pipe Materials
- Pipe Video Inspection
- Pre-bored Piles
- Precast Structures
- Quality Control
- Sawcutting
- Shoring Systems
- Shotcrete
- Signs
- Steel Casing Pipe
- Striping
- Tree Removal
- Trucking

Material supply for self-performed work is included in the cost for that work and will be provided by the Design-Builder.

Per Section 6.13.D.2 subcontracted or self-performed work valued at \$10,000 or less is exempt from the competitive selection process. The following work is expected to meet this requirement and subcontractors will be selected from the list in Exhibit C.5:

- Bearing Pads
- Benches
- Bypass Pumping
- Manhole Channeling/Pipe & Manhole Flushing
- Pavement Milling and Pavement Cold Planning
- Pipe Video Inspection

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Per Section 6.13.D.3 subcontracted work valued at less than \$100,000 but more than \$10,000 is exempted provided the Design Builder receives a minimum of three written quotations and awards the subcontract to a qualified Subcontractor at a fair and reasonable price. The City may waive the three-quotation minimum requirement after reviewing the Design Builder's good faith efforts to obtain them. The following subcontracted work is expected to meet this exemption and quotes will be requested from the subcontractors listed in Exhibit C.5. Prior to bidding to subcontractors, if the work is estimated to exceed \$100,000 it will be subcontracted in accordance with the process outlined in 6.13.E below.

- Asphaltic Plug Joints
- Concrete Pavement Grooving/Texturing
- Concrete Pumping
- Concrete Washout
- Construction Engineering
- Dynamic Pile Testing
- Erosion & Sediment Control
- Fences & Gates
- Geosynthetics
- Hot Tap/Live Tap
- JUT Vaults
- Masonry
- Pre-bored Piles
- Precast Structures
- Sawcutting
- Shotcrete
- Signs
- Steel Casing Pipe

Per Section 6.13.E work valued at over \$100,000 will be awarded based on the competitive or best value selection process.

- Aggregates
- Asphalt Concrete Paving
- Bridge Rail
- Concrete Ready-mix
- Concrete Reinforcing
- Dump Sites
- Electrical
- Flatwork
- FRP Bridge Pipe Materials
- JUT Materials
- Landscaping
- Lightweight Fill
- Operated Crane Services
- Pipe Materials
- Shoring Systems
- Striping
- Tree Removal
- Trucking

6.13.B:

The proposal must include an explanation as to why self-performance or exemption from the competitive selection process is in the City's best interest.

The Design Builder Proposes to self-perform flagging, traffic control set up and maintenance, erosion control, clearing and grubbing, removal of structures and obstructions, aggregate base, storm sewer, sanitary sewer, pile driving, and structural concrete as allowed in General conditions 6.13.B and C. Justification for the self-performed work will be more fully explained below. The Design Builder will fully respond to any questions or comments submitted by the City in regard to the non-competitive process and is fully insured to the extents required.

- *Special advantages or capabilities of the Design-Builder or Subcontractor to perform the Work:*

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- The Design Builder has the capability to perform both utility installation and structural concrete scopes. This provides efficiency and eliminates the need for sequencing and mobilization of multiple subcontractors for these scopes of work.
- Design Builder has an in-house TCS to develop traffic control plans and has the capability to provide Traffic Control and Flagging staff necessary.
- Survey subcontractor was selected in GMP 2 by Best Value method. The survey subcontractor selected had low price and high score through the best value process. To continue continuity across GMPs, the survey subcontractor was exempted from the competitive process with prior authorization from the City.
- The Quality Control Firm was selected in GMP 2 by competitive method. To continue continuity across GMPs, the Quality Control Firm was exempted from the competitive process with prior authorization from the City
- *Demonstration that the process is reasonable and fair:*
 - *Independently verified Guaranteed Maximum Price and risk reduction for the city:* The Design Builder requests that the City's Owner Representative provide an independent cost estimate for the work per 6.13.B. This will insulate the City from the risk of high subcontractor costs. Additionally, the Design Builder agrees to and supports open-book costing for all self-performed work on the project. All questions or comments submitted by the City in regards to this process will be fully responded to.
- The following scopes are requested to be performed by TSJV as self-performed work and are above \$10,000 in value. These scopes of work were evaluated against an Independent Cost Estimate:
 - Traffic Control
 - Structural Concrete
 - Flagging
 - Erosion Control
 - Removals (Surfaces, Curbs, Retaining Walls, etc.)
 - Excavation/Grading
 - Joint Utility Trench
 - Planter and Swale Construction
 - Storm Sewer Installation/Removal
 - Waterline Removal and Relocation
- The following scopes of work are requested to be performed by TSJV and are less than \$10,000 in value. Although exempt by section 6.13(D), because the value of work is less than \$10,000:
 - None

6.13.E:

General Conditions 6.13.E provides the requirement for the competitive selection process for subcontracting work. Requests for bids or proposals for competitively selected work was advertised in the *Portland Daily Journal of Commerce*. In addition to the PDJ advertisement, reference Exhibit C.5 for subcontractors specifically invited to propose.

