



City of Tukwila Transportation and Infrastructure Services Committee

- ❖ Verna Seal, Chair
- ❖ De'Sean Quinn
- ❖ Thomas McLeod

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AGENDA

MONDAY, FEBRUARY 8, 2021 – 5:30 PM

Virtual Meeting - Members of the public may listen by dialing 1-253-292-9750 and entering conference ID 832324833#

[Click here to join the meeting](#)

6300 BUILDING, SUITE 100)

Item	Recommended Action	Page
1. PRESENTATIONS		
2. BUSINESS AGENDA		
a) Sewer Lift Stations No. 2, 4, & 12 Design and Construction Mgmt Ag (Adib Altallal)	a) Forward to 2/22/21 Special Consent Agenda	Pg. 1
b) Fleet Purchase Replacement Vector Unit 2326 (Hari Ponnekanti & Garron Herdt)	b) Forward to 02/22/21 Special Consent Agenda	Pg. 21
c) 2021 - 2022 King County Solid Waste Recycling Grant Acceptance (Nancy Eklund)	c) Forward to 02/22/21 Special Consent Agenda	Pg. 49
d) Transportation & Infrastructure Service Committee Work Plan (Hari Ponnekanti)	d) Discussion only	Pg. 73
3. MISCELLANEOUS		
	Future Agendas:	
	<ul style="list-style-type: none"> • PW Fleet & Facilities Bid Award • MWPAAC Resolution 	

Next Scheduled Meeting: Monday, February 22, 2021



INFORMATIONAL MEMORANDUM

TO: **Transportation & Infrastructure Committee**
 FROM: **Hari Ponnekanti, Public Works Director**
 BY: **Adib Altallal, Utilities Engineer**
 CC: **Mayor Allan Ekberg**
 DATE: **February 5, 2021**
 SUBJECT: **Sewer Lift Stations No. 2, 4, and 12**
Project Nos. 90440205, 91640202
Design and Construction Management Agreement

ISSUE

Approve design and construction management agreement with PACE Engineers for the Sewer Lift Station No. 2 Upgrades, Sewer Lift Station No. 4 Electrical Upgrades, and Sewer Lift Station No. 12 Wet Well Remediation projects.

BACKGROUND

The aging electrical and physical assets of Sewer Lift Stations No. 2, 4, and 12 prompted for investigative work in 2016 and the subsequent hiring of PACE as the consultant engineer to design the various upgrades necessary to provide a safe and functioning system. Additionally, in January 2021 during a routine repair of the Sewer Lift Station 2 force main, a sizeable crack was discovered along the entire force main connecting the sewer lift station to the manhole.

DISCUSSION

PACE was the primary design consultant on these projects and are well suited to perform the rest of the design and subsequent construction management services as required by the City.

FINANCIAL IMPACT

The PACE consultant contract is proposed in the amount of \$71,410.00. The funds required to complete the construction management services will be from the 2021 Sewer budget for the Sewer Lift Station No. 2 Retrofit, Sewer Lift Station No. 4 Electrical Upgrades, and Sewer Lift Station No. 12 Wet Well Repair.

	<u>Contract</u>	<u>2021 Budget</u>
PACE Contract	\$71,410.00	\$150,000.00

RECOMMENDATION

Council is being asked to approve the design and construction management agreement with PACE Engineers in the amount of \$71,410.00 for the Sewer Lift Station No. 2 Retrofit, Sewer Lift Station No. 4 Electrical Upgrades, and Sewer Lift Station No. 12 Wet Well Remediation projects and to consider this item on the Consent Agenda at the February 22, 2021 Special Meeting.

Attachments: 2021 CIP Pages 68, 71, 72
 Pace Engineers Agreement, scope of work, & fee
 Sewer Lift Station Drawings

CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2021 to 2026

PROJECT: Annual Sewer Repair Program

Project No. 9xx40201

DESCRIPTION: Reduce sewer line infiltration and inflow (I & I) through groundwater intrusion or storm events as a result of damaged deteriorating systems or illicit connections. Includes small repairs and capital maintenance.

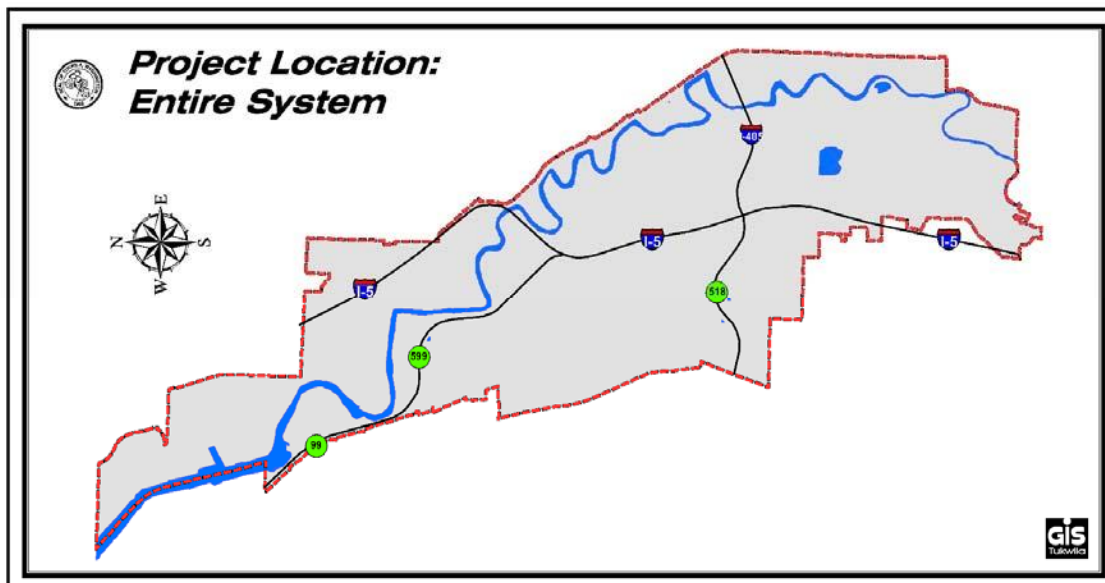
JUSTIFICATION: Decreases treatment, discharge, and pumping costs.

STATUS: Annual program is determined after pipeline TV inspection reports are completed.

MAINT. IMPACT: Less maintenance costs through rehabilitation of aging system.

COMMENT: Ongoing project, only one year actuals shown in first column.

FINANCIAL (in \$000's)	Through Estimated									TOTAL
	2019	2020	2021	2022	2023	2024	2025	2026	BEYOND	
EXPENSES										
Design	0	15	75	75	70	70	70	70	500	945
Land (R/W)										0
Const. Mgmt.		10	112	120	105	105	115	115	200	882
Construction	0	75	750	800	700	700	700	700	1,000	5,425
TOTAL EXPENSES	0	100	937	995	875	875	885	885	1,700	7,252
FUND SOURCES										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	0	100	937	995	875	875	885	885	1,700	7,252
TOTAL SOURCES	0	100	937	995	875	875	885	885	1,700	7,252



CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2021 to 2026

PROJECT: Sewer Lift Stations & Generator Upgrades

Project No. 90440206

DESCRIPTION: This project will be used to replace/upgrade the seven sewer lift stations and backup generators in phases.

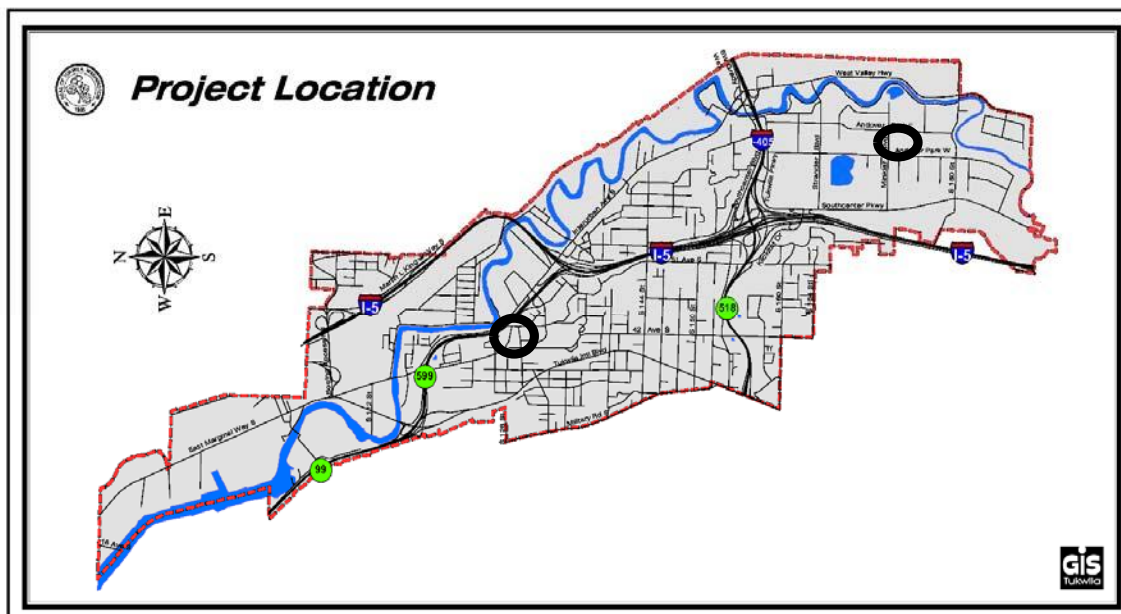
JUSTIFICATION: Aging sewer system requires the replacement of motors, pumps, and controls at older lift stations to reduce maintenance. Generators have a lifespan of 15 years and need to be replaced more frequently than pumps.

STATUS: Sewer Lift Stations No. 3 & 4 are at the end of their life cycles and need to be rebuilt with backup generators. Lift Station No. 4 is scheduled for 2020/2021, and Lift Station No. 3 is scheduled for 2024/2025. Lift Station No. 5 is in beyond.

MAINT. IMPACT: New pumps will reduce the liability of the existing pumps that are obsolete and prone to fail.

COMMENT: Additional right-of-way or property will be required for the new backup generators to be installed.

FINANCIAL (in \$000's)	Through Estimated									TOTAL
	2019	2020	2021	2022	2023	2024	2025	2026	BEYOND	
EXPENSES										
Design		5	5			20	20		100	150
Generators		50	25			10	10		10	105
Const. Mgmt.		10	10			50	50		100	220
Construction		300	200			400	400		700	2,000
TOTAL EXPENSES	0	365	240	0	0	480	480	0	910	2,475
FUND SOURCES										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	0	365	240	0	0	480	480	0	910	2,475
TOTAL SOURCES	0	365	240	0	0	480	480	0	910	2,475



CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2021 to 2026

PROJECT: Sewer Lift Station No. 2 Upgrades Project No. 90440205

DESCRIPTION: Install new pumps, motors, control system, backup generator and 2,700 LF of force main from Minkler Blvd to Strander Blvd.

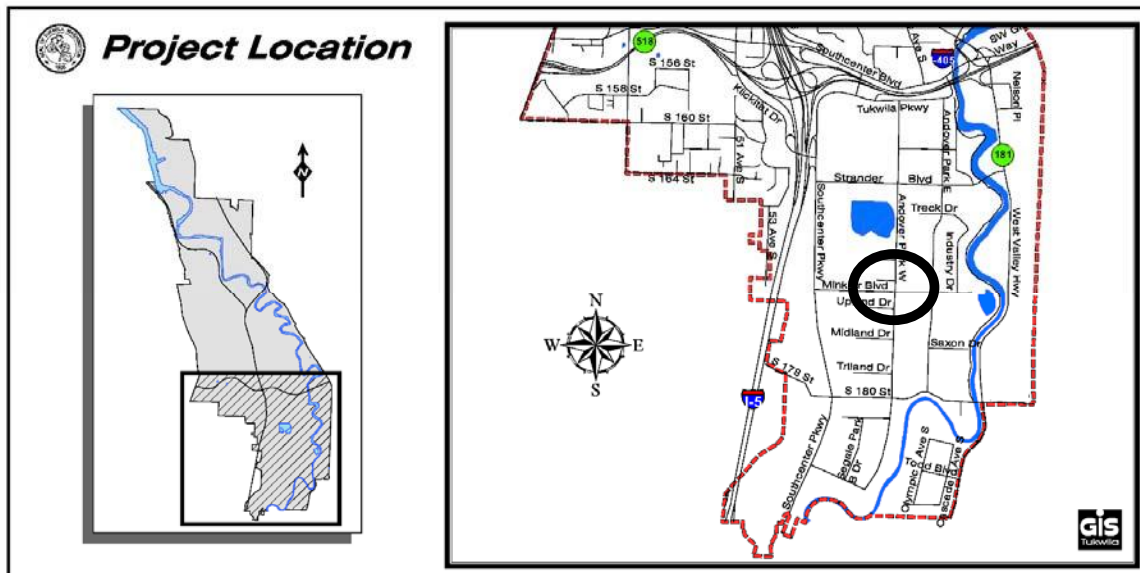
JUSTIFICATION: Sewer Lift Station No. 2 upgrade will account for the future full development of Tukwila South.

STATUS: Generator replacement, concrete slab, pump upsizing, and replacement of pump's motor control system are scheduled for 2020/2021

MAINT. IMPACT: Reduce liability if the existing slab breaks the power connection at the sewer lift station.

COMMENT: See Tukwila South development agreement for future funding and ULID requirements.

FINANCIAL (in \$000's)	Through Estimated									TOTAL
	2019	2020	2021	2022	2023	2024	2025	2026	BEYOND	
EXPENSES										
Design	102	30							100	232
Land (R/W)										0
Const. Mgmt.		50	20						200	270
Construction	35	800	150						2,000	2,985
TOTAL EXPENSES	137	880	170	0	0	0	0	0	2,300	3,487
FUND SOURCES										
Awarded Grant										0
Proposed Bond/ULID									2,300	2,300
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	137	880	170	0	0	0	0	0	0	1,187
TOTAL SOURCES	137	880	170	0	0	0	0	0	2,300	3,487



PROFESSIONAL SERVICES AGREEMENT

(Includes consultants, architects, engineers, accountants, and other professional services)

THIS AGREEMENT is entered into between the City of Tukwila, Washington, hereinafter referred to as “the City”, and PACE Engineers, hereinafter referred to as “the Consultant”, in consideration of the mutual benefits, terms, and conditions hereinafter specified.

1. **Project Designation.** The Consultant is retained by the City to perform design and construction management services in connection with the projects titled Sewer Lift Station 2 Retrofit, Sewer Lift Station 4 Electrical Upgrades, and Sewer Lift Station 12 Wet Well Repair.
2. **Scope of Services.** The Consultant agrees to perform the services, identified on Exhibits “A” attached hereto, including the provision of all labor, materials, equipment and supplies.
3. **Duration of Agreement; Time for Performance.** This Agreement shall be in full force and effect for a period commencing upon execution and ending December 31, 2021, unless sooner terminated under the provisions hereinafter specified. Work under this Agreement shall commence upon written notice by the City to the Consultant to proceed. The Consultant shall perform all services and provide all work product required pursuant to this Agreement no later than December 31, 2021 unless an extension of such time is granted in writing by the City.
4. **Payment.** The Consultant shall be paid by the City for completed work and for services rendered under this Agreement as follows:
 - A. Payment for the work provided by the Consultant shall be made as provided on Exhibits “B” attached hereto, provided that the total amount of payment to the Consultant shall not exceed \$71,410.00 without express written modification of the Agreement signed by the City.
 - B. The Consultant may submit vouchers to the City once per month during the progress of the work for partial payment for that portion of the project completed to date. Such vouchers will be checked by the City and, upon approval thereof, payment shall be made to the Consultant in the amount approved.
 - C. Final payment of any balance due the Consultant of the total contract price earned will be made promptly upon its ascertainment and verification by the City after the completion of the work under this Agreement and its acceptance by the City.
 - D. Payment as provided in this section shall be full compensation for work performed, services rendered, and for all materials, supplies, equipment and incidentals necessary to complete the work.
 - E. The Consultant's records and accounts pertaining to this Agreement are to be kept available for inspection by representatives of the City and the state of Washington for a period of three (3) years after final payments. Copies shall be made available upon request.

5. **Ownership and Use of Documents.** All documents, drawings, specifications and other materials produced by the Consultant in connection with the services rendered under this Agreement shall be the property of the City whether the project for which they are made is executed or not. The Consultant shall be permitted to retain copies, including reproducible copies, of drawings and specifications for information, reference and use in connection with the Consultant's endeavors. The Consultant shall not be responsible for any use of the said documents, drawings, specifications or other materials by the City on any project other than the project specified in this Agreement.
6. **Compliance with Laws.** The Consultant shall, in performing the services contemplated by this Agreement, faithfully observe and comply with all federal, state, and local laws, ordinances and regulations, applicable to the services rendered under this Agreement.
7. **Indemnification.** The Consultant shall defend, indemnify and hold the City, its officers, officials, employees and volunteers harmless from any and all claims, injuries, damages, losses or suits including attorney fees, arising out of or resulting from the acts, errors or omissions of the Consultant in performance of this Agreement, except for injuries and damages caused by the sole negligence of the City.

Should a court of competent jurisdiction determine that this Agreement is subject to RCW 4.24.115, then, in the event of liability for damages arising out of bodily injury to persons or damages to property caused by or resulting from the concurrent negligence of the Consultant and the City, its officers, officials, employees, and volunteers, the Consultant's liability hereunder shall be only to the extent of the Consultant's negligence. It is further specifically and expressly understood that the indemnification provided herein constitutes the Consultant's waiver of immunity under Industrial Insurance, Title 51 RCW, solely for the purposes of this indemnification. This waiver has been mutually negotiated by the parties. The provisions of this section shall survive the expiration or termination of this Agreement.

8. **Insurance.** The Consultant shall procure and maintain for the duration of the Agreement, insurance against claims for injuries to persons or damage to property which may arise from or in connection with the performance of the work hereunder by the Consultant, its agents, representatives, or employees. Consultant's maintenance of insurance as required by the agreement shall not be construed to limit the liability of the Consultant to the coverage provided by such insurance, or otherwise limit the City's recourse to any remedy available at law or in equity.

A. **Minimum Amounts and Scope of Insurance.** Consultant shall obtain insurance of the types and with the limits described below:

1. **Automobile Liability** insurance with a minimum combined single limit for bodily injury and property damage of \$1,000,000 per accident. Automobile Liability insurance shall cover all owned, non-owned, hired and leased vehicles. Coverage shall be written on Insurance Services Office (ISO) form CA 00 01 or a substitute form providing equivalent liability coverage. If necessary, the policy shall be endorsed to provide contractual liability coverage.
2. **Commercial General Liability** insurance with limits no less than \$2,000,000 each occurrence, \$2,000,000 general aggregate. Commercial General Liability insurance shall be at least as broad as ISO occurrence form CG 00 01 and shall cover liability arising from premises, operations, stop-gap independent contractors and personal injury and advertising injury. The City shall be named as an additional insured under the Consultant's Commercial General Liability insurance policy with respect to the work performed for the City using an additional insured endorsement at least as broad as ISO endorsement form CG 20 26.
3. **Workers' Compensation** coverage as required by the Industrial Insurance laws of the State of Washington.

4. Professional Liability with limits no less than \$2,000,000 per claim and \$2,000,000 policy aggregate limit. Professional Liability insurance shall be appropriate to the Consultant's profession.
- B. **Public Entity Full Availability of Contractor Limits.** If the Contractor maintains higher insurance limits than the minimums shown above, the Public Entity shall be insured for the full available limits of Commercial General and Excess or Umbrella liability maintained by the Contractor, irrespective of whether such limits maintained by the Contractor are greater than those required by this Contract or whether any certificate of insurance furnished to the Public Entity evidences limits of liability lower than those maintained by the Contractor.
- C. **Other Insurance Provision.** The Consultant's Automobile Liability and Commercial General Liability insurance policies are to contain, or be endorsed to contain that they shall be primary insurance with respect to the City. Any Insurance, self-insurance, or insurance pool coverage maintained by the City shall be excess of the Consultant's insurance and shall not be contributed or combined with it.
- D. **Acceptability of Insurers.** Insurance is to be placed with insurers with a current A.M. Best rating of not less than A:VII.
- E. **Verification of Coverage.** Consultant shall furnish the City with original certificates and a copy of the amendatory endorsements, including but not necessarily limited to the additional insured endorsement, evidencing the insurance requirements of the Contractor before commencement of the work. Upon request by the City, the Consultant shall furnish certified copies of all required insurance policies, including endorsements, required in this Agreement and evidence of all subcontractors' coverage.
- F. **Notice of Cancellation.** The Consultant shall provide the City with written notice of any policy cancellation, within two business days of their receipt of such notice.
- G. **Failure to Maintain Insurance.** Failure on the part of the Consultant to maintain the insurance as required shall constitute a material breach of contract, upon which the City may, after giving five business days notice to the Consultant to correct the breach, immediately terminate the contract or, at its discretion, procure or renew such insurance and pay any and all premiums in connection therewith, with any sums so expended to be repaid to the City on demand, or at the sole discretion of the City, offset against funds due the Consultant from the City.
9. **Independent Contractor.** The Consultant and the City agree that the Consultant is an independent contractor with respect to the services provided pursuant to this Agreement. Nothing in this Agreement shall be considered to create the relationship of employer and employee between the parties hereto. Neither the Consultant nor any employee of the Consultant shall be entitled to any benefits accorded City employees by virtue of the services provided under this Agreement. The City shall not be responsible for withholding or otherwise deducting federal income tax or social security or for contributing to the state industrial insurance program, otherwise assuming the duties of an employer with respect to the Consultant, or any employee of the Consultant.
10. **Covenant Against Contingent Fees.** The Consultant warrants that he has not employed or retained any company or person, other than a bonafide employee working solely for the Consultant, to solicit or secure this contract, and that he has not paid or agreed to pay any company or person, other than a bonafide employee working solely for the Consultant, any fee, commission, percentage, brokerage fee, gifts, or any other consideration contingent upon or resulting from the award or making of this contract. For breach or violation of this warrant, the City shall have the right to annul this contract without liability, or in its discretion to deduct from the contract price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift, or contingent fee.

11. **Discrimination Prohibited.** Contractor, with regard to the work performed by it under this Agreement, will not discriminate on the grounds of race, religion, creed, color, national origin, age, veteran status, sex, sexual orientation, gender identity, marital status, political affiliation, the presence of any disability, or any other protected class status under state or federal law, in the selection and retention of employees or procurement of materials or supplies.
12. **Assignment.** The Consultant shall not sublet or assign any of the services covered by this Agreement without the express written consent of the City.
13. **Non-Waiver.** Waiver by the City of any provision of this Agreement or any time limitation provided for in this Agreement shall not constitute a waiver of any other provision.
14. **Termination.**
 - A. The City reserves the right to terminate this Agreement at any time by giving ten (10) days written notice to the Consultant.
 - B. In the event of the death of a member, partner or officer of the Consultant, or any of its supervisory personnel assigned to the project, the surviving members of the Consultant hereby agree to complete the work under the terms of this Agreement, if requested to do so by the City. This section shall not be a bar to renegotiations of this Agreement between surviving members of the Consultant and the City, if the City so chooses.
15. **Applicable Law; Venue; Attorney's Fees.** This Agreement shall be subject to, and the Consultant shall at all times comply with, all applicable federal, state and local laws, regulations, and rules, including the provisions of the City of Tukwila Municipal Code and ordinances of the City of Tukwila. In the event any suit, arbitration, or other proceeding is instituted to enforce any term of this Agreement, the parties specifically understand and agree that venue shall be properly laid in King County, Washington. The prevailing party in any such action shall be entitled to its attorney's fees and costs of suit. Venue for any action arising from or related to this Agreement shall be exclusively in King County Superior Court.
16. **Severability and Survival.** If any term, condition or provision of this Agreement is declared void or unenforceable or limited in its application or effect, such event shall not affect any other provisions hereof and all other provisions shall remain fully enforceable. The provisions of this Agreement, which by their sense and context are reasonably intended to survive the completion, expiration or cancellation of this Agreement, shall survive termination of this Agreement.
17. **Notices.** Notices to the City of Tukwila shall be sent to the following address:

City Clerk
City of Tukwila
6200 Southcenter Boulevard
Tukwila, WA 98188

Notices to Consultant shall be sent to the following address:

Ken Nilsen, P.E.
11255 Kirkland Way #300
Kirkland, WA 98033
18. **Entire Agreement; Modification.** This Agreement, together with attachments or addenda, represents the entire and integrated Agreement between the City and the Consultant and supersedes all prior negotiations, representations, or agreements written or oral. No amendment or modification of this Agreement shall be of any force or effect unless it is in writing and signed by the parties.

DATED this _____ day of _____, 20_____.

CITY OF TUKWILA

CONSULTANT

Allan Ekberg, Mayor

By: _____

Printed Name: _____

Title: _____

Attest/Authenticated:

Approved as to Form:

City Clerk, Christy O'Flaherty

Office of the City Attorney



November 3, 2020

Mr. Adib Altallal
Public Works
City of Tukwila
6300 Southcenter Blvd
Tukwila, Washington 98188

**Subject: *Lift Station Retrofit Projects (LS's #2, #4 and #12)
Proposal for Construction Support Services - Revised***

Dear Adib:

PACE Engineers, Inc., appreciates the opportunity to submit this proposal for providing construction administration support for the Lift Stations Retrofit (LS #2, #4 and #12) Project.

It is our understanding that the City will be providing the inspection and construction management for this project but would like support from the PACE team for specific items associated with the construction and pump station start-up. Follett Engineers, the electrical consultant on this project, will be supporting PACE in this effort along with QCIC which will provide coating inspection. Based on our understanding, our proposed scope of work is as follows:

Scope of Work – Construction Support Services

1. Attend the pre-construction conference.
2. Review material submittals for compliance with the contract documents for all three lift stations with Follet Engineers coordinating all the electrical submittals.
3. Respond to RFIs and contractor questions for all three lift stations with Follet Engineers coordinating all the electrical RFI's and Systems Interface (under separate contract with the City) providing additional support on LS #4 as needed.
4. Prepare change orders as necessary, including all documentation and coordination with the contractor.
5. Attend the pump station start-up and testing for LS #2 and LS #4 (LS #12 does not require start-up).
6. Final walk through and punch list for all three lift stations with Follet Engineers coordinating all the electrical submittals.
7. Provide inspection of the coating for LS #12 wetwell rehab. QCIC has budgeted 3-site visits for this process.

Fee Estimate

We propose to provide the services listed above on a time-and-expense basis for a fee of **\$48,412**. The breakdown for the above fee is shown on the attached budget worksheets. This amount is not to be exceeded without prior authorization for revised or additional scope of services. If the City would like the PACE team to provide inspection or other construction support services, we would be happy to

November 3, 2020
Mr. Adib Altallal
City of Tukwila
Page 2 of 2

Engineers | Planners | Surveyors

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include those additional services.

Again, we are pleased to submit this scope of work to accomplish the above tasks for the Lift Station Retrofit Projects. Please do not hesitate to contact me at 425.827.2014 or kenn@paceengrs.com if you have any comments or questions.

Sincerely,

PACE Engineers, Inc.



Kenneth H. Nilsen, P.E.
Vice President

Attachment

SCOPE OF SERVICES LS #2 REVISIONS INCL. NEW FORCEMAIN, LS #4 and LS #12 Bid Documents

Project Understanding

The existing sanitary sewer Lift Station No. 2 located at the southwest corner of Andover Park West and Minkler Boulevard is a critical infrastructure serving the area south of Minkler Boulevard from I-5 on the west to the Green River and City limits on the east. The forcemain leaving Lift Station No. 2 recently experienced a break requiring emergency repairs. City staff would like to replace this existing forcemain with a new line that is sized for the future build out flows and to straighten the alignment within the road section.

The PACE team had previously prepared a combined set of construction documents for LS #2, LS #4 and LS #12. It is the City's desire to split out LS #4 and LS#12 into a separate set of construction documents and also create a new set of construction documents for LS #2 including the proposed forcemain improvements with Andover Park West. This attached scope of work and budget plan provides for:

- Creating a separate set of construction plans and specs for LS #4 and LS #12. This includes both civil and electrical work
- Creating a new set of construction plans and specs for LS #2, including the previously designed civil and electrical improvements along with the new forcemain design within Andover Park West.
-

Scope of Services

This proposal includes necessary civil and electrical services necessary to bring these projects to construction this winter. PACE will be the prime consultant for the entire Scope of Work and will oversee and administer this Scope of Work. PACE will complete all civil engineering services in-house. PACE will subcontract with Follett Engineering for the electrical engineering portion of the project.

We anticipate starting this work immediately. The estimated cost for this work is approximately **\$23,000** - (see Exhibit B). The budget is based on our 2021 Municipal Rates.

SCOPE OF WORK

Task 1 – Project Management/Coordination/Meetings

PACE will provide project administration and coordination of the project. The following items are included in this task:

- Attend coordination meetings with the City as required. For budgetary purposes we are budgeting one review meeting with the City.
- Coordination with subconsultant (Follett Engineering).
- In-house project administration, scheduling, and direction of design team staff.
- Quality Assurance review of all plans and documents.

Task 2 – Construction Document Update

The PACE Team will update the plans and specifications to produce new bid ready sets of bid documents with the anticipation of going to bid the winter. Specific items are as follows:

- Update the Project Manual (specifications) specific to LS #2 improvements including the new forcemain.
- Update the Project manual for a combined project including both LS #4 and LS #12.
- Update the civil and electrical plans set specific to LS #2 including the new forcemain.
- PACE will also confirm the hydraulics of the new forcemain to verify the size of the new main (it is anticipated that an 18-inch forcemain is sufficient) including the determination if there is sufficient size within the drywell to upsize the existing and proposed pipes and fittings. If there is insufficient room within the drywell, the upsizing would occur outside of the lift station.
- Update the civil and electrical plans set specific to the combined project including LS #4 and LS #12 as previously designed.
- Provide updated anticipated construction cost estimates for each project.

Project Name:	Tukwila LS's	Location:	Tukwila	Prepared By:	KHN
Project #:	Billing Group #:	Task #:		Date:	11/2/2020

Staff Type # (See Labor Rates Table)	Staff Type Hourly Rate	Labor Hours by Classification										Hour Total
		1	14	75	118							
Drawing/Task Title	Job Title	Senior Principal Engineer	Project Engineer	CAD Tech II	Sr. Project Administrator							
CM SUPPORT												
Task 5 - CM Support LS's		15	68	6	2							91
Precon (one meeting all 3 LS's)			6									6.0
Submittal Reviews (all 3 LS's - electrical to Vince)		4	16									20.0
RFI's (all 3 LS's - electrical to Vince)		2	12									14.0
Pump Station Start-up (#2 only - Vince only #4 and #12 not needed)		2	6									8.0
Punch List and Final walk through (all 3 LS's)		2	12									14.0
Addendums (all 3 LS's)		1	8	4	2							15.0
Misc Items		4	8	2								14.0
Hours Total		15.0	68.0	6.0	2.0							91.0
Labor Total		\$3,540	\$11,356	\$708	\$236							\$15,840.00

Expenses	rate/unit	Reimbursable	
		Quantity	Cost
Postage/Courier			
Plotter			
Photo/Video			
Mileage/Travel/Per Diem			
Miscellaneous			
Technology Fee (2% of labor)			\$316.80
Total			\$316.80

Subconsultants	
Electrical LS #2 CM	\$12,274
Electrocal LS #4 CM	\$12,274
Coating Inspection LS#12	\$3,500
Subconsultant Subtotal	28,048.00
Markup	15%
Total	\$32,255.20

PACE Billed Labor Total	\$15,840.00
Reimbursable Expenses	\$316.80
Subconsultants	\$32,255.20
Total Project Budget	\$48,412.00

PACE Engineers

Project Budget Worksheet - 2021 Washington EOR Rates

Project Name: **LS #2 Revisions Incl New Foremain** Location: **Tukwila** Prepared By: **KN**
 Project #: Billing Group #: Task #: Date: **1/22/2021**

Labor Hours by Classification												
Staff Type # (See Labor Rates Table) Staff Type Hourly Rate	Labor Code	1	14	74	118							
		\$240	\$170	\$132	\$120							
Drawing/Task Title	Job Title	Senior Principal Engineer	Project Engineer	CAD Tech III	Sr. Project Administrator						Hour Total	Dollar Total
Task 1 - Project Management		8									8.0	\$1,920
Task 2 -Revisions to Plans Civil and electrical												
Civil Plans		4	36	24							64.0	\$10,248
Electrical Plans		2	2								4.0	\$820
Specifications		2	4		16						22.0	\$3,080
QA		4	4		2						10.0	\$1,880
Hours Total		20.0	46.0	24.0	18.0						108.0	
Labor Total		\$4,800	\$7,820	\$3,168	\$2,160							\$17,948.00

Expenses	rate/unit	Reimbursable	
		Quantity	Cost
Postage/Courier			
Plotter			
Photo/Video			
Mileage/Travel/Per Diem			
Miscellaneous			
Technology Fee (2% of labor)			\$450.00
Total			\$450.00

Subconsultants	
Utility Locate	
Mechanical Engineer	
Electrical Engineer	\$4,000
Geotechnical Engineer	
I & C Engineer	
Subconsultant Subtotal	4,000.00
Markup	15%
Total	\$4,600.00