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SUB-BIDS REQUESTED

Boeckman Road Corridor Project
Wilsonville, OR
Bid Due: 9/8/23 @ 1:00pm

Bid Package #3

Includes: Landscaping & Irrigation, AC Paving, Electrical & Street Lighting, Concrete Curb, Concrete Flatwork & PCCP Paving, Striping, Concrete Reinforcement Installation, Fencing, Metal Rail Fabrication, & Vibration Monitoring

Documents will be made available through Pipeline Suite. Please e-mail BoeckmanBids@sundt.com to request an invitation to bid.

Please submit questions via email to BoeckmanBids@sundt.com by 9/1/23.

See specific instructions in Bid Documents for submission

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7700 NE Parkway Dr. Ste 200
Vancouver, WA 98662
BoeckmanBids@sundt.com

Tapani|Sundt, a Joint Venture requests sub-bids from all interested firms including Minority & Women Owned, Emerging Small Business & Disadvantaged enterprises.

2532343 CCB # 240238

TSJV proposes to award subcontracts for contracts identified for best value to the subcontractors that provide the Best Value based off varying criteria specific to the scope of work.

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Exhibit C.4

GMP 3 - Procurement Method

| Item | Estimated Value | Procurement Method |
|--------------------------------------|--------------------------------|---|
| Aggregates | Greater than \$100,000 | GMP 2 Contract Extension |
| Asphalt Concrete Paving | Greater than \$100,000 | Best Value; Best combination of qualifications and price (Heavier on price vs. quals) |
| Asphaltic Plug Joints | Between \$10,000 and \$100,000 | Selected from a minimum of three requested written quotations |
| Bearing Pads | Less than \$10,000 | Selected from a minimum of three requested written quotations |
| Benches | Less than \$10,000 | Selected from a minimum of three requested written quotations |
| Bridge Rail | Greater than \$100,000 | Selected from a minimum of three requested written quotations |
| Concrete Pavement Grooving/Texturing | Between \$10,000 and \$100,000 | Selected from a minimum of three requested written quotations |
| Concrete Pumping | Between \$10,000 and \$100,000 | Selected from a minimum of three requested written quotations |
| Concrete Ready-mix | Greater than \$100,000 | Selected from a minimum of three requested written quotations |
| Concrete Reinforcing | Greater than \$100,000 | Selected from a minimum of three requested written quotations |
| Concrete Washout | Between \$10,000 and \$100,000 | Selected from a minimum of three requested written quotations |
| Construction Survey | Greater than \$100,000 | GMP 2 Contract Extension (Prior BV proposal for GMP 2, maintain contract to ensure Survey continuity) |

| Item | Estimated Value | Procurement Method |
|--|--------------------------------|---|
| Dump Sites | Greater than \$100,000 | Selected from a minimum of three requested written quotations |
| Dynamic Pile Testing | Between \$10,000 and \$100,000 | Selected from a minimum of three requested written quotations |
| Electrical | Greater than \$100,000 | Best Value; Best combination of qualifications and price |
| Erosion & Sediment Control | Between \$10,000 and \$100,000 | GMP 2 Contract Extension |
| Fences & Gates | Between \$10,000 and \$100,000 | Selected from a minimum of three requested written quotations |
| Flatwork | Greater than \$100,000 | Best Value; Best combination of qualifications and price |
| FRP Bridge Pipe Materials | Greater than \$100,000 | Selected from a minimum of three requested written quotations |
| Geosynthetics | Between \$10,000 and \$100,000 | Selected from a minimum of three requested written quotations |
| JUT Materials | Greater than \$100,000 | Selected from a minimum of three requested written quotations |
| JUT Vaults | Between \$10,000 and \$100,000 | Selected from a minimum of three requested written quotations |
| Landscaping | Greater than \$100,000 | Best Value; Best combination of qualifications and price |
| Lightweight Fill | Greater than \$100,000 | Selected from a minimum of three requested written quotations |
| Manhole Channeling/Pipe & Manhole Flushing | Less than \$10,000 | GMP 2 Contract Extension |
| Masonry | Between \$10,000 and \$100,000 | GMP 2 Contract Extension |

| Item | Estimated Value | Procurement Method |
|--|--------------------------------|--|
| Operated Crane Services | Greater than \$100,000 | Selected from a minimum of three requested written quotations |
| Pavement Milling and Pavement Cold Planing | Less than \$10,000 | Selected from a minimum of three requested written quotations |
| Pipe Materials | Greater than \$100,000 | Selected from a minimum of three requested written quotations |
| Pipe Video Inspection | Less than \$10,000 | Selected from a minimum of three requested written quotations |
| Pre-bored Piles | Between \$10,000 and \$100,000 | Selected from a minimum of three requested written quotations |
| Precast Structures | Between \$10,000 and \$100,000 | Selected from a minimum of three requested written quotations |
| Quality Control | Greater than \$100,000 | GMP 2 Contract Extension (Prior BV proposal for GMP 2, maintain contract to ensure QC continuity) |
| Sawcutting | Between \$10,000 and \$100,000 | GMP 2 Contract Extension |
| Shoring Systems | Greater than \$100,000 | Selected from a minimum of three requested written quotations |
| Shotcrete | Between \$10,000 and \$100,000 | Best Value; Best combination of qualifications and price (Heavier on quals and prior project experience to ensure quality product) |
| Signs | Between \$10,000 and \$100,000 | Selected from a minimum of three requested written quotations |
| Steel Casing Pipe | Between \$10,000 and \$100,000 | Selected from a minimum of three requested written quotations |
| Striping | Greater than \$100,000 | Selected from a minimum of three requested written quotations |
| Tree Removal | Greater than \$100,000 | Selected from a minimum of three requested written quotations |

| Item | Estimated Value | Procurement Method |
|-------------|------------------------|---------------------------|
| Trucking | Greater than \$100,000 | GMP 2 Contract Extension |

Exhibit C.5
GMP 3 - Subcontractor and Suppliers

| Category | Subcontractor | Solicited | Bid Received | Notes |
|--------------------------------------|---|-----------|--------------|-----------------------|
| Aggregates | Heidelberg (CADMAN - Aggregate Oregon) | Y | Y | |
| | Calportland - Vancouver, WA | Y | N | |
| | Crabtree Crushing Inc | Y | N | |
| | Knife River - Aggregate - BEND | Y | N | |
| | Knife River - Aggregate | Y | Y | Selected Proposal |
| | Tigard Sand & Gravel | Y | Y | Low Bid |
| | WCP - Wilsonville Concrete Products, Inc. | Y | N | |
| | Western Rock Resources (Was Meisel Rock) | Y | N | |
| | Windsor Rock Products | Y | N | |
| Asphalt Concrete Paving | Brix Paving Northwest, Inc | Y | Y | |
| | Eastside Paving, Inc. | Y | N | |
| | Knife River - HMA paving | Y | N | |
| | Kodiak Pacific Construction Co. | Y | N | |
| | Lakeside Industries, Inc. - Portland | Y | N | |
| | North Santiam Paving | Y | N | |
| | Oregon Asphaltic Paving Inc | Y | N | |
| | Roy Houck Construction, LLC. | Y | N | |
| | S2 Contractors Inc | Y | Y | Best Value & Low Bid |
| | Settje Sons Paving LLC | Y | N | |
| Asphaltic Plug Joints | Jonnic Construction | Y | N | No Proposals Received |
| | Roger Langeliers Construction Co. | Y | N | |
| Bearing Pads | Bridge Bearings LLC | Y | Y | Low Bid |
| | D. S. Brown Co | Y | Y | |
| | Dynamic Rubber | Y | N | |
| Benches | Columbia Cascade Company | Y | N | Only Proposal |
| | Landscape Forms | Y | Y | |
| Bridge Rail | Bekos Welding, Inc. | Y | N | |
| | Mohawk Metal | Y | N | |
| | A2 Fabrication | Y | Y | |
| | Architectural Metal Works, Inc. | Y | N | |
| | Tapani Inc | Y | Y | Low Bid |
| Concrete Pavement Grooving/Texturing | American Concrete Company | Y | N | No Proposals Received |
| | Columbia Concrete Sawing Co. | Y | N | |
| | Cutting Edge Concrete Cutting, L.L.C. | Y | N | |
| | Penhall Company | Y | N | |
| Concrete Pumping | Brundage-Bone | Y | N | Only Proposal |
| | Ralph's Concrete Pumping Inc | Y | Y | |
| Concrete Ready-mix | Calportland - Concrete (Vancouver) | Y | N | |
| | Heidelberg Materials (AKA CADMAN) | Y | N | |
| | Knife River - Ready Mix Supply | Y | Y | |
| | WCP - Wilsonville Concrete Products, Inc. | Y | Y | Low Bid |
| | CADMAN - Concrete Supply South Portland | Y | N | |
| Concrete Reinforcing | Bar M Steel Commercial, Inc. | Y | N | Material Only |
| | Farwest Steel Reinforcing Comp | Y | Y | |
| | Harris Rebar | Y | N | |
| | Hercon Rebar and Post Tension | Y | Y | |
| | R2M2 Rebar And Stressing, Inc. | Y | Y | |
| | SI Contracting INC | Y | Y | |