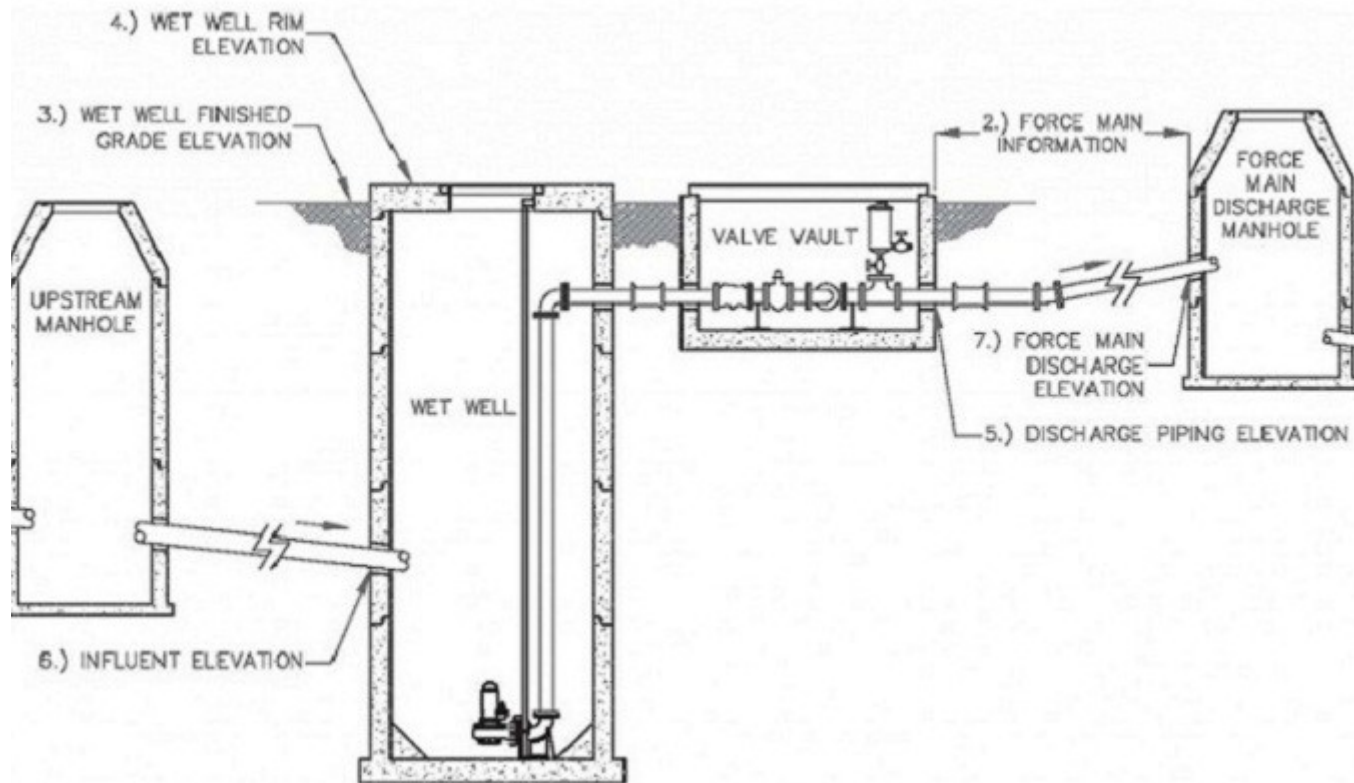
PACE Billed Labor Total	\$17,948.00
Reimbursable Expenses	\$450.00
Subconsultants	\$4,600.00
Total Project Budget	\$22,998.00

**PACE Engineers, Inc. 2021 Washington
Billing Rate Table = Engineer of Record Rates**

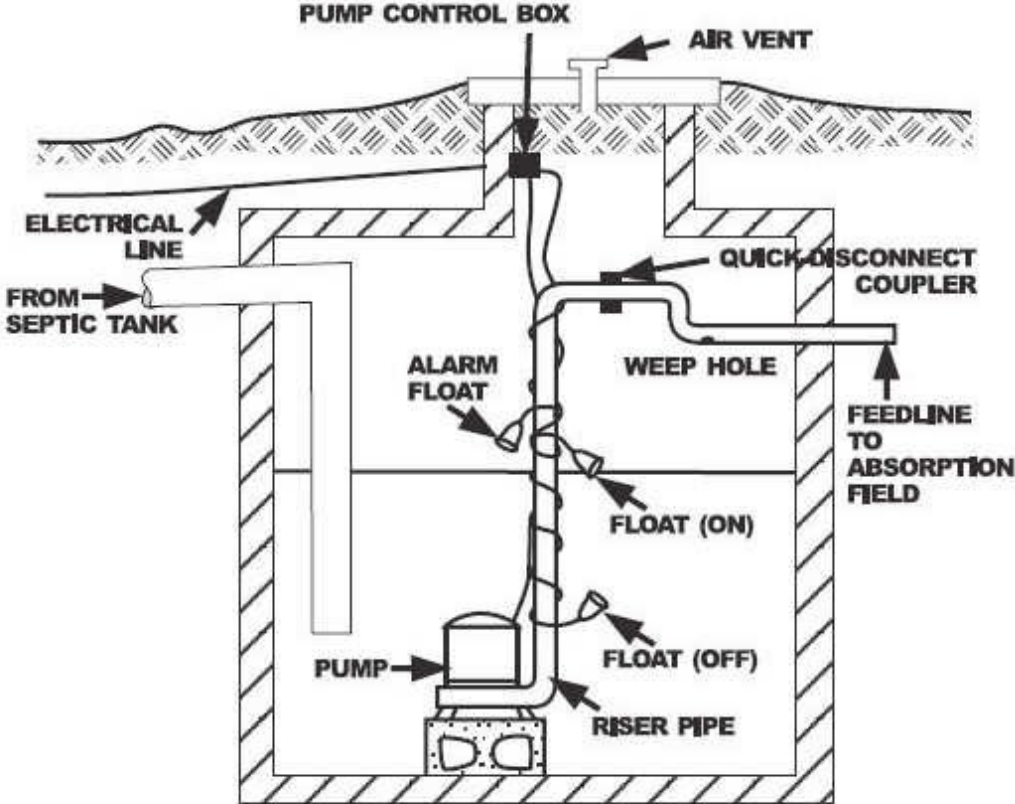
Staff Type	ST#	Billing Rate
Senior Principal Engineer	1	\$240.00
Senior Principal Planner	2	\$240.00
Principal Engineer	10	\$222.00
Sr. Project Manager	11	\$205.00
Project Manager	12	\$190.00
Sr. Project Engineer	13	\$180.00
Project Engineer	14	\$170.00
Sr. Engineer	15	\$158.00
Engineer II	16	\$132.00
Engineer I	17	\$120.00
Jr. Engineer	18	\$109.00
Sr. Structural Engineer	19	\$180.00
Sr. Project Designer	20	\$180.00
Project Designer II	21	\$170.00
Project Designer I	22	\$158.00
Project Designer	23	\$144.00
Designer II	24	\$120.00
Designer I	25	\$109.00
Designer III	26	\$132.00
Designer	27	\$92.00
IT Manager	28	\$180.00
Principal Planner	30	\$222.00
Sr. Project Planner	31	\$180.00
Project Planner	32	\$170.00
Sr. Planner	33	\$158.00
Planner III	34	\$144.00
Planner II	35	\$132.00
Planner I	36	\$120.00
Jr. Planner	37	\$92.00
Planner	38	\$109.00
Intern	39	\$74.00
Sr. Principal Surveyor	40	\$205.00
Principal Surveyor	41	\$190.00
Survey Project Manager	43	\$180.00
Sr. Project Surveyor	44	\$170.00
Sr. Survey Tech	45	\$144.00
Project Surveyor	46	\$158.00
Survey Tech II	48	\$92.00
Survey Tech I	49	\$74.00
Survey Tech IV	51	\$120.00
Two-Person Crew	58	\$205.00
Sr. Two-Person Crew	59	\$222.00
GIS Analyst III	62	\$144.00
GIS Analyst II	63	\$132.00
GIS Analyst I	64	\$120.00
GIS Tech	65	\$109.00
Sr. Project GIS Analyst	66	\$170.00
Sr. GIS Analyst	67	\$158.00
Engineer III	68	\$144.00

**PACE Engineers, Inc. 2021 Washington
Billing Rate Table = Engineer of Record Rates**

Staff Type	ST#	Billing Rate
Survey Tech III	69	\$109.00
CAD Manager	70	\$158.00
Sr. CAD Tech	71	\$144.00
CAD Tech	72	\$92.00
Project CAD Tech	73	\$158.00
CAD Tech III	74	\$132.00
CAD Tech II	75	\$120.00
CAD Tech I	76	\$109.00
Jr. CAD Tech	77	\$74.00
Sr. Project Inspector	80	\$158.00
Sr. Inspector	81	\$144.00
Inspector III	82	\$132.00
Inspector II	83	\$120.00
Inspector I	84	\$109.00
Inspector	85	\$92.00
Jr. Inspector	86	\$74.00
Engineer Tech	87	\$74.00
Engineer Tech I	88	\$92.00
Planning Project Manager	89	\$190.00
Project Administrator	91	\$109.00
Sr. Office Tech	92	\$92.00
Office Tech III	93	\$74.00
Office Tech II	94	\$63.00
Office Tech I	95	\$49.00



Pumping tank (generic)



Source: US EPA, Purdue University 1990



TO: Transportation & Infrastructure Committee
FROM: Hari Ponnekanti, Public Works Director
BY: Garron Herdt, Fleet Superintendent
CC: Mayor Allan Ekberg
DATE: February 5, 2021
**SUBJECT: Fleet Purchase Replacement
Surface Water Vactor Unit 2326**

ISSUE

Approve the purchase of the replacement Vactor truck that was included in the 2019/2020 Budget and inadvertently left out of the 2021/2022 Budget as a carryover item.

BACKGROUND

The 2009 Vactor Unit 2311 used solely by the Surface Water Department was scheduled for replacement in 2020. Factors such as Fleet staffing, department and vendor specifications, meeting availability, and COVID-19 ramifications caused significant delay to the purchasing process. The replacement Vactor was not purchased as budgeted in 2020. During the 2021/2022 budget process, this approved expenditure was inadvertently not included in the 2021 carryover notice to Finance.

ANALYSIS

The 2009 Vactor Unit 2311 has reached its 10-year replacement period and costs for repair are increasing. The unit should be replaced for continued timely and efficient maintenance. Funds were allocated for in the 2019-2020 Budget and an amendment is being requested in order to purchase the replacement in 2021.

FISCAL IMPACT

The Fleet Replacement Program allotted \$593,000 in the 501-fund balance for the replacement of Vactor Unit 2311 with a new Vactor Unit 2326. The 2019/2020 Biennial Budget had \$600,000 budgeted. The current cost of the final version of the Surface Water Vactor truck is \$540,500.

RECOMMENDATION

Council is being asked to approve the purchase of Vactor Unit 2326 for \$540,500 using 501 Fleet Replacement funding in the Surface Water fund that will be included in the annual budget amendment process for 2021/2022 and consider this item on the Consent Agenda at the February 22, 2021 Special Meeting.

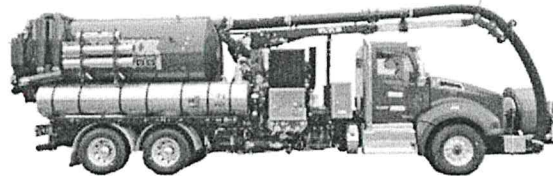
Attachments: Proposal Summary
2019/2020 Biennial Budget
Purchase Order



FINAL

Owen Equipment Presents a Proposal Summary

of the



2100i Plus

Combination Single Engine Dual Stage Sewer Cleaner with Hydrostatic Driven Vacuum System Mounted on a Heavy Duty Freightliner 114SD Tandem Rear Axle Truck Chassis

for

**Garron Herdt
City of Tukwila
14000 Interurban Ave. South
Tukwila, WA 98168**

List Summary

Order Qty	Part Number	Description	List Price
1	2110-SE2-PLUS	2100i Single Engine Fan, Dual Stage, 10 yrd Debris, Combo	\$250,663.00
1	2018P	Additional Water, 1500 Gal Total (10 yrd)	\$4,111.00
1	3002PSTD	Vacuum, Single Engine - Dual Stage Fan	\$0.00
1	5002PA	80 GPM/2500 PSI	\$0.00
1	009PSTD	Control Panel Box	\$0.00
1	011PSTD	Aluminum Fenders	\$0.00
1	012PSTD	Mud Flaps	\$0.00
1	014PSTD	Electric/Hydraulic Four Way Boom	\$0.00
1	016PSTD	Color Coded Sealed Electrical System	\$0.00
1	019PASTD	Intuitouch Electronic Package	\$0.00
1	020PSTD	Double Acting Hoist Cylinder	\$0.00
1	025PSTD	Handgun Assembly w/35' x 1/2" Hose w/Quick Disconnects	\$0.00
1	026PSTD	Ex-Ten Steel Cylindrical Debris Tank	\$0.00
1	030PSTD	Flexible Hose Guide	\$0.00
1	032PSTD	(3) Nozzles with Carbide Inserts w/Rack	\$0.00
1	045PSTD	Suction Tube Storage - 4 Pipe	\$0.00
1	046PSTD	1" Nozzle Pipe	\$0.00
1	1001PSTD	Flat Rear Door w/Hydraulic Locks	\$0.00
1	1005PSTD	Dual Stainless Steel Float Shut Off System	\$0.00
1	1024PSTD	Debris Body Vacuum Relief System	\$0.00
1	1031PSTD	Debris Deflector Plate	\$0.00
1	1033PSTD	60" Dump Height	\$0.00
1	2001PSTD	Low Water Alarm with Water Pump Flow Indicator	\$0.00
1	2011PSTD	3" Y-Strainer at Passenger Side Fill	\$0.00
1	2022PSTD	Additional Water Tank Sight Gauge	\$0.00
1	2023PSTD	Liquid Float Level Indicator	\$0.00
1	3019PSTD	Digital Water Pressure Gauge	\$0.00
1	4006PSTD	Joystick Boom Control	\$0.00
1	4010PSTD	Boom Hose Storage, Post for 10 x 15 RDB	\$0.00
1	5010PSTD	Rodder System Accumulator - Jack Hammer on/off Control w/ manual valve	\$0.00
1	5011PSTD	3" Y-Strainer @ Water Pump	\$0.00
1	5012PSTD	Performance Package	\$0.00
1	5014PSTD	1" Water Relief Valve	\$0.00
1	5015PSTD	Midship High Pressure Coupling	\$0.00
1	5022PSTD	Side Mounted Water Pump	\$0.00
1	6005PDSTD	Digital Hose Footage Counter	\$0.00
1	6007PSTD	Hose Reel Manual Hyd Extend/Retract	\$0.00
1	6009PSTD	Hose Reel Chain Cover	\$0.00
1	6020PBSTD	Hydraulic Extending 15", Rotating Hose Reel, 1" x 800' Capacity	\$0.00
1	6017PSTD	Hydraulic Tank Shutoff Valves	\$0.00
1	7001PSTD	Tachometer/Chassis Engine w/Hourmeter	\$0.00
1	7003PSTD	Water Pump Hour Meter	\$0.00

1	7004PSTD	PTO Hour Meter	\$0.00
1	7005PSTD	Hydraulic Oil Temp Alarm	\$0.00
1	8000PSTD	Circuit Breakers	\$0.00
1	8025PSTD	LED Lights, Clearance, Back-up, Stop, Tail & Turn	\$0.00
1	9002PSTD	Tow Hooks, Front	\$0.00
1	9002PSTD	Tow Hooks, Rear	\$0.00
1	9003PSTD	Electronic Back-Up Alarm	\$0.00
1	S390BSTD	7" Vacuum Pipe Package	\$0.00
1	S560STD	Emergency Flare Kit	\$0.00
1	S590STD	Fire Extinguisher 5 Lbs.	\$0.00
1	1003P	Debris Body Washout	\$1,546.00
1	1003PB	Rear Door Valve Flushout	\$423.00
1	1004PB	Onboard Electronic/Digital Scale system with Vacuum Relief	\$12,692.00
1	1007P	6" Rear Door Butterfly Valve, 3:00 position	\$824.00
1	1007PA	6" Rear Door Butterfly Valve w/Port & Fixed Basket Screen, 6:00 position	\$1,051.00
1	1009PD	Full Rear Door Swinging Screen	\$788.00
1	1014P	Centrifugal Separators (Cyclones)	\$5,405.00
1	1015PHA	Folding Pipe Rack, Curbside, Hydraulic, 7" Pipe	\$2,004.00
1	1015PAJ	Folding Pipe Rack, Streetside, Hydraulic, 7" Pipe	\$2,004.00
1	1015PBKSTD	Fixed Rear Door Pipe Rack, 7" Pipe	\$0.00
1	1022P	Rear Door Splash Shield	\$1,574.00
1	1023P	Lube Manifold	\$2,337.00
1	1023PA	Plastic Lube Chart, included with Lube Manifold	\$0.00
1	1026P	Debris Body Vibrator, Electric	\$2,750.00
1	2004P	Continuous Water Tank Fill	\$1,761.00
1	2006P	Air Purge	\$1,324.00
1	2021P	3" Y-Strainer at Driver Side Fill	\$737.00
1	3013PB	Vacuum, Vac on the Go for the Single Engine Fan	\$33,307.00
1	4009PSTD	Water Ring Assembly, At Hose End	\$0.00
1	3020P	Digital Water Level Indicator	\$688.00
1	4016P	180 deg. 10' x 15' Rapid Deployment Boom	\$22,089.00
1	4011PB	Bellypack Wireless Controls with hose reel controls, 2-way communications, and LCD Display	\$3,184.00
1	4013PB	Rotatable Boom Inlet Hose, 10 x 15 RDB	\$579.00
1	5015P	High Pressure Couplers, Front and Rear	\$617.00
1	5021PC	Hydro Excavation Kit - Includes Lances, Nozzles, Storage Tray, and Vacuum Tubes	\$3,936.00
1	5023P	Fan Flushout System	\$510.00
1	6002PB	600' x 1" Piranha Sewer Hose 2500 PSI in lieu of STD	\$927.00
1	6004PB	Hose Wind Guide (Dual Roller), Auto, Indexing with Pinch Roller	\$5,209.00
1	6014PA	2 High Pressured Hose Reels	\$2,875.00
1	6019P	Rodder Pump Drain Valves	\$500.00
1	6026P	Washington State DOT Legal Front Hose Reel	\$0.00
1	6027PA	25' Leader Hose (in lieu of standard)	\$555.00
1	6031P	Front Hose Reel Storage	\$300.00
1	8001PB	Rear Directional Control, Signal Master LED Arrow Stick, 8 Lights	\$2,062.00