| Category | Subcontractor | Solicited | Bid Received | Notes |
|-----------------------------|---|-----------|--------------|--------------------------|
| | Willamette Valley Steel | Y | Y | Low Bid |
| | CMC | Y | Y | |
| Concrete Washout | Eco-Pan, Inc. | Y | Y | Only Proposal |
| Construction Survey | GeoMetrix Northwest | Y | Y | Only Proposal |
| Dump Sites | CADMAN - Aggregate Oregon | Y | Y | |
| | Calportland - Vancouver, WA | Y | Y | Moved forward from GMP 2 |
| | Crabtree Crushing, INC | Y | N | |
| | Knife River - Aggregate - BEND | Y | Y | |
| | Newberg Dirt Dump | Y | N | |
| | Tigard Sand & Gravel | Y | Y | |
| | Western Rock Resources (Was Meisel Rock) | Y | N | |
| | Windsor Rock Products | Y | N | |
| Dynamic Pile Testing | GeoMechanics | Y | N | |
| | GRL Engineers INC | Y | Y | Only Proposal |
| | PSI - Professional Service Industries, Inc. | Y | N | |
| Electrical | Aaken Corporation Electrical Contractors | Y | Y | |
| | Affordable Electric Inc | Y | N | |
| | Lightworks Electric Company | Y | N | |
| | North Star Electrical Contractors | Y | Y | |
| | Prairie Electric, Inc. - Illumination/Signals | Y | Y | Best Value |
| | Tice Electric Co. | Y | N | |
| | Cascade Electrical, LLC | Y | N | |
| Erosion & Sediment Control | ACF West, Inc. | Y | Y | Low Bid |
| | GeoTK, LLC | Y | N | |
| | Hanes Geo Components | Y | N | |
| | Cascade Geosynthetics | Y | Y | |
| Fences & Gates | Able Fence Company, Inc. | Y | N | No Proposals Received |
| | Rent A Fence | Y | N | |
| | Statewide Rent-A-Fence Of Oregon, Inc. | Y | N | |
| | Superior Fence And Construction, Inc. | Y | N | |
| | Town & Country Fence - OR | Y | N | |
| | Town & Country Fence Co of Oregon | Y | N | |
| | United Rentals Trench Safety | Y | N | |
| | United Site Services | Y | N | |
| Willamette Fence Co., Inc. | Y | N | | |
| Flatwork | Brown Contracting | Y | Y | |
| | D&D Concrete and Utilities | Y | Y | Best Value & Low Bid |
| | Gelco Construction, Inc. | Y | N | |
| | Heidelberg (CADMAN - Concrete Construction OR/WA) | Y | N | |
| | Hildebrand Concrete. Const. Inc. | Y | N | |
| | Johnnys Concrete Services LLC | Y | N | |
| | Roger Langeliers Construction Co. | Y | Y | |
| | Berrien Concrete LLC | Y | N | |
| | C&J Contracting LLC | Y | N | |
| | EM3 Concrete | Y | N | |
| | Lemus Construction | Y | N | |
| | Olson Concrete Construction | Y | N | |
| Petrichor Constructors, LLC | Y | N | | |
| FRP Bridge Pipe Materials | Bridge Drain Systems | Y | Y | Only Proposal |
| Geosynthetics | ACF West, Inc. | Y | Y | Low Bid |
| | Cascade Geosynthetics | Y | Y | |
| | GeoTK, LLC | Y | N | |
| | Hanes Geo Components | Y | N | |
| JUT Materials | FERGUSON WATERWORKS | Y | Y | |
| | Western Waterworks Supply Company | Y | Y | Low Bid |
| JUT Vaults | Oldcastle Infrastructure/Precast | Y | Y | Only Proposal |

| Category | Subcontractor | Solicited | Bid Received | Notes |
|--|--|-----------|--------------|-----------------------|
| Landscaping | Affinity NW Landscaping | Y | N | |
| | Anderson's Erosion Control, Inc. | Y | N | |
| | Ash Creek Landscaping | Y | N | |
| | Cascadian Landscapers | Y | N | |
| | Dennis' Seven Dees Landscaping, Inc. | Y | N | |
| | Fox Erosion Control & Landscape, Inc. | Y | Y | Best Value & Low Bid |
| | North Fork Landscape, Inc. | Y | Y | |
| | Teufel Nursery Inc. | Y | N | |
| Lightweight Fill | Cascade Geosynthetics | Y | Y | Only Proposal |
| Manhole Channeling/Pipe & Manhole Flushing | Bergen Construction, Inc. | Y | Y | Only Proposal |
| Masonry | Tikka Masonry | Y | Y | Only Proposal |
| Operated Crane Services | Barnhart Crane | Y | Y | Low Bid |
| | Maxim Crane | Y | Y | |
| | Ness and Campbell Crane | Y | N | |
| | Ness And Campbell Cranes Inc | Y | N | |
| Pavement Milling and Pavement Cold Planing | Best Grinding, Inc. | Y | N | No Proposals Received |
| | Hatch Western Co, Inc. | Y | N | |
| | K&L Industries | Y | N | |
| | Kerr Contractors | Y | N | |
| | Kodiak Pacific Construction Co. | Y | N | |
| | Porter W. Yett Co. - Soil Stabilization&Pulverization Division | Y | N | |
| | Roy Houck Construction, LLC. | Y | N | |
| | TFT Construction, Inc. | Y | N | |
| Pipe Materials | Consolidated Supply Co. - Portland, OR | Y | Y | |
| | Core & Main | Y | N | |
| | FERGUSON WATERWORKS | Y | Y | Low Bid |
| | HD Fowler Company, Inc. | Y | Y | |
| | Western Waterworks Supply Company | Y | Y | |
| Pipe Video Inspection | Aims Companies | Y | N | |
| | Arck Construction Company | Y | Y | |
| | Pacific Int-r-tek | Y | Y | Low Bid |
| | Pipeline Video Inspection & Cleaning, LLC | Y | N | |
| | PPV, Inc./Bravo Environmental | Y | N | |
| | Pro-Vac | Y | N | |
| | River City Environmental | Y | N | |
| | The Iron Horse Group | Y | N | |
| Pre-bored Piles | Condon-Johnson & Associates | Y | N | |
| | Dewitt Construction | Y | Y | Low Bid |
| | Donald B Murphy Contractors, Inc. | Y | N | |
| | Keller North America, Inc | Y | N | |
| | Malcolm Drilling Co. Inc | Y | N | |
| | Michels Foundations | Y | N | |
| | Pacific Foundation, Inc. | Y | Y | |
| | PLI Systems, Inc. | Y | N | |
| Precast Structures | Cascade Concrete Products, Inc. - Scappoose | Y | Y | Low Bid |
| | Columbia Precast | Y | N | |
| | Oldcastle Infrastructure/Precast | Y | Y | |
| Quality Control | PSI - Professional Service Industries, Inc. | Y | Y | Only Proposal |
| Sawcutting | Brothers Concrete Cutting, Inc. | Y | Y | |
| Shoring Systems | DP Nicoli, Inc. | Y | N | |
| | SunState Equipment Co | Y | Y | Only Proposal |
| | United Rentals Trench Safety | Y | N | |
| Shotcrete | Andersen Construction | Y | Y | Best Value |
| | Keller North America, Inc | Y | N | |
| | PLI Systems, Inc. | Y | Y | |