1	8008P	Brackets and Wiring for Customer Installed Strobe/Revolving Light, Rear	\$428.00
1	8020PL	14 Light Package, 14 Federal Signal Strobe Lights, LED	\$3,295.00
1	8027P	LED Mid-Ship Turn Signals	\$545.00
1	8028P	Worklights (2), LED, 10 x 15 RDB	\$805.00
1	8029P	Worklights (2), LED, Rear Door	\$654.00
1	8029PA	Worklight, LED, Operators Station	\$657.00
1	8029PB	Worklight, LED, Hose Reel Manhole	\$657.00
1	8029PC	Worklight, LED, Curb Side	\$328.00
1	8029PD	Worklight, LED, Street Side	\$328.00
1	8030P	Hose Reel Wrapped for Delivery	\$0.00
1	9021PB	Camera System, Front, Rear and Both Sides	\$1,213.00
1	9023PA	Safety Cone Storage Rack - Post Style	\$165.00
1	9023PC	Additional Safety Cone Storage Rack - Post Style	\$165.00
1	9070PB	Long Handle Tool Storage	\$352.00
1	9071PE	Toolbox, Behind Cab - 16w 30h x 96d	\$3,185.00
1	9072PB	Toolbox, Driver Side Chassis Frame, 24w x 24h x 24d	\$1,612.00
1	9075PC	Toolbox, Driver Side Subframe, 36w x 20h x 12d	\$1,333.00
1	P112STD	Module Paint, DuPont Imron Elite - Sanded Primer Base	\$0.00
1	P124STD	Vactor 2100i Body Decal, Standard	\$0.00
1	LOGO-APPL.	Vactor/Guzzler Logos - Applied	\$0.00
2	500655B-30	2 Total Vactor Standard Manuals and USB Version	\$150.00
2	500655-30	2 Total Printed Full Vactor Manuals	\$300.00
1	Chassis- Mod	Chassis Modifications Charges	\$1,250.00
1	EW-V2-NA-5PL	Extended Factory Warranty - 5Yrs	\$13,889.00

Factory Price: \$400,643.00

Sourcewell Discount: (\$12,019.29)

Vactor Body Total: \$388,623.71

Open Market Items

High Pressure Hose Reel mounted on right front bumper behind boom post facing curb, second High Pressure Reel mounted mid ship curbside.....N/C
 VR8035 Invertor 110V, 3000 Watt, GFI Electrical Outlet with outlet in cab between seats.....\$3,296.00
 KEG Rambo Penetrating Nozzle Part # 100068-C for 8"+ pipes.....\$1,161.22
 Warthog Magnum Nozzle for 8'-36" pipes Part # WGR-PKG.....\$3,005.00
 KEG Super Cutter Plus 150 Part # 200242-C.....\$6,451.05
 KEG Super Cutter Expansion Kit Part# 200903-C.....\$2,007.99
Freightliner 114SD Tandem Rear Axle, Dual Air Ride Seats, Heated Power Mirrors.....\$124,212.00
Freightliner Upgrades Cummins X12 430HP Engine, Allison 4000RDS, Aluminum Wheels, Power Windows, Power Door Locks, Wiring for CB Radio, Two Switches in Dash for Accessories.....\$5,580.00
Deliver to City of Tukwila, WA Public Works: \$4,600.00

Trade in Vactor Model 2100 Fan S/N: 08-12V-11520: (\$50,000.00)

Sub Total: \$488,936.97

Kent Sales Tax 10.4%: \$50,849.44

Total: \$539,786.41

Price valid for 60 Days from date of 1/6/2021

PROPOSAL DATE: 1/06/2021
QUOTE NUMBER: 2020-38026
Price List Date: 7/1/2019
PO NUMBER:

QTY: _____ Customer Initials: _____

PAYMENT TERMS:

PROPOSAL NOTES:

1. Multiple unit orders will be identical to signed proposal. Changes or deviations to any unit of a multiple unit order will requires a new signed proposal.
2. Chassis specifications and data codes for customer supplied chassis must be submitted to and approved by Vactor Manufacturing prior to submittal of customer purchase order
3. All prices quoted are in US Dollars unless otherwise noted.
4. This proposal incorporates, and is subject to, Vactor Manufacturing's standard terms and conditions attached hereto and made a part hereof.

SIGNED BY:

_____ Date: _____

LIMITED WARRANTY

Limited Warranty. Each machine manufactured by VACTOR MANUFACTURING (or, "the Company") is warranted against defects in material and workmanship for a period of 12 months, provided the machine is used in a normal and reasonable manner and in accordance with all operating, maintenance and safety instructions. In addition, certain machines and components of certain machines have extended warranties as set forth below. If sold to an end user, the applicable warranty period commences from the date of delivery to the end user. If used for rental purposes, the applicable warranty period commences from the date the machine is first made available for rental by the Company or its representative. This limited warranty may be enforced by any subsequent transferee during the warranty period. This limited warranty is the sole and exclusive warranty given by the Company.

STANDARD EXTENDED WARRANTIES (Total Warranty Duration)

2100 Series, HXX Series and Jetters

10 years against water tank leakage due to corrosion. nonMetallic water tanks are covered for 5 yrs against any factory defect in material or workmanship.

2100 Series, HXX Series and Guzzler only

5 years against leakage of debris tank, centrifugal compressor or housing due to rust-through.

2100 Series and Jetters

2 years - Vactor Rodder Pump

Exclusive Remedy. Should any warranted product fail during the warranty period, the Company will cause to be repaired or replaced, as the Company may elect, any part or parts of such machine that the Company's examination discloses to be defective in material or factory workmanship. Repairs or replacements are to be made at the selling Company's authorized dealer's or distributor's location or at other locations approved by the Company. In lieu of repair or replacement, the Company may elect, at its sole discretion, to refund the purchase price of any product deemed defective. The foregoing remedies shall be the sole and exclusive remedies of any party making a valid warranty claim.

This Limited Warranty shall not apply to (and the Company shall not be responsible for):

1. Major components or trade accessories that have a separate warranty from their original manufacturer, such as, but not limited to, trucks and truck chassis, engines, hydraulic pumps and motors, tires and batteries.
2. Normal adjustments and maintenance services.
3. Normal wear parts such as, but not limited to, oils, fluids, vacuum hose, light bulbs, fuses and gaskets.
4. Failures resulting from the machine being operated in a manner or for a purpose not recommended or not in accordance with operating, maintenance or safety instructions by the Company.
5. Repairs, modifications or alterations without the express written consent of the Company, which in the Company's sole judgment, have adversely affected the machine's stability, operation or reliability as originally designed and manufactured.
6. Items subject to misuse, negligence, accident or improper maintenance.

NOTE The use in the product of any part other than parts approved by the Company may invalidate this warranty. The Company reserves the right to determine, in its sole discretion, if the use of non-approved parts operates to invalidate the warranty. Nothing contained in this warranty shall make the Company liable for loss, injury, or damage of any kind to any person or entity resulting from any defect or failure in the machine.

THIS WARRANTY SHALL BE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND TO THE EXTENT PERMITTED, CONFERRED BY STATUTE, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY AGAINST FAILURE OF ITS ESSENTIAL PURPOSE, ALL OF WHICH ARE DISCLAIMED.

This warranty is in lieu of all other obligations or liabilities, contractual and otherwise, on the part of the Company. For the avoidance of doubt, the Company shall not be liable for any indirect, special, incidental or consequential damages, including, but not limited to, loss of use or lost profits. The Company makes no representation that the machine has the capacity to perform any functions other than as contained in the Company's written literature, catalogs or specifications accompanying delivery of the machine. No person or affiliated company representative is authorized to alter the terms of this warranty, to give any other warranties or to assume any other liability on behalf of the Company in connection with the sale, servicing or repair of any machine manufactured by the Company. Any legal action based hereon must be commenced within eighteen (18) months of the event or facts giving rise to such action. The Company reserves the right to make design changes or improvements in its products without imposing any obligation upon itself to change or improve previously manufactured products.



VACTOR MANUFACTURING
1621 S. Illinois Street
Streator, IL 61364



TERMS AND CONDITIONS

ORDERS: All orders are subject to acceptance by Vactor Manufacturing, Inc. or Guzzler Manufacturing, Inc. (hereafter referred to as Vactor). Orders for products not normally carried in stock or requiring special engineering or manufacturing is in every case subject to approval by Vactor's Management.

PRICES: All orders are subject to current prices in effect at the time of order acknowledgment

F.O.B. POINT: Unless otherwise stated, all prices listed are F.O.B. factory.

PAYMENT TERMS: The company's payment terms are due upon receipt, unless otherwise stated. However, until such time as Vactor receives full payment, Vactor shall maintain a purchase money security interest in the product.

CANCELLATION: Orders cannot be cancelled except upon terms that will compensate Vactor for any loss or damage sustained. Such loss will be a minimum of 10% of the purchase price.

SHIPMENT: All proposals are based on continuous and uninterrupted delivery of the order upon completion, unless specifications distinctly state otherwise. In the event that agreement is reached for Vactor to store completed items, they will be immediately invoiced to the customer and become due and payable. Storage shall be at the risk of the customer and Vactor shall be liable only for ordinary care of the property.

STORAGE CHARGES: Vactor shall charge the customer at current rates for handling and storing customer's property (e.g. truck chassis) held for more than thirty (30) days after notification of availability for shipment. All customer's property, or third party's property, that is stored by Vactor is at the customer's or other party's risk. Vactor is not liable for any loss or damage thereto caused by fire, water, corrosion, theft, negligence, or any cause beyond its reasonable control.

PERFORMANCE: Vactor shall not be liable for failure to complete the contract in accordance with its terms if failure is due to wars, strikes, fires, floods, accidents, delays in transportation or other causes beyond its reasonable control.

EXPERIMENTAL WORK: Work performed at customer's request such as sketches, drawings, design, testing, fabrication and materials shall be charged at current rates.

SKETCHES, ENGINEERING DRAWINGS, MODELS and all preparatory work created or furnished by Vactor, shall remain its exclusive property; and no use of same shall be made nor may ideas obtained therefrom be used except with the consent of and on terms acceptable to Vactor.

TAXES: Buyer's final cost shall include all applicable sales and use taxes, including all sales and use taxes attributable to any changes made to Buyer's initial order placed hereunder or to

any changes to applicable sales and use tax laws. However, Vactor Manufacturing, Inc. shall be responsible for Federal Excise Tax (F.E.T.) unless it is separately stated on the invoice and added to the selling price. If F.E.T. is not separately stated on the invoice it has not been included in the price and Vactor will pay any F.E.T. due itself and bear the cost of the tax. Any refunds or adjustments to F.E.T. in such cases belong to Vactor.

PRODUCT IMPROVEMENT: Vactor reserves the right to change manufacturing specifications and procedure in accordance with its product improvement policy.

MOUNTING PRICES: Mounting prices assume normal factory installation on a truck chassis suitable for the unit purchased. Relocation of batteries, fuel tanks, mufflers, air tanks, etc. will be an additional charge, billed at the standard factory labor rate.

WARRANTY: Vactor warrants its products to be free from defects in material and workmanship for a period of 12 months, subject to the limitations and conditions set forth in its current published warranty. Other than those expressly stated herein. THERE ARE NOT OTHER WARRANTIES OF ANY KIND EXPRESS OR IMPLIED, AND SPECIFICALLY EXCLUDED BUT NOT BY WAY OF LIMITATION, ARE THE IMPLIED WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE AND MERCHANTABILITY.

IT IS UNDERSTOOD AND AGREE THE VACTOR'S LIABILITY WHETHER IN CONTRACT, IN TORT, UNDER ANY WARRANTY IN NEGLIGENCE OR OTHERWISE SHALL NOT EXCEED THE RETURN OF THE AMOUNT OF THE PURCHASE PRICE PAID BY THE PURCHASER AND UNDER NO CIRCUMSTANCES SHALL VACTOR BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES. THE PRICES STATED FOR THE EQUIPMENT IS A CONSIDERATION IN LIMITING VACTOR'S LIABILITY. NO ACTION REGARDLESS OF FORM, ARISING OUT OF THE TRANSACTION OF THE AGREEMENT MAY BE BROUGHT BY PURCHASER MORE THAN ONE YEAR AFTER THE CAUSE OF ACTION HAS OCCURRED.

VACTOR'S MAXIMUM LIABILITY SHALL NOT EXCEED AND BUYER'S REMEDY IS LIMITED TO EITHER (I) REPAIR OR REPLACEMENT OF THE DEFECTIVE PART OF PRODUCT, OR AT VACTOR'S OPTION (II) RETURN OF THE PRODUCT AND REFUND OF THE PURCHASE PRICE AND SUCH REMEDY SHALL BE BUYER'S ENTIRE AND EXCLUSIVE REMEDY.

CHOICE OF LAW: These terms and conditions shall be construed according to the laws of the State of Illinois. Failure at anytime by Vactor to exercise any of its rights under this

TERMS AND CONDITIONS

agreement shall not constitute a waiver-thereof nor prejudice Vector's right to enforce it thereafter.

COMPLETE AGREEMENT: These terms and conditions, contain the complete and final agreement between the parties hereto and no other agreement in any way modifying any of these terms and conditions will be binding on Vector unless in writing and agreed to by an authorized representative of Vector. All proposed terms included in Buyer's purchase order or other standard contracting documents are expressly rejected.