| Category | Subcontractor | Solicited | Bid Received | Notes |
|--------------------------------|---------------------------------------|-----------|--------------|---|
| | Superior Gunite | Y | Y | |
| Signs | 4S Signs LLC | Y | N | |
| | Cartello Construction Inc | Y | N | |
| | Cascade Sign Services | Y | N | |
| | Coral Construction Company | Y | N | |
| | Coral Sales Company | Y | N | |
| | Egami Construction, Inc. | Y | Y | Low Bid |
| | Highway Specialties, LLC | Y | N | |
| | JBL Signs | Y | N | |
| | Knife River Farmington | Y | N | |
| | KT Contracting Co Inc | Y | Y | |
| | Northwest Traffic Control, Inc. | Y | N | |
| | Sign Wizards, Inc. | Y | N | |
| Traffic Safety Supply Co. Inc. | Y | N | | |
| Steel Casing Pipe | Bridge Drain Systems | Y | Y | |
| | HD Fowler Company, Inc. | Y | Y | Low Bid |
| Striping | Apply-A-Line, Inc. - Pacific City, WA | Y | N | |
| | Eagle Striping Services, Inc. | Y | N | |
| | Hicks Striping & Curbing, Inc. | Y | Y | Low Bid |
| | Specialized Pavement Mkg., Inc | Y | Y | |
| | Stanley Patrick Striping Co | Y | N | |
| Tree Removal | Greenup Enterprises | Y | Y | Selected Proposal |
| | Mr Tree, Inc | Y | N | |
| | S&H Companies | Y | N | |
| | Savatree | Y | Y | Low bid but only partial scope received |
| Trucking | Cutter Construction Co Inc | Y | Y | Only Proposal |

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Exhibit C.6

GMP 3 - Selected Subcontractor and Suppliers

| Item | Estimated Value | Selected Subcontractor or Supplier |
|-------------------------|-----------------|------------------------------------|
| Aggregates | \$ 2,960,005.00 | Knife River |
| Asphalt Concrete Paving | \$ 875,948.00 | S2 Contractors |
| Bearing Pads | \$ 2,421.00 | Bridge Rubber Bearings |
| Benches | \$ 5,390.00 | Landscape Forms |
| Bridge Rail | \$ 275,250.00 | Tapani |
| Concrete Pumping | \$ 48,455.00 | Ralph's Concrete Pumping |
| Concrete Ready-mix | \$ 457,721.00 | Wilsonville Concrete Products |
| Concrete Reinforcing | \$ 551,589.00 | Willamette Valley Steel |
| Concrete Washout | \$ 50,465.00 | EcoPan |
| Construction Survey | \$ 399,035.00 | Geometrix |
| Dump Sites | \$ 420,682.00 | CalPortland |
| Dynamic Pile Testing | \$ 68,600.00 | GRL Engineers, Inc. |

| Item | Estimated Value | Selected Subcontractor or Supplier |
|------------------------------------|-----------------|------------------------------------|
| Electrical | \$ 961,303.00 | Prarie Electric |
| Erosion & Sediment Control | \$ 27,487.00 | ACF West |
| Flatwork | \$ 1,774,905.00 | D&D Construction |
| FRP Bridge Pipe Materials | \$ 162,781.00 | Bridge Drain Systems |
| Geosynthetics | \$ 45,133.00 | ACF West |
| JUT Materials | \$ 433,123.00 | Western Water Works Supply Co. |
| JUT Vaults | \$ 85,965.00 | Oldcastle Infrastructure/Precast |
| Landscaping | \$ 1,108,672.00 | Fox Erosion Control |
| Lightweight Fill | \$ 225,244.00 | Cascade Geosynthetics |
| Manhole Channeling & Pipe Flushing | \$ 19,790.00 | Bergen Construction, Inc. |
| Masonry | \$ 25,142.00 | Tikka Masonry, Inc. |
| Operated Crane Services | \$ 241,944.00 | Barnhart Crane |
| Pipe Materials | \$ 287,473.00 | HD Fowler |
| Pipe Video Inspection | \$ 10,781.00 | Pacific Int-R-Tek |
| Pre-bored Piles | \$ 81,561.00 | DeWitt Construction |
| Precast Structures | \$ 88,586.00 | Cascade Precast |

| Item | Estimated Value | Selected Subcontractor or Supplier |
|-------------------|-----------------|--|
| Quality Control | \$ 233,447.00 | Professional Services Industries, Inc. |
| Sawcutting | \$ 53,513.00 | Brothers Concrete Sawcutting |
| Shoring Systems | \$ 256,131.00 | Sunstate Equipment |
| Shotcrete | \$ 82,890.00 | Anderson Construction |
| Signs | \$ 81,689.00 | Egami Construction |
| Steel Casing Pipe | \$ 19,496.00 | HD Fowler |
| Striping | \$ 110,118.00 | Hicks Striping |
| Tree Removal | \$ 192,277.00 | Greenup |
| Trucking | \$ 937,891.00 | Cutter |