I agree with the above terms and conditions:

Date: _____

Prepared for:
 2022 PSFT430A X12 TUKWILA
 VACTOR MANUFACTURING
 PSFT430A 2022
 1621 SOUTH ILLINOIS ST
 STREATOR, IL 61364
 Phone: 815 672 3171

Prepared by:
 Bob Jensen
 TRANSSHICAGO TRUCK GROUP
 776 N. YORK ROAD
 ELMHURST, IL 60126
 Phone: 630-279-0600 ext.631

S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear	Retail Price
Price Level				
PRL-20D	SD PRL-20D (EFF:04/30/19)			N/C
Data Version				
DRL-043	SPECPRO21 DATA RELEASE VER 043			N/C
Vehicle Configuration				
001-177	114SD CONVENTIONAL CHASSIS	7,934	6,476	\$154,920.00
004-222	2022 MODEL YEAR SPECIFIED			N/C
002-003	SET FORWARD AXLE - TRUCK			STD
019-002	STRAIGHT TRUCK PROVISION			STD
003-001	LH PRIMARY STEERING LOCATION			STD
General Service				
AA1-002	TRUCK CONFIGURATION			STD
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)			STD
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE			N/C
A84-1GM	GOVERNMENT BUSINESS SEGMENT			N/C
AA4-002	LIQUID BULK COMMODITY			N/C
AA5-006	TERRAIN/DUTY: 10% (SOME) OF THE TIME, IN TRANSIT, IS SPENT ON NON-PAVED ROADS			N/C
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-003	MAINTAINED GRAVEL OR CRUSHED ROCK - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			N/C
995-1AE	FREIGHTLINER LEVEL II WARRANTY			N/C
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 20000.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 46000.0 lbs			
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 66000.0 lbs			



Prepared for:
 2022 PSFT430A X12 TUKWILA
 VACTOR MANUFACTURING
 PSFT430A 2022
 1621 SOUTH ILLINOIS ST
 STREATOR, IL 61364
 Phone: 815 672 3171

Prepared by:
 Bob Jensen
 TRANSCHICAGO TRUCK GROUP
 776 N. YORK ROAD
 ELMHURST, IL 60126
 Phone: 630-279-0600 ext.631

Data Code	Description	Weight Front	Weight Rear	Retail Price
Truck Service				
AA3-034	SEWER/INDUSTRIAL VACUUM BODY			N/C
A88-99D	EXPECTED TRUCK BODY LENGTH : 0.0 ft			
AE2-99D	EXPECTED TRUCK BODY WIDTH : 96.0 in			
A89-99D	BRAKING-EXPECTED CAB TO BODY CLEARANCE : 3.0 in			
AF3-1DN	VACTOR			N/C
Engine				
101-26G	CUM X12 430V HP @ 1900 RPM, 1550 LB-FT @ 1000 RPM, 2000 GOV RPM, VOC	-390	-45	\$2,270.00
Electronic Parameters				
79A-069	69 MPH ROAD SPEED LIMIT			N/C
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT			N/C
79K-005	PTO MODE ENGINE RPM LIMIT - 900 RPM			N/C
79M-001	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED			N/C
79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM			N/C
79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM			N/C
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH			N/C
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND			N/C
79V-001	FUEL DOSING OF AFTERTREATMENT ENABLED IN PTO MODE-CLEANS HYDROCARBONS AT HIGH TEMPERATURES ONLY			N/C
79W-001	ONE REMOTE PTO SPEED			N/C
79X-005	PTO SPEED 1 SETTING - 900 RPM			N/C
80G-002	PTO MINIMUM RPM - 700			N/C
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH			N/C
Engine Equipment				
99C-021	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/GHG21 CONFIGURATION			N/C
99D-009	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LEFT SIDE OF HOOD)			\$109.00
13E-001	STANDARD OIL PAN			STD
105-001	ENGINE MOUNTED OIL CHECK AND FILL			STD
014-1B5	SIDE OF HOOD AIR INTAKE WITH DONALDSON HIGH CAPACITY AIR CLEANER WITH SAFETY ELEMENT, FIREWALL MOUNTED			STD



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124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE			STD
292-236	(3) DTNA GENUINE, FLOODED STARTING, MIN 3000CCA, 555RC, THREADED STUD BATTERIES			STD
290-017	BATTERY BOX FRAME MOUNTED			STD
281-001	STANDARD BATTERY JUMPERS			STD
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB			\$18.00
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD
289-001	NON-POLISHED BATTERY BOX COVER			STD
107-048	CUMMINS NATURALLY ASPIRATED 25.9 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE			N/C
152-040	ELECTRONIC ENGINE INTEGRAL WARNING AND DERATE PROTECTION SYSTEM			N/C
128-047	CUMMINS INTEBRAKE COMPRESSION BRAKE WITH (2) SWITCHES; (1) ON/OFF AND (1) LOW/MEDIUM/HIGH RETARDATION LEVEL	20		N/C
016-1C2	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	30	25	\$823.00
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH			STD
239-200	INTEGRATED STACK AND B-PILLAR PIPE WITH MINIMUM STACK PROTRUSION ABOVE CAB			\$131.00
237-1CR	RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP			N/C
23U-002	13 GALLON DIESEL EXHAUST FLUID TANK			STD
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			STD
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING			STD
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION			STD
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP			STD
242-001	STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD			\$48.00
273-048	HORTON 2-SPEED DRIVEMASTER ADVANTAGE POLAREXTREME FAN DRIVE			\$285.00
276-002	AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED			\$10.00



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110-003	CUMMINS SPIN ON FUEL FILTER			N/C
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER			N/C
266-057	1500 SQUARE INCH ALUMINUM RADIATOR			STD
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT			STD
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD
270-016	RADIATOR DRAIN VALVE			N/C
138-005	PHILLIPS-TEMRO 1500 WATT/115 VOLT BLOCK HEATER	4		\$113.00
140-022	CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			\$2.00
155-055	DELCO 12V 39MT HD/OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH			N/C

Transmission

342-1M1	ALLISON 4000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	260	100	\$12,424.00
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Transmission Equipment

343-323	ALLISON VOCATIONAL PACKAGE 172 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODEL RDS			N/C
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES			N/C
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			STD
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			STD
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD



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84N-200	FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED			STD
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES			STD
84M-001	PUMP MODE INPUT ENABLED 3RD/4TH LOCKUP WIRED ON TCM INPUT AJ/BQ - ALLISON 5TH GEN TRANSMISSIONS			N/C
353-022	VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT BACK OF CAB			\$49.00
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED			\$23.00
362-1Y2	(2) CUSTOMER INSTALLED MUNCIE CS10 SERIES PTO'S			N/C
363-010	PTO MOUNTING, LH SIDE AND TOP RH SIDE OF MAIN TRANSMISSION			N/C
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN			STD
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED			STD
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013			STD
370-011	WATER TO OIL TRANSMISSION COOLER, FRAME MOUNTED			STD
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK			STD
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)			STD

Front Axle and Equipment

400-1AC	MFS-20-133A 20,000# FL1 71.0 INCH KPI/3.74 INCH DROP SINGLE FRONT AXLE	260		\$3,576.00
402-030	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	10		N/C
403-002	NON-ASBESTOS FRONT BRAKE LINING			STD
419-023	CONMET CAST IRON FRONT BRAKE DRUMS			\$8.00
409-006	FRONT OIL SEALS			STD
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL			STD
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS			STD
406-001	STANDARD KING PIN BUSHINGS			STD
536-055	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR	130		N/C



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539-003	POWER STEERING PUMP			STD
534-003	4 QUART POWER STEERING RESERVOIR			N/C
533-001	OIL/AIR POWER STEERING COOLER			N/C
40T-001	MINERAL SAE 80/90 FRONT AXLE LUBE			STD
Front Suspension				
620-006	20,000# FLAT LEAF FRONT SUSPENSION	310		\$815.00
619-004	GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION			N/C
62G-998	NO FRONT SUSPENSION OPTIONS			STD
410-001	FRONT SHOCK ABSORBERS			\$121.00
Rear Axle and Equipment				
420-111	RT-46-160P 46,000# R-SERIES TANDEM REAR AXLE		450	\$4,398.00
421-456	4.56 REAR AXLE RATIO			N/C
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			STD
386-075	MXL 18T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	100	100	\$693.00
388-073	MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES			STD
878-019	(1) INTERAXLE LOCK VALVE FOR TANDEM OR TRIDEM DRIVE AXLES			STD
87A-001	BLINKING LAMP WITH EACH INTERAXLE LOCK SWITCH, INTERAXLE UNLOCK DEFAULT WITH IGNITION OFF			STD
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			STD
433-002	NON-ASBESTOS REAR BRAKE LINING			STD
434-001	CAM BRAKE AUXILIARY SUPPORT BRACKETS			\$29.00
451-023	CONMET CAST IRON REAR BRAKE DRUMS		20	\$57.00
440-006	REAR OIL SEALS			STD
426-101	WABCO TRISTOP D LONGSTROKE 2-DRIVE AXLE SPRING PARKING CHAMBERS			STD
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS			\$110.00
41T-001	MINERAL SAE 80/90 REAR AXLE LUBE			(\$239.00)
42T-001	STANDARD REAR AXLE BREATHER(S)			STD
Rear Suspension				
622-1CJ	HENDRICKSON RT463 @46,000# REAR SUSPENSION		750	\$3,124.00
621-015	HENDRICKSON RT/RTE - 6.00" SADDLE			(\$17.00)



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431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP			STD
624-009	54 INCH AXLE SPACING		10	\$250.00
628-005	STEEL BEAMS AND BRONZE CENTER BUSHINGS WITH BAR PIN ADJUSTABLE END CONNECTIONS			N/C
623-005	FORE/AFT CONTROL RODS			N/C
Brake System				
490-100	WABCO 4S/4M ABS			STD
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD
412-001	STANDARD BRAKE SYSTEM VALVES			STD
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM			STD
413-002	STD U.S. FRONT BRAKE VALVE			STD
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD
480-088	WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER			STD
483-004	WABCO OIL COALESCING FILTER FOR AIR DRYER			\$11.00
479-003	AIR DRYER MOUNTED INBOARD ON LH RAIL			N/C
	AT FRAME STATION 4500			
460-093	STEEL AIR BRAKE RESERVOIRS; CUSTOMER ACCEPTS TANKS MOUNTED PERPENDICULAR TO RAIL	10	10	\$379.00
	MOUNT REAR OF AFTERTREATMENT. MOUNT REMAINING TANKS IN AFTERFRAME			
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS			STD
485-045	METALLIC AIR MANIFOLD MOUNTED TO BACK OF CAB CROSSMEMBER WITH SIX 1/4 INCH FITTINGS AND 70 PSI PROTECTION VALVE	5		\$172.00
Trailer Connections				
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT			STD
Wheelbase & Frame				
545-702	7025MM (277 INCH) WHEELBASE			N/C
546-102	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI	810	140	\$2,016.00
547-001	1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT	240	460	\$1,385.00
552-052	2225MM (88 INCH) REAR FRAME OVERHANG			N/C



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55W-008	FRAME OVERHANG RANGE: 81 INCH TO 90 INCH	-50	210	N/C
549-002	24 INCH INTEGRAL FRONT FRAME EXTENSION	140	-20	\$691.00
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 193.11 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 190.11 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 415.87			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 110.63 in			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 234.96 in			N/C
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 193.54 in			
560-008	UNDER OR OVERSLUNG CROSSMEMBER			N/C
553-001	SQUARE END OF FRAME			STD
550-001	FRONT CLOSING CROSSMEMBER			STD
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
572-067	STANDARD REAR MOST CROSSMEMBER MOUNTED 96MM AFT OF REAR SUSPENSION CENTERLINE			\$23.00
565-001	STANDARD SUSPENSION CROSSMEMBER			STD
Chassis Equipment				
556-997	OMIT FRONT BUMPER, CUSTOMER INSTALLED SPECIAL BUMPER, DOES NOT COMPLY WITH FMCSR 393.203	-100		(\$294.00)
551-017	GRADE 8 THREADED HEX HEADED FRAME FASTENERS INSTALLED WITH BOLT HEADS ON OUTSIDE OF FRAME			N/C
605-1AB	D15-16004-000 CENTER PUNCH TO MARK CENTERLINE OF REAR SUSPENSION ON FRAME WEB			\$21.00
Fuel Tanks				
204-156	100 GALLON/378 LITER ALUMINUM FUEL TANK - LH	20		\$295.00
218-006	25 INCH DIAMETER FUEL TANK(S)			STD
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS			STD
212-007	FUEL TANK(S) FORWARD			STD
664-001	PLAIN STEP FINISH			STD
205-001	FUEL TANK CAP(S)			STD



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122-075	ALLIANCE FUEL FILTER/WATER SEPARATOR	15		N/C
216-020	EQUIFLO INBOARD FUEL SYSTEM			STD
20E-015	2 REAR AUXILIARY FUEL SUPPLY AND RETURN PORTS LOCATED ON LH FUEL TANK			\$38.00
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD
221-009	FUEL COOLER MOUNTED RIGHT HAND IN RAIL MOUNTED DIRECTLY BOC			\$215.00
Tires				
093-0TB	MICHELIN XZY-3 425/65R22.5 20 PLY RADIAL FRONT TIRES	196		\$1,000.00
094-1UX	MICHELIN X MULTI D 11R22.5 14 PLY RADIAL REAR TIRES		192	(\$288.00)
Hubs				
418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS			STD
450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS			STD
Wheels				
502-1H5	ALCOA LVL ONE 82462X 22.5X12.25 10-HUB PILOT 4.68 INSET 10-HAND ALUMINUM DISC FRONT WHEELS	-8		\$636.00
505-693	ALCOA LVL ONE 88267X 22.5X8.25 10-HUB PILOT ALUMINUM DISC REAR WHEELS		-224	\$1,144.00
524-001	POLISHED FRONT WHEELS; OUTSIDE ONLY			\$28.00
525-001	POLISHED REAR WHEELS; OUTSIDE OF OUTER WHEELS ONLY			\$120.00
52M-004	FOREMATCH TIRE/WHEEL RUNOUT. CHECK/MARK AND STATIC BALANCING. ALL TIRES AND WHEELS			\$225.00
Cab Exterior				
829-1A2	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB			STD
650-008	AIR CAB MOUNTING			STD
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE			STD
667-001	FRONT FENDERS			STD
754-002	3-1/2 INCH FENDER EXTENSIONS	15		\$192.00
678-018	LH AND RH EXTERIOR GRAB HANDLES WITH SINGLE RUBBER INSERT			\$59.00
645-002	BRIGHT FINISH RADIATOR SHELL/HOOD BEZEL			\$221.00



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646-042	STATIONARY BLACK GRILLE WITH BRIGHT ACCENTS			\$66.00
65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE			\$15.00
644-004	FIBERGLASS HOOD			STD
690-002	TUNNEL/FIREWALL LINER			\$114.00
727-1AF	SINGLE 14 INCH ROUND HADLEY AIR HORN UNDER LH DECK			(\$23.00)
726-001	SINGLE ELECTRIC HORN			STD
728-001	SINGLE HORN SHIELD			STD
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME			STD
78G-004	KEY QUANTITY OF 4			\$18.00
575-001	REAR LICENSE PLATE MOUNT END OF FRAME			STD
312-067	HALOGEN COMPOSITE HEADLAMPS WITH BRIGHT BEZELS			N/C
302-047	LED AERODYNAMIC MARKER LIGHTS			\$34.00
311-012	DAYTIME RUNNING LIGHTS - LOW BEAM ONLY			\$21.00
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS			STD
300-015	STANDARD FRONT TURN SIGNAL LAMPS			STD
744-1BC	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE			\$286.00
797-001	DOOR MOUNTED MIRRORS			STD
796-001	102 INCH EQUIPMENT WIDTH			STD
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS			N/C
74A-001	RH DOWN VIEW MIRROR			\$21.00
729-001	STANDARD SIDE/REAR REFLECTORS			STD
677-053	RH AFTERTREATMENT SYSTEM CAB ACCESS WITH PLAIN SHIELDING			STD
768-043	63X14 INCH TINTED REAR WINDOW			STD
661-004	TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS			STD
654-027	RH AND LH ELECTRIC POWERED WINDOWS, PASSENGER SWITCHES ON DOOR(S)	4		\$218.00
663-013	1-PIECE SOLAR GREEN GLASS WINDSHIELD			STD
659-006	8 LITER (2 GAL) WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITH FLUID LEVEL INDICATOR			\$15.00
Cab Interior				
707-1AK	OPAL GRAY VINYL INTERIOR			STD



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706-026	MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR			\$27.00
708-026	MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR			\$27.00
772-006	BLACK MATS WITH SINGLE INSULATION			STD
785-001	DASH MOUNTED ASH TRAYS AND LIGHTER			(\$2.00)
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING			STD
694-010	IN DASH STORAGE BIN			N/C
742-007	(2) CUP HOLDERS LH AND RH DASH			STD
680-006	GRAY/CHARCOAL FLAT DASH			(\$309.00)
860-004	SMART SWITCH EXPANSION MODULE			\$196.00
700-002	HEATER, DEFROSTER AND AIR CONDITIONER			STD
701-008	STANDARD HVAC DUCTING WITH SNOW SHIELD FOR FRESH AIR INTAKE			\$31.00
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			STD
170-002	STANDARD PLUMBING WITH BALL SHUTOFF VALVES AND INSULATED LINES			\$59.00
130-041	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR			STD
702-002	BINARY CONTROL, R-134A			STD
739-034	PREMIUM INSULATION			\$164.00
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES			STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM			STD
324-014	DOME LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS			STD
655-005	LH AND RH ELECTRIC DOOR LOCKS			\$99.00
284-023	(1) 12 VOLT POWER SUPPLY IN DASH			STD
756-1J3	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30		\$225.00
760-1J3	BASIC HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	25	10	\$255.00
759-005	DUAL DRIVER AND PASSENGER SEAT ARMRESTS	8		\$138.00
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS			STD
758-022	BLACK MORDURA CLOTH DRIVER SEAT COVER			\$25.00



Prepared for:
 2022 PSFT430A X12 TUKWILA
 VACTOR MANUFACTURING
 PSFT430A 2022
 1621 SOUTH ILLINOIS ST
 STREATOR, IL 61364
 Phone: 815 672 3171

Prepared by:
 Bob Jensen
 TRANSCHICAGO TRUCK GROUP
 776 N. YORK ROAD
 ELMHURST, IL 60126
 Phone: 630-279-0600 ext.631

Data Code	Description	Weight Front	Weight Rear	Retail Price
761-023	BLACK MORDURA CLOTH PASSENGER SEAT COVER			\$22.00
763-102	HIGH VISIBILITY ORANGE SEAT BELTS			\$26.00
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10		\$478.00
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL			STD
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD

Instruments & Controls

732-004	GRAY DRIVER INSTRUMENT PANEL			STD
734-004	GRAY CENTER INSTRUMENT PANEL			STD
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK			N/C
870-001	BLACK GAUGE BEZELS			STD
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			STD
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES			STD
198-003	DASH MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS			\$40.00
721-001	97 DB BACKUP ALARM		3	\$47.00
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL			\$2.00
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED			STD
160-039	(1) HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH AND (1) SAE J1939 DIAGNOSTIC INTERFACE CONNECTOR LOCATED CENTER OF DASH			\$7.00
844-001	2 INCH ELECTRIC FUEL GAUGE			STD
148-071	ENGINE REMOTE INTERFACE WITH INCREMENT/DECREMENT			\$286.00
163-001	ENGINE REMOTE INTERFACE CONNECTOR AT BACK OF CAB			N/C
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE			STD
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS			N/C
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD
746-116	AM/FM/WB WORLD TUNER RADIO WITH SIRIUS XM, CD PLAYER, BLUETOOTH, IPOD INTERFACE AND USB AND AUXILIARY INPUTS, J1939	10		\$599.00
747-001	DASH MOUNTED RADIO			N/C
750-002	(2) RADIO SPEAKERS IN CAB			N/C
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF			N/C
78C-003	INTEROPERABLE SDAR ANTENNA			\$82.00
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER			STD
817-001	STANDARD VEHICLE SPEED SENSOR			STD
812-001	ELECTRONIC 3000 RPM TACHOMETER			STD
813-998	NO VEHICLE PERFORMANCE MONITOR	-5		N/C
6TS-003	(2) TMC RP 1226 ACCESSORY CONNECTORS: (1) LOCATED BEHIND DASH B PANEL AND (1) LOCATED PASSENGER SIDE OF DASH			\$49.00
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP			STD
81Y-001	PRE-TRIP LAMP INSPECTION, ALL OUTPUTS FLASH, WITH SMART SWITCH			\$12.00
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY			STD
304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH			STD
882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR			STD
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE			STD
298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS			STD
Design				
065-000	PAINT: ONE SOLID COLOR			STD
Color				
980-5F6	CAB COLOR A: L0006EY WHITE ELITE EY			STD
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
963-003	STANDARD E COAT/UNDERCOATING			STD
Certification / Compliance				
996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS			STD
Raw Performance Data				
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 190.11 in			
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 193.54 in			

T O T A L V E H I C L E S U M M A R Y

Adjusted List Price	
Adjusted List Price **	\$195,809.00

Weight Summary			
	Weight Front	Weight Rear	Total Weight
Factory Weight*	10043 lbs	8667 lbs	18710 lbs
Total Weight*	10043 lbs	8667 lbs	18710 lbs

I T E M S N O T I N C L U D E D I N A D J U S T E D L I S T P R I C E

Other Factory Charges		
PMV-021	GHG21 ENHANCEMENT PRICE	\$450.00
P73-2FT	STANDARD DESTINATION CHARGE	\$2,200.00

Extended Warranty



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WAG-010	TOWING: 1 YEAR/UNLIMITED MILES/KM EXTENDED TOWING COVERAGE \$550 CAP FEX APPLIES	\$200.00
	Currency Exchange Rate	1.0000
	Total Extended Warranty (Local Currency)	\$200.00

(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

(**) Prices shown do not include taxes, fees, etc... "Net Equipment Selling Price" is located on the Quotation Details Proposal Report.

(***) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.



2021 SW VACTOR

~~2019-2020 Biennial Budget Pg 379 Line 24~~

2021 BUDGET AMENDMENT - TIC COMMITTEE TBD

Unit (s): 2326

Vehicle	Part #	Qty	Description	Total Item Cost
2021 Freightliner 114SD Vactor 2100i Plus		1	Base vehicle	\$ 538,936.97
			UNIT 2311 TRADE IN CREDIT	\$ (50,000.00)
			Sales Tax	\$ 50,849.44
			State Contract Total	\$ 539,786.41
501.02.594.480.64.00			BASE VEHICLE SUB TOTAL	\$ 539,786.41
			Licensing	\$ 65.00
			BASE VEHICLE GRAND TOTAL	\$ 539,851.41
501.02.594.480.64.00		1	VHF Radio	\$ 400.00
		1	Pair of Wheel Chocks	\$ 45.00
501.01.548.650.34.02		1	FIRE EXTINGUISHER	\$ 25.00
		1	FIRST AID KIT	\$ 28.00
		1	BBP KIT	\$ 16.00
			Graphics	\$ 50.00
			OUTFITTING TOTAL	\$ 564.00
			In-house Outfitting Labor	

Cost Summary

Base vehicle	\$ 539,851.41
Outfitting	\$ 564.00
Budget	\$ 600,000.00
Grand Total Capitalization	\$ 540,415.41
(Over) / Under Budget	\$ 59,584.59
Outfitting Labor	
Grand Total	\$ 540,415.41

Approvals

NOTE: All items listed are based on proper outfitting of this particular make, model and year of vehicle. All prices are based on supplier's pricing at time of quote and is subject to change without notice.

Department Director's Signature:		Date:
Public Works Director's Signature:		Date:
Finance Director's Signature:		Date:
CITY ADMINISTRATOR Signature:		Date:

NEW & REPLACEMENT PURCHASES IN 2019-2020

CURRENT UNIT	UNIT #	PURCHASE YEAR		NEW UNIT #	Estimated Replacement Year	REPLACEMENT UNIT
		2019	2020			
POLICE ^(a)						
1 SGT. SUV	1743	83,000			2026	SGT. SUV
2 PATROL	1732	80,000			2024	PATROL SUV
3 PATROL	1731	80,000			2024	PATROL SUV
4	NEW	80,000			2024	PATROL, SRO ^(b)
5 EVIDENCE VAN	1204	50,000			2029	EVIDENCE VAN
6 PATROL	1745		80,000		2025	PATROL SUV
7 ADMIN SEDAN	1433		58,000		2028	ADMIN SUV
8 ADMIN SEDAN	1727		58,000		2028	ADMIN SUV
9 DETECTIVE SEDAN	1436		33,000		2030	DETECTIVE SEDAN
10 RADAR TRAILER	1024		12,800		2030	RADAR TRAILER
FIRE ^(c)						
11 TRAINING SUV	1286	55,000			2028	TRAINING PICKUP
12 TRAINING SUV	5587	55,000			2028	TRAINING PICKUP
13 BC VEHICLE	1281		90,000		2028	BC TRUCK
14 RESCUE TRUCK	1353		250,000		2028	RESCUE TRUCK
PW MAINTENANCE SHARED						
15 ^(d)	NEW	45,000			2034	MOWER, SPIDER
SEWER						
16 STEP VAN	1283		100,000		2040	1 1/2-TON SERVICE TRUCK
STREET						
17 3/4-TON PICKUP W/ TANK	1258		35,000		2035	3/4-TON PICKUP W/ TANK
18 1-TON DUMP TRUCK	1318		58,000		2035	1-TON DUMP TRUCK
19 1-TON DUMP TRUCK	1378		58,000		2035	1-TON DUMP TRUCK
20 MOWER, SIDE FLAIL	1410	195,000			2034	MOWER, SIDE FLAIL
21 MOWER, BOOM FLAIL	1416	200,000			2034	MOWER, BOOM FLAIL
22	NEW		80,000		2035	1-TON PICKUP (DE-ICER/STRIPER)
SURFACE WATER						
23 3/4-TON PICKUP	1230	38,000			2039	3/4-TON PICKUP
24 VACTOR	2311		600,000		2030	VACTOR
WATER						
25 STEP VAN	1277		100,000		2035	STEP VAN
RECREATION						
26 15-PASSENGER VAN	1222	42,000			2029	FORD TRANSIT 12-PASS VAN
27 15-PASSENGER VAN	1233		42,000		2030	FORD TRANSIT 12-PASS VAN
28 1/4-TON PICKUP	1225	38,000			2029	FORD EXPLORER
PARKS						
29 3/4-TON PICKUP W/WATER TANK & LIFT GATE	1242	47,000			2034	FORD F350 CREW CAB 8' BED W/ RACK
30 MOWER, WIDE AREA TURBO	1678	42,000			2034	MOWER
31 MOWER, FRONT DECK	1680		22,000		2035	MOWER



City of Tukwila

6200 Southcenter Blvd, Tukwila, WA 98188-2544
206-433-1800

PURCHASE ORDER

NUMBER
DATE

VENDOR INFORMATION

NAME	CONTACT OR SALESPERSON
STREET ADDRESS	PHONE NUMBER
CITY/STATE/ZIP	EMAIL ADDRESS

The PO number is the three-character department code and today's date, in the following format: XXXMMDDYY
 XXX = Department Code (FIN, PWM, FIR, POL, etc...)
 MM = Month (01, 02, 11, etc...)
 DD = Day (01, 21, 29, 30, etc...)
 YY = Year (14, 15, etc...)
 Example: For a Fire PO created on June 1, 2014, the PO number would be: FIR060114

PURCHASE INFORMATION

QUANTITY	DESCRIPTION	GENERAL LEDGER ACCOUNT						PROJECT ACCOUNTING				AMOUNT	
		FUND	DEPT	BASUB	ELEMENT	OBJ	SUB-OBJ	PROJECT	PHASE	TASK	SUB-TASK		

NOTES

OTHER QUOTES

VENDOR	
QUOTE	DATE
VENDOR	
QUOTE	DATE

Subtotal	
Sales Tax	
TOTAL	

APPROVALS

PURCHASER/ INITIATED BY	DEPARTMENTAL APPROVAL	EXECUTIVE APPROVAL
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(Required if more than \$20,000.00)



INFORMATIONAL MEMORANDUM

TO: Transportation and Infrastructure Services Committee

FROM: Jack Pace, Community Development Director

BY: Nancy Eklund, Senior Planner

CC: Mayor Ekberg

DATE: February 5, 2021

SUBJECT: 2021 - 2022 King County Solid Waste Recycling Grant Acceptance

ISSUE

Council approval is required to authorize the Mayor to sign an Interagency Agreement to receive \$69,717 in grant funding that King County Solid Waste Division has awarded to the Tukwila Recycling Program.

BACKGROUND

Tukwila has received a Waste Reduction/Recycling (WRR) grant from King County Solid Waste to support the Recycling Program’s work from January 1, 2021 through December 31, 2022. A signed agreement is required to receive the funds.

Tukwila’s Recycling Assistance Program operates exclusively through grant funding, without City of Tukwila General Fund or Utility Fund monies used. Tukwila has received the WRR grant for several years through a formula based on its population and employment. The WRR grant provides part of DCD’s budget and is regularly included in the City’s overall budget.

DISCUSSION

Waste Reduction/Recycling Grant (W/RR)

The attached Waste Reduction/Recycling grant from the King County Solid Waste division totals \$69,717 for the 24-month grant period. A portion of the WRR grant funds will be used to provide the required 25% match for the Coordinated Prevention Grant (CPG) grant from the Washington Department of Ecology. WRR grant funds are allocated as follows:

- *Residential Recycling Collection Events*
Funds will be used to support events in Spring 2021 and 2022 (pandemic permitting) to collect secondary recyclables (i.e., “hard-to-recycle” goods such as i.e., tires, sinks, furniture, bulky yard debris, etc.) from Tukwila and King County residents.

- *Commercial/Multifamily Recycling*

The bulk of the grant will assist Tukwila businesses on-site or through other methods as they: reduce waste; start or improve recycling programs; purchase recycled products; and use sustainable business practices. Staff will also work on multifamily properties with property managers and tenants, focusing on those properties with low recycling rates. We will also work with City of Tukwila facilities and purchasing. Funding will support consultant assistance, Department of Community Development staff hours, printed materials such as a resource guide sent to all businesses with their business license renewal, and support materials such as special collection containers and bags.

- *Residential Program – Rain Barrels*

The Recycling Program will purchase recycled plastic rain barrels and/or compost and worm bins and distribute them to residents at reduced cost during the Residential Collection Event and other City events, such as the Backyard Wildlife Festival.

- *Residential Program – Tukwila Community Garage Sale*

The Recycling Program will also conduct the annual Tukwila Community Garage Sale to encourage reuse and recycling among residents, pandemic permitting. Funding will be used to provide advertising and disseminate information about the event and reuse of goods to the public.

FINANCIAL IMPACT

None at this time. The WRR Grant does not require matching City funds.

RECOMMENDATION

Forward this item directly to the Special Meeting Consent Agenda of the February 22, 2021, Committee of the Whole meeting. This action will authorize the Mayor to sign an Interagency Agreement with the King County Solid Waste Division and accept grant funding for Tukwila's Recycling Assistance Program through December 31, 2022.

Attachment A:

- Interagency Agreement for 2021 and 2022 between King County and the City of Tukwila

INTERAGENCY AGREEMENT FOR 2021 and 2022

Between

KING COUNTY and the CITY OF TUKWILA

This two-year Interagency Agreement “Agreement” is executed between King County, a Charter County and political subdivision of the State of Washington, and the City of Tukwila, a municipal corporation of the State of Washington, hereinafter referred to as "County" and "City" respectively. Collectively, the County and City will be referred to as “Party” or “Parties.”

PREAMBLE

King County and the City of Tukwila adopted the 2019 King County Comprehensive Solid Waste Management Plan (Comp Plan), which includes waste reduction and recycling goals. In order to help meet these goals, the King County Solid Waste Division has established a waste reduction and recycling grant program for the cities that operate under the Comp Plan . This program provides funding to further the development and/or enhancement of local waste reduction and recycling projects and for broader resource conservation projects that integrate with waste reduction and recycling programs and services. This grant program does not fund household hazardous waste collection activities. Program eligibility and grant administration terms are discussed in the Grant Guidelines, attached to this Agreement as Exhibit B and incorporated herein by reference. Grant funding for this program is subject to the budget approval process of the King County Council.

Grant funding approved by the King County Council is available to all King County cities that operate under the Comp Plan. The City will spend its grant funds to fulfill the terms and conditions set forth in the scope of work, which is attached hereto as Exhibit A and incorporated herein by reference. The County expects that any information and/or experience gained through the grant program by the City will be shared with the County and other King County cities.

I. PURPOSE

The purpose of this Agreement is to define the terms and conditions for funding to be provided to the City by the County for waste reduction and recycling programs and/or services as outlined in the scope of work and budget attached as Exhibit A.

II. RESPONSIBILITIES OF THE PARTIES

The responsibilities of the Parties to this Agreement shall be as follows:

A. The City

1. Funds provided to the City by the County pursuant to this Agreement shall be used to provide waste reduction and recycling programs and/or services as outlined in Exhibit A. The total amount of funds available from this grant in 2021 and 2022 shall not exceed **\$69,717**.
2. This Agreement provides for distribution of 2021 and 2022 grant funds to the City. However, grant funds are not available until January 1, 2021.
3. During this two-year grant program, the City will submit a minimum of two (2), but no more than eight (8), progress reports to the County in a form determined by the County. Reports must be signed by a City official. These reports will include:
 - a. a description of each activity accomplished pertaining to the scope of work; and
 - b. reimbursement requests with both a Budget Summary Report Form, which is attached hereto as Exhibit D and incorporated herein by reference, and an Expense Summary Form, which is attached hereto as Exhibit E and incorporated herein by reference, unless the City has a spreadsheet similar to the Expense Summary Form already in use, in which case the City is free to use that spreadsheet instead of the Expense Summary Form. The City will submit the form or similar spreadsheet and not submit backup documentation for grant expenses. If backup documentation is submitted, SWD will not retain it. The City shall maintain this documentation in its records.

If the City chooses to submit up to the maximum of eight (8) progress reports and requests for reimbursement during the two-year grant program, they shall be due to the County on the last day of the month following the end of each quarter (April 30, July 31, October 31, January 31), except for the final progress report and request for reimbursement, which shall be due by March 17, 2023.

If the City chooses to submit the minimum of two progress reports and requests for reimbursement during the two-year grant program, they shall be due to the County by March 18, 2022 and March 17, 2023.

Regardless of the number of progress reports the City chooses to submit, in order to secure reimbursement, the City must provide in writing to the County by the 5th working day of January 2022 and January 2023, the dollar amount of outstanding expenditures for which the City has not yet submitted a reimbursement request.

4. If the City accepts funding through this grant program for the provision of waste reduction and recycling programs and projects for other incorporated areas of King County, the City shall explain the relationship with the affected adjacent city or cities that allows for acceptance of this funding and the specifics of the proposed programs and projects within the scope of work document related thereto.
5. The City shall be responsible for following all applicable Federal, state, and local laws, ordinances, rules, and regulations in the performance of work described herein. The City assures that its procedures are consistent with laws relating to public contract bidding procedures, and the County neither incurs nor assumes any responsibility for the City's bid, award, or contracting process.
6. During the performance of this Agreement, neither the City nor any Party subcontracting under the authority of this Agreement shall discriminate on the basis of race, color, sex, religion, nationality, creed, marital status, sexual orientation, age, or presence of any sensory, mental, or physical handicap in the employment or application for employment or in the administration or delivery of or access to services or any other benefits under this Agreement as defined by King County Code, Chapter 12.16.
7. During the performance of this Agreement, neither the City nor any Party subcontracting under the authority of this Agreement shall engage in unfair employment practices as defined by King County Code, Chapter 12.18. The City shall comply fully with all applicable federal, state, and local laws, ordinances, executive orders and regulations that prohibit such discrimination. These laws include, but are not limited to, RCW Chapter 49.60 and Titles VI and VII of the Civil Rights Act of 1964.
8. The City shall use recycled paper for the production of all printed and photocopied documents related to the fulfillment of this Agreement. The City shall use both sides of paper sheets for copying and printing and shall use recycled/recyclable products wherever practical.
9. The City shall maintain accounts and records, including personnel, financial, and programmatic records, and other such records as may be deemed necessary by the County, to ensure proper accounting for all project funds and compliance with this Agreement. All such records shall sufficiently and properly reflect all direct and indirect costs of any nature expended and service provided in the performance of this Agreement.

These records shall be maintained for a period of six (6) years after termination hereof unless permission to destroy them is granted by the Office of the State Archivist in accordance with RCW Chapter 40.14. These accounts shall be subject to inspection, review, or audit by the County and/or by federal or state officials as so authorized by law.

10. The City shall maintain a record of the use of any equipment that costs more than \$1,000 and is purchased with grant funds from King County for a total period of three (3) years. The records shall be compiled into a yearly evaluation report, a copy of which shall be submitted to King County by March 31 of each year through the year 2025.

11. The City agrees to credit King County on all printed materials provided by the County, which the City is duplicating, for distribution. Either King County's name and logo must appear on King County materials (including fact sheets, case studies, etc.), or, at a minimum, the City will credit King County for artwork or text provided by the County as follows: "artwork provided courtesy of King County Solid Waste Division" and/or "text provided courtesy of King County Solid Waste Division."
12. The City agrees to submit to the County copies of all written materials which it produces and/or duplicates for local waste reduction and recycling projects which have been funded through the waste reduction and recycling grant program. Upon request, the City agrees to provide the County with a reproducible copy of any such written materials and authorizes the County to duplicate and distribute any written materials so produced, provided that the County credits the City for the materials.
13. The City will provide the King County Project Manager with the date and location of each Recycling Collection Event provided by the City, as well as copies of any printed materials used to publicize each event, as soon as they are available but no later than thirty (30) days prior to the event. If there is any change in the date or the location of an event, the City will notify the County a minimum of thirty (30) days prior to the event. If the event brochure is required for admission to the City's event, the City is exempt from having to provide the brochure to King County.
14. If the City accepts funding through this grant program for the provision of recycling collection events for adjacent areas of unincorporated King County, the City shall send announcements of the events to all residences listed in the agreed upon areas listed in Exhibit A. The announcements and all other printed materials related to these events shall acknowledge King County as the funding source.
15. This project shall be administered by Nancy Eklund, Senior Planner, or designee.

B. The County:

1. The County shall administer funding for the waste reduction and recycling grant program. Funding is designated by the city and is subject to the King County Council's budget approval process. Provided that the funds are allocated through the King County Council's budget approval process, grant funding to the City will include a base allocation of \$10,000 per year with the balance of funds to be allocated according to the City's percentage of King County's residential and employment population. However, if this population based allocation formula calculation would result in a city receiving less than \$10,000 per year, that city shall receive an additional allocation that would raise their total grant funding to \$10,000 per year.

2. Within forty-five (45) days of receiving a request for reimbursement from the City, the County shall either notify the City of any exceptions to the request which have been identified or shall process the request for payment. If any exceptions to the request are made, this shall be done by written notification to the City providing the reason for such exception. The County will not authorize payment for activities and/or expenditures which are not included in the scope of work and budget attached as Exhibit A, unless the scope has been amended according to Section V of this Agreement. King County retains the right to withhold all or partial payment if the City's report(s) and reimbursement request(s) are incomplete (i.e., do not include proper documentation of expenditures and/or adequate description of each activity described in the scope of work for which reimbursement is being requested), and/or are not consistent with the scope of work and budget attached as Exhibit A.
3. The County agrees to credit the City on all printed materials provided by the City to the County, which the County duplicates, for distribution. Either the City's name and logo will appear on such materials (including fact sheets, case studies, etc.), or, at a minimum, the County will credit the City for artwork or text provided by the City as follows: "artwork provided courtesy of the City of Tukwila" and/or "text provided courtesy of the City of Tukwila."
4. The County retains the right to share the written material(s) produced by the City which have been funded through this program with other King County cities for them to duplicate and distribute. In so doing, the County will encourage other cities to credit the City on any pieces that were produced by the City.
5. The waste reduction and recycling grant program shall be administered by Lucy Auster, Project Manager, King County Solid Waste Division, or designee.

III. DURATION OF AGREEMENT

This Agreement shall become effective on either January 1, 2021 or the date of execution of the Agreement by both the County and the City, if executed after January 1, 2021, and shall terminate on June 30, 2023. The City shall not incur any new charges after December 31, 2022. However, if execution by either Party does not occur until after January 1, 2021, this Agreement allows for disbursement of grant funds to the City for County-approved programs initiated between January 1, 2021 and the later execution of the Agreement provided that the City complies with the reporting requirements of Section II.A of the Agreement.

IV. TERMINATION

- A. This Agreement may be terminated by King County, in whole or in part, for convenience without cause prior to the termination date specified in Section III, upon thirty (30) days advance written notice.
- B. This Agreement may be terminated by either Party, in whole or in part, for cause prior to the termination date specified in Section III, upon thirty (30) days advance written notice. Reasons for termination for cause may include but not be limited to: nonperformance; misuse of funds; and/or failure to provide grant related reports/invoices/statements as specified in Section II.A.3. and Section II.A.4.
- C. If the Agreement is terminated as provided in this section: (1) the County will be liable only for payment in accordance with the terms of this Agreement for services rendered prior to the effective date of termination; and (2) the City shall be released from any obligation to provide further services pursuant to this Agreement.
- D. Nothing herein shall limit, waive, or extinguish any right or remedy provided by this Agreement or law that either Party may have in the event that the obligations, terms and conditions set forth in this Agreement are breached by the other Party.

V. AMENDMENTS

This Agreement may be amended only by written agreement of both Parties. Amendments to scopes of work will only be approved if the proposed amendment is consistent with the most recently adopted King County Comprehensive Solid Waste Management Plan. Funds may be moved between tasks in the scope of work, attached as Exhibit A, only upon written request by the City and written approval by King County. Such requests will only be approved if the proposed change(s) is (are) consistent with and/or achieves the goals stated in the scope and falls within the activities described in the scope.

VI. HOLD HARMLESS AND INDEMNIFICATION

The City shall protect, indemnify, and hold harmless the County, its officers, agents, and employees from and against any and all claims, costs, and/or issues whatsoever occurring from actions by the City and/or its subcontractors pursuant to this Agreement. The City shall defend at its own expense any and all claims, demands, suits, penalties, losses, damages, or costs of any kind whatsoever (hereinafter "claims") brought against the County arising out of or incident to the City's execution of, performance of, or failure to perform this Agreement. Claims shall include but not be limited to assertions that the use or transfer of any software, book, document, report, film, tape, or sound reproduction or material of any kind, delivered hereunder, constitutes an infringement of any copyright, patent, trademark, trade name, and/or otherwise results in unfair trade practice.

VII. INSURANCE

- A. The City, at its own cost, shall procure by the date of execution of this Agreement and maintain for the duration of the Agreement, insurance against claims for injuries to persons or damages to property which may arise from or in connection with performance of work pursuant to this Agreement by the City, its agents, representatives, employees, and/or subcontractors. The minimum limits of this insurance shall be \$1,000,000 general liability insurance combined single limit per occurrence for bodily injury, personal injury, and property damage. If the policy has an aggregate limit, a \$2,000,000 aggregate shall apply. Any deductible or self-insured retentions shall be the sole responsibility of the City. Such insurance shall cover the County, its officers, officials, employees, and agents as additional insureds against liability arising out of activities performed by or on behalf of the City pursuant to this Agreement. A valid Certificate of Insurance and additional insured endorsement is attached to this Agreement as Exhibit C, unless Section VII.B. applies.
- B. If the Agency is a Municipal Corporation or an agency of the State of Washington and is self-insured for any of the above insurance requirements, a written acknowledgement of self-insurance is attached to this Agreement as Exhibit C.
- C. If the Agency is a Municipal Corporation or an agency of the State of Washington and is a member of the Washington Cities Insurance Authority (WCIA), a written acknowledgement/certification of current membership is attached to this Agreement as Exhibit C.

VIII. ENTIRE CONTRACT/WAIVER OF DEFAULT

This Agreement is the complete expression of the agreement of the County and City hereto, and any oral or written representations or understandings not incorporated herein are excluded. Waiver of any default shall not be deemed to be a waiver of any subsequent default. Waiver of breach of any provision of this Agreement shall not be deemed to be waiver of any other or subsequent breach and shall not be construed to be a modification of the terms of this Agreement unless stated to be such through written approval by the County, which shall be attached to the original Agreement.

IX. TIME IS OF THE ESSENCE

The County and City recognize that time is of the essence in the performance of this Agreement.

X. SEVERABILITY

If any section, subsection, sentence, clause or phrase of this Agreement is, for any reason, found to be unconstitutional or otherwise invalid by a court of competent jurisdiction, such decision shall not affect the validity of the remaining portions.

XI. NOTICE

Any notice required or permitted under this Agreement shall be deemed sufficiently given or served if sent to the King County Solid Waste Division and the City at the addresses provided below:

Lucy Auster, Project Manager, or a provided designee
King County Solid Waste Division
Department of Natural Resources and Parks
Lucy.auster@kingcounty.gov

If to the City:

Nancy Eklund, Senior Planner, or a provided designee
City of Tukwila
6300 Southcenter Boulevard
Tukwila, WA 98188

IN WITNESS WHEREOF this Agreement has been executed by each Party on the date set forth below:

City of Tukwila

Allan Ekberg, Mayor

King County

BY _____

Pat D. McLaughlin, Director
Solid Waste Division

For Dow Constantine, King County Executive

Date

Date

Scope of Work

A. Basic Information

1. City of Tukwila
2. Waste Reduction and Recycling (WRR) grant program
3. Contact Information:
Nancy Eklund, Senior Planner
City of Tukwila
6300 South center Boulevard
Tukwila, WA 98188
206.433.7141 (phone)
Nancy.Eklund@TukwilaWa.gov
4. The City of Tukwila will work with a consultant to implement a business and multi-family recycling assistance program for 2021-2022. We plan to use Olympic Environmental Resources to operate our Special Recycling Event. There are also several residential programs we will be continuing to support. The WR/R grant will also fund labor costs for Tukwila staff that work on and manage all WR/R-funded programs and tasks.
5. Budget: \$69,717 Total, including:
Task 1. Residential Recycling Collection Events
Task 2. Commercial/Multifamily Recycling
Task 3. Residential Program – Rain barrels
Task 4. Residential Program – Tukwila Community Garage Sale (if restrictions on gathering due to the pandemic are removed)

B. Scope of Work

Task 1: Tukwila Residential Recycling Collection Events (RCE)

a. Consultant

Olympic Environmental Resources

b. Schedule

Spring, 2021 and 2022 (dates may vary depending on COVID-19 impacts)

c. Program/Project Specifics

- Total number of events - Two
- Materials to be collected:
 - Appliances
 - Refrigerators and Freezers*

- Ferrous Metals
 - Non-ferrous Metals
 - Tires*
 - Mattresses
 - Styrofoam (TBD)
 - Lead Acid Batteries
 - Household Batteries
 - Porcelain Toilets and Sinks*
 - Propane Tanks*
 - Cardboard
 - Reusable Household Goods
 - Textiles
 - Used Motor Oil
 - Used Motor Oil Filters
 - Used Antifreeze
 - Used Petroleum Based Products
 - Electronic Equipment
- (*User fees apply)

- The following educational materials will be distributed:
 - Information on City Recycling Programs
 - Local Hazardous Waste Management Plan Educational Materials produced by King County Department of Natural Resources
 - Other educational materials as appropriate.
- Event promotional methods:
 - Promotional flyer mailed directly to Tukwila residents, and if open, placed in info stands at City Hall sites and Tukwila Community Center.
 - Notices on Tukwila’s website, social media, and cable channel (if available), and “Tukwila Reporter” community newspaper
 - Publicizing the event through the King County Solid Waste Division Promotional Activities.
- Event staffing
 - Key personnel will include consultant staff, and vendors. Experienced qualified individuals will fill the event greeter, education personnel, and traffic control personnel positions.

d. Performance and Impact Objectives

The City plans to send out approximately 8,000 promotional flyers to Tukwila households per event and publicize the event through King County promotional activities, including County websites and telephone assistance. The City of Tukwila has approximately 7,200 households.

By collecting the materials listed above, they will be diverted from the waste stream and processed for recycling and reuse. The events will also provide an opportunity to recycle moderate risk waste. Public Health – Seattle & King County, the City of Tukwila, and Washington State Department of Ecology will pay for event expenses as well.

By hosting Recycling Collection Events, Tukwila can reduce the amount of recyclable material going to the local landfill. Based on prior residential collection events, the City expects that approximately 375 to 475 households will actively participate each year by bringing recyclable materials to the event for proper disposal and recycling. This is expected to result in approximately 20-25 tons of material diverted from the local waste stream for recycling per year.

In addition to diverting materials from the City waste stream, attracting residents to events provides an opportunity to distribute educational material on City and King County recycling programs. The educational materials can enhance the knowledge of residents regarding recyclable materials, demonstrate the range of recycling opportunities, and improve behavior in the purchase, handling, and disposal of recyclable materials.

e. Evaluation

- Number of vehicles attending
- Volume of each material collected
- Event cost by budget category
- Graphic or tabular comparison of 2021 and 2022 volumes and vehicles with prior years' events

WRR funds will provide the 25% required match for the State of Washington Department of Ecology's Local Solid Waste Financial Assistance (LSWFA) grant, which will fund the remaining 75% of the Recycling Program's portion of event. Funding also comes from the Tukwila Fire Department and the Local Hazardous Waste Management Program

Task 2: Commercial/Multi-Family Recycling

a. Project Manager

Nancy Eklund, Senior Planner, City of Tukwila

b. Consultant

The City of Tukwila will work with a consultant/recycling technical assistance specialist.

c. Schedule

First quarter, 2021 – December 31, 2022

d. Program/Project Specifics

Business Outreach/Technical Assistance

The City of Tukwila will provide technical assistance to help businesses, including City of Tukwila facilities, start, or improve recycling programs, waste prevention and purchase of recycled products either by e-mail, telephone, mail, or on-site visits.

City of Tukwila staff, assisted by a Business Recycling and Waste Prevention Specialist (consultant to the City of Tukwila), will respond when individual businesses, multi-tenant properties and property managers request assistance. We expect to generate requests for recycling assistance by providing information about business recycling services on the City of Tukwila's website, articles in the Chamber of Commerce's social media, and by including information and articles about City-sponsored recycling programs in the City's newsletter, the "Tukwila Hazelnut". We will send targeted postcards (and emails as possible) to Tukwila businesses, advising them of free recycling service and technical assistance. We will offer free desk-side recycling containers made of recycled plastic as an incentive to businesses that start or improve recycling/waste reduction/stewardship programs. If other opportunities arise, especially given the impact of the pandemic on business operations in the City, we will adjust the work plan for greatest effectiveness.

We will strive to improve recycling, waste reduction and environmentally preferable purchasing practices at City of Tukwila facilities, and at any City-sponsored events for the public.

We will highlight outstanding business recycling programs throughout Tukwila through "Tukwila Green Works" and "Tukwila Business Recycler of the Year" programs. Timely, scheduled telephone follow-up will be provided to all businesses reached for technical assistance either by the staff project manager or the consultant.

We will assist businesses with recycling, waste prevention and purchasing of recycled content goods, and, when possible, also furnish information about product stewardship, and conserving other resources used in typical business activities. We will give them information about recycling onsite, as well as proper offsite disposal/recycling of electronics and mercury bulbs. By contacting companies directly with individualized information, we hope to prepare and motivate businesses to change and improve their solid waste behaviors.

Tukwila's solid waste contract with Waste Management includes embedded commercial recycling. We will work with Waste Management and other recycling companies to increase signups. We will continue to coordinate with King County's Business Recycling Program by working with any Tukwila business that is referred to us, and to participate in the Solid Waste Division's industry, topic, or area-specific campaigns.

Multifamily Outreach/Technical Assistance

City of Tukwila staff, assisted by a Recycling and Waste Prevention Specialist (consultant to the City of Tukwila) will respond when multifamily residential properties and property managers request assistance to help set up, right-size, or problem-solve with onsite

recycling and/or composting issues. We will dovetail with Waste Management on identifying those sites that are low-level recyclers and reach out directly to property owners and managers to provide information, conduct on-site education, act as an interface with the solid waste provider, and provide promotional materials for recycling, such as collection bags, signage, etc. We will follow up on issues identified by Waste Management interns during their summer outreach efforts (if permitted by the pandemic).

In the winter and spring of 2021, when outreach opportunities at multifamily sites will most likely be restricted due to impacts from the pandemic, we will be creating informational handouts, and purchasing promotional items and in-unit collection bags to be used for creating home recycling kits. These will be distributed at a variety of community gathering locations, such as the Tukwila King County Library during book pick up/drop off, at Tukwila parks during outreach and meal drop off by the Parks Department, and other locations as the opportunities arise.

We will also be investigating using a portion of the funding to develop transcreated materials on recycling and waste prevention for distribution to Tukwila's diverse residential population.

Commercial and Residential Promotion/Education

We plan to promote residential and non-residential recycling and waste prevention by through a variety of activities (as permitted by the pandemic restrictions), including a selection of the following:

- Recycling and waste prevention information on Tukwila's website.
- Preparing a Business Recycling Guide including information promoting non-residential recycling and proper disposal of electronics, mercury bulbs, other hazardous materials.
- "Tukwila Green Works" program to recognize outstanding business performance.
- "Tukwila Business Recycler of the Year" award to stimulate interest in recycling
- Purchase, distribute additional recycled content promotional materials (i.e. pens, pencils, sporks, kitchen-counter composting buckets)
- Purchase and distribute desk side recycling containers free of charge as an incentive for businesses to begin or upgrade recycling programs (as permitted by the pandemic restrictions).
- Materials, such as in-unit collection bags or educational flyers, may be purchased and distributed to multi-family complexes.
- Transcreated materials in the top five languages in Tukwila.
- Waste Management and City of Tukwila utility bill inserts.

We will coordinate our promotion/education activities with King County's resources and programs as appropriate.

e. Performance and Impact Objectives

- Increase awareness among Tukwila businesses of the benefits of recycling and the technical assistance which the City offers.
- Increase awareness of and support for product stewardship.

- Work with businesses and multi-family complexes to sign up for recycling services, including the free recycling services offered via contract with Waste Management, and to down-size garbage service to save money and/or be more environmentally friendly.
 - Expand the number of businesses and multi-family complexes who sign up for recycling and ultimately improve waste diversion.
 - Reduce waste produced by businesses and ensure that businesses are recycling the correct items onsite, and bringing other items, such as computers, to proper recycling facilities.
 - Assistance to at least 50 businesses, including at least 20 on-site visits (as permitted by pandemic restrictions).
 - Assistance to at least 5 multifamily complexes, including distributing materials to facilitate recycling, such as bags.
- f. Evaluation**
- Follow-up with selected businesses and/or multi-family complexes to see if they have implemented program changes and to determine which assistance measures were the most helpful in changing recycling-related behaviors.
 - Keep data including:
 - the number of businesses and/or complexes assisted
 - type of assistance provided (mail, e-mail, on-site, other)
 - a list of business names, addresses, contact persons, and telephone numbers (and other business data) for the businesses assisted;

Task 3: Residential Program – Rain barrels

a. Project Manager

Nancy Eklund, Senior Planner, City of Tukwila

b. Consultant

We will work with Olympic Environmental Resources to distribute rain barrels during Residential Collection Events.

c. Schedule

Rain Barrels to be sold in 2021 and 2022. We will be purchasing additional rain barrels for sale.

d. Program/Project Specifics

Rain barrels are popular green gardening products for Tukwila residents. In prior years, the City has offered rain barrels for residents at significant subsidy. They have been well-received and have increased water conserving (rain barrel) behavior among Tukwila residents, as well as awareness of recycled content goods. This project will make it easier for Tukwila residents to buy and use recycled-content rain barrels to conserve water and practice other green gardening activities.

Grant funds will be used to buy and store barrels, and work with a contractor to sell the barrels at the annual RCE.

e. Performance and Impact Objectives

- Encourage greater awareness and use of water conservation and green gardening strategies by (single-family) Tukwila residents
- Help home gardeners to acquire and use recycled-content gardening equipment (i.e. recycled plastic rain barrels)
- Buy recycled plastic rain barrels to sell to Tukwila residents at a reduced cost.
- Divert plastic from the waste stream
- Promote the use of recycled content products

Tukwila will purchase recycled plastic rain barrels and sell them at a 50 to 60 percent discount to Tukwila residents at Residential Recycling Collection Events (RCE) and at the Tukwila Backyard Wildlife Festival (if pandemic does not restrict) in 2021 and 2022. To encourage purchase and use, we will charge the residents a reduced fee per rain barrel. The City will publicize the distribution event(s) through its Residential Collection Event (RCE) mailing to all Tukwila residents and on the City's website.

Each recycled plastic rain barrel weighs approximately 40 pounds and diverts approximately twice that amount (80 pounds) from the waste stream. We expect to sell all the bins. This will divert a significant amount of plastic from the waste stream and clearly demonstrate the use of a high-quality product made from recycled content. In addition to encouraging market development for plastics, distributing rain barrels encourages Tukwila residents to conserve water for reuse in the lawn and garden, and reduces surface water runoff.

f. Evaluation

- Track number of rain barrels distributed to residents.
- Sample email survey of rain barrel purchasers to determine use levels.

Task 4. Residential Program - Tukwila Community Garage Sale

a. Project Manager

Nancy Eklund, Senior Planner, City of Tukwila

b. Schedule

Summer, 2021 and 2022, if permitted per the pandemic restrictions. If the pandemic precludes holding this event, we will reallocate the funding for this task.

c. Program/Project Specifics

WRR funds will support Tukwila's recycling and reuse-oriented Community Garage Sale. Tukwila residents will hold garage/yard/rummage sales at their homes across Tukwila for one summer weekend. Tukwila will use WRR funding to provide resources for staffing,

advertising, and information about the event and reuse of goods to be disseminated to the public.

d. Performance and Task Objectives

- Support recycling, reuse of household goods, and waste prevention by supporting an event, such as the community-wide “garage sale” for Tukwila residents, and updating recycling information on the City of Tukwila website.
- Promote reuse and recycling of goods by Tukwila residents who hold garage/yard/rummage sales at their homes
- Raise awareness of reuse and recycling among the public that shops at Tukwila Community Garage Sale sites throughout the community.

e. Evaluation

- Track number residents participating in Community Garage Sale.
- Survey all participants in the Community Garage Sale to see their satisfaction with the Community Garage Sale, and to gauge their interest in future recycling/waste prevention programs and activities.

2021-2022 WRR Grant Guidelines - Revised

Program Eligibility:

The King County Solid Waste Division (SWD) SWD has updated the WRR Recycling Case Studies document (Attachment 3) and created a WRR Case Studies Summary (Attachment 4), which include many creative and innovative project ideas for WRR Grant proposals/scopes of work. These case studies offer ideas for influencing waste prevention and recycling consistent with Title 10 of King County Code, the King County Strategic Climate Action Plan, and the King County 2019 Comprehensive Solid Waste Management Plan, all of which have policies to achieve Zero Waste of Resources by 2030. SWD strongly encourages consideration of these projects in the development of grant proposals and encourages Cities to leverage WRR grant funds with multi-City projects.

Grant funds may be used for a variety of WRR related programs consistent with the Comp Plan. Cities are encouraged to work together to leverage funds and have a greater influence on waste prevention and recycling. Cities may choose to use their funding on one program or a combination of programs. For WRR program ideas, please refer to the Case Studies, which includes the examples below.

Examples of innovative projects:

- City Development of Contracts for “Responsible Recycling.”
- King County Solid Waste Division Market Development for Recycled Materials.
- King County Climate Action Through Low Embodied Carbon Purchasing.
- King County SWD: Multicultural Recycling Outreach - Recicla Mas! Es Fascilísimo.
- Regional Code Development for C&D Diversion.
- Purchase School Milk Dispensers and Reusable Cups to Replace Single-use Milk Cartons.
- City of Auburn Commercial Food Waste Outreach.
- City of Bellevue Recycling Unusual of Bulky Items.
- City of Kirkland Organics Contamination Enforcement – Cart Tagging

Please contact Lucy Auster at 206-477-5268 or lucy.auster@kingcounty.gov if you have questions about specific program eligibility and/or consistency with the Comp Plan.

The following are not eligible for funding:

- Collection of garbage, except for residual garbage related to the collection of recyclables.
- Household Hazardous Waste (HHW) education programs.
- Collection of any household hazardous waste items including, but not limited to:
treated wood, paint, lead acid batteries, oil, gasoline, and antifreeze, fluorescent lights.

Cities should pursue funding for HHW collection or education programs through the King County Hazardous Waste Management Program (Haz Waste) or the Washington State Department of Ecology Local Solid Waste Financial Assistance (LSWFA) Program.

Grant Administration

Requests for Reimbursement:

Cities may submit one request for reimbursement per year during the funding cycle, due no later than March 18, 2022 and March 17, 2023. Alternately, cities may submit requests for reimbursement as frequently as quarterly. A Budget Summary Report Form and an Expense Summary Report Form must be used when submitting requests for reimbursement and will be provided to Cities when the grant agreements are executed.

Accrual Reporting:

By the 5th working days of January 2022 and January 2023, Cities must notify SWD of the amount of their total expenditures for work that has been completed but for which a request for reimbursement has not yet been submitted, so that SWD can accrue the amounts.

Progress Reports

Progress reports describing program activities, accomplishments, and evaluation results must accompany each request for reimbursement. All progress reports must be signed by a City official. Signed reports may be scanned and emailed.

Amendments

Formal amendments to grant Interagency Agreements (IAAs) are unnecessary unless the City wishes to significantly change its scope of work and/or budget. In general, a significant change would be one in which the City wishes to add or delete a task from their scope of work. A minor change, such as moving dollars between tasks, would only require written notification, which may be submitted via e-mail. However, the City should contact SWD when considering changes to their scopes and budgets to determine if a formal amendment is needed.

SWD has streamlined the amendment process to make it easier for Cities to make changes. A City wishing to amend its scope of work will send an email to Lucy Auster with a revised scope of work, including the following:

- A brief description of any new tasks, the amount, and the start and end dates.
- A brief description of additional work you will do in any existing task you wish to move funds into from another task, the amount, and start and end dates.
- A brief description of work currently in your scope that you will not be doing, the amount that will either be going to a new task or moving to an existing task and if so which one, and a start date.

Any work included in the new scope still needs to be consistent with the [Comp Plan](#). Once the new scope of work is approved, SWD will follow up with a unilateral amendment to your agreement, which does not require City signature.



Insurance Authority

P.O. Box 88030
Tukwila, WA 98138
Phone: 206-575-6046
Fax: 206-575-7426
www.wciapool.org

10/22/2020

Ref#: 13012

King County Solid Waste
Attn: Lucy Auster
201 S Jackson St
Seattle, WA 98104

Re: City of Tukwila
WRR GRANTS 2021-2022

Evidence of Coverage - Exhibit C

The City of Tukwila is a member of the Washington Cities Insurance Authority (WCIA), which is a self-insured pool of over 160 public entities in the State of Washington.

WCIA has at least \$4 million per occurrence limit of liability coverage in its self-insured layer that may be applicable in the event an incident occurs that is deemed to be attributed to the negligence of the member. Liability coverage includes general liability, automobile liability, stop-gap coverage, errors or omissions liability, employee benefits liability and employment practices liability coverage.

WCIA provides contractual liability coverage to the City of Tukwila. The contractual liability coverage provides that WCIA shall pay on behalf of the City of Tukwila all sums which the member shall be obligated to pay by reason of liability assumed under contract by the member.

WCIA was created by an interlocal agreement among public entities and liability is self-funded by the membership. As there is no insurance policy involved and WCIA is not an insurance company, your organization cannot be named as an additional insured.

Sincerely,

A handwritten signature in black ink, appearing to read 'Rob Roscoe'.

Rob Roscoe
Deputy Director

cc: Vicky Carlsen
Lynn Miranda

BUDGET SUMMARY REPORT FORM
2021-2022 Waste Reduction & Recycling Grant Program

City: _____ Date: _____
Address: _____ Phone: _____
Invoice #: _____
Report Period: _____
Preparer's Name: _____ Contract #: _____

Total amount requested this period: _____
Total amount previously invoiced: _____
Original interlocal amount: _____
Total amount charged to date: \$ -
Amount remaining for completion of interlocal: \$ -

Table with 6 columns: Task #, Scope of Work Description (Task/title), Budget, Current Quarter Costs, Amount Previously Invoiced, Remaining Balance. Includes a TOTALS row.

For King County Use
Contract # 0
Project 1126942 Org 720122 Exp.Account 54150 Task 22.000'
Purchase Order # _____ Requisition # _____ Receipt _____
Supplier # _____ Supplier Pay Site _____ Invoice # _____ Payment Type _____

Total charges this period are approved for payment \$ _____
Project Manager: _____ Date _____

King County Waste Reduction Recycling Grant

Expense Summary Form

2021-2022 Grant Cycle

City of _____

Reimbursement Request # _____

Date _____

Contract # _____

Task Title & No.	Vendor	Date of Service	Item Description	Invoice No.	Amount Paid
Total					0



City Council Transportation & Infrastructure Services Committee – 2021 Work Plan

Verna Seal, Chair; De'Sean Quinn, Thomas McLeod				
	Description	Qtr	Action or Briefing	Status
Transportation				
1.	42nd Avenue South Phase III/Gilliam Creek Culvert			
	Project Closeout	1	A	
2.	53rd Avenue S (S 137th – S 144th St) & Water/Sewer/SSWM			
	Project Closeout	1	A	
3.	S 152nd St Safe Routes to School			
	Design Consultant Contract	2	A	RFP for design issued in 1Q with award of design expected in 2Q. No funding for construction at this time.
4.	Neighborhood Traffic Calming Program/Residential Safety			
	Various activities/updates	As needed	B	Unfunded for 2021.
5.	Annual Overlay and Repair Program			
	Bid Award for 2021 Project	2	A	
	2022 Design Contract	4	A	
6.	Annual Bridge Inspections and Repairs			
	Annual contract	1	B	Work order for 2021 inspections is in progress.
7.	West Valley Hwy (I-405-Strander)			
	Bid Award	1	A	90% PS&E done. Ad date dependent on WSDOT approval and permit approvals.
8.	Boeing Access Road over Airport Way Seismic Retrofit			
	Project Closeout	3	A	Project is currently under construction.
9.	42nd Ave S Bridge Replacement			
	Project Update at 30% Design	2	B	TranTech has been hired to perform the 30% design.
10.	Transportation Element of the Comp Plan/Walk & Roll			
	Consultant Agreement	3	A	Beginning Fall 2021. Adoption by June 2024.



City Council Transportation & Infrastructure Services Committee – 2021 Work Plan

11.	Green River Trail Improvements			
	Design Contract	3	A	
12.	OTHER			
	Grant Applications and Acceptances	1-4	A	Ongoing
	Transportation Demand Management Programs Updates & Grants	1-4	A, B	As needed
	Transportation Improvement Program Resolution	2	A	Adoption by June 30 each year
	Facility Improvements	2	A	As needed.
	Surplus Equipment Resolution - Fleet	2	A	As needed.

Utilities				
1.	Water Reservoir and Pump Station			
	Land	2	A	
	Design contract	4	A	
2.	Macadam Rd S Water Upgrade			
	Design contract	1	A	Completed 1/25/21
3.	CBD Sanitary Sewer Rehabilitation			
	Design contract	1	A	
	Construction award	3	A	
4.	Water & Sewer Comprehensive Plans			
	Data collection and modeling ongoing	4	A	
5.	GIS Inventory of Water/Sewer/SWM System			
	Consultant Agreement	4	A	Ongoing
6.	Sewer Lift Stations and Generator Upgrades			
	Design and Const Mgmt contract	1	A	Completed 2/8/21
	Bid Award	3	A	
7.	Annual Small Drainage Program			
	Bid Award 2021	2	A	
	Design contract for 2022	4	A	
8.	East Marginal Way S Stormwater Outfalls			
	Closeout	4	A	
9.	Tukwila 205 Levee Certification			
	Status Update	2	B	
10.	Stormwater Quality Retrofit Project			
	Approve DOE grant application	3	A	



City Council Transportation & Infrastructure Services Committee – 2021 Work Plan

11.	Gilliam Creek Fish Barrier Removal			
	Approve grant application (target new King County grant program)	1-4	A	If it becomes available
12.	Riverton Creek Flapgate Removal			
	Contract close-out Alia	4	A	Depending on progress
	Contract close-out At Work!	4	A	Depending on progress
13.	Green the Green			
	Applied Ecology contract close-out	1	A	
	Award 2-year maintenance contract	1	A	
	Approve (CFT) grant application for acquisition	1	A	Depends on availability
14.	Nelsen Side Channel			
	Approve grant application (target new King County grant program)	1-4	A	If it comes available
15.	Chinook Wind			
	Award design contract (trail)	2	A	
16.	Surface Water Comprehensive Plan			
	Consultant contract	2	A	
17.	S 131st Place Drainage Improvements			
	Consultant Agreement	2	A	
18.	Other			
	Franchise utility agreements and approvals (SCL, Century Link, Comcast, Cascade Water, Sewer)			As needed
19.	Standard Reports/Briefings			
	Waste Management Update	A	PW	
	NPDES	A	PW	
20.	Public Works Facilities			
	Monthly Update	1-4	B	Ongoing
	Bid Award & Options	1	A	
	Possible development agreement			