



September 17, 2019

Dan Layden  
Portland Bureau of Transportation  
1120 SW 5<sup>th</sup> Ave, Suite 800  
Portland, OR 97204

RE: *SULLIVAN'S CROSSING BICYCLE AND PEDESTRIAN BRIDGE*  
Contract No. 30006699  
**Guaranteed Maximum Price**

HP Civil Incorporated is please to submit our guaranteed maximum price for constructing the Sullivan's Crossing Bicycle and Pedestrian Bridge for a total of \$12,762,854.59, including the Bureau of Environmental Services work less change order 1. This offer includes;

- I. Concise Bid Proposal
- II. Detailed Cost Estimate
- III. Exhibit A Bid Assumptions and Clarifications
- IV. Exhibit B Community Equity and Inclusion Plan

This price is based on the drawings and specifications listed below, which were produced by KPFF.

- I. Draft Final Plans dated 6-17-2019.
- II. Value Engineering as detailed in bid assumptions.
- III. BES Plans dated 8-05-2019

Sincerely,

A handwritten signature in cursive script that reads 'Larry Gescher'.

Larry Gescher  
Project Manager



### Sullivan GMP Assumptions

- Bid based on Draft Final Plans dated 6-17-2019.
- BOLI Prevailing Wage effective January 1, 2019 w/ April 1, 2019 Amendment
- Class 4000 concrete for impacts, not 4000 HPC
- Class 1 finish on edge of deck, remaining is all general surface finish, uncoated
- Impact Panel and Bridge Deck are broom finish with QPL spray cure
- LDCC will be paid by the CY ticket
- Touch up and field coating over bolted connections and splice connections is being performed with hand tool methods, not SSPC 16.
- Erection aids will be able to be left on the steel and used for the steel erection, ground off and coated with the specified coating system.
- Close the NE Grand EB I-84 On-Ramp, 2C-19, a full night shift and full day before the weekend closure to allow for crane set-up and staging.
- Barrier – We are unsure of the condition of the barrier on I-84 that is shown to move. We have assumed we can use what is there as temporary and then re-install it. We have included patching and re-painting the barrier under the temp barrier bid item.
- Drainage mat strips behind LDCC are on 8ft c-c increments.
- Ornamental fencing on L-12 is priced with bolted connections, powder coated. We have not included touch-up of bolt heads on this fence.
- Powder coating on pedestrian rail and decorative fencing is only warranted for 1-year.
- Apprenticeship requirements apply to subcontracts greater than \$300,000.00.
- Driveway at Protec to be maintained for single vehicle access at all times except for a 2 – 3 week period leading up to the arch erection.
- Property leases for 18 months.
- Railroad Insurance limits GL limits \$1M/\$2M with a \$5M Umbrella and Pollution limits of \$5M/\$10M.
- Field welding utilizing Core Shield 8 wire.
- LDCC to be paid by the CY of placed material.
- Monthly progress payments to be made on the structural steel materials as they are delivered including overhead and profit as billed by the structural steel supplier.
- Shop assembly of the structural steel to be accomplished utilizing a progressive fit up system.
- Price valid for 30 days from submission date.

### BES Assumptions

- Bid based on BES plans dated 8-05-2019 and bid form emailed on 9-03-2019.
- Traffic Control



- Close NE Davis/NE 7<sup>th</sup> intersection during manhole and lateral work – 1-week duration, detour will be needed
- Close Everett to Davis Street Daily, including parking
- Close the intersection of NE Everett/7<sup>th</sup> for 2 weeks
- ADA/Storm Work on NE 6<sup>th</sup>/NE Everett, close parking & one lane for work, and flag under the bid item, as needed.
- BES will pick up salvaged boulders stockpiled on project
- BES paving based on using ½" Mix.
- BES work starts at MH-03 and proceeds South.
- No contaminated media removal. Bid removed from bid schedule.
- Removal of surfaces, pipes, and horse rings is in Removal of Structures and Obstructions. Bid items removed from bid schedule.

#### **Value Engineering Assumptions**

1. Provided Scrap Steel credit for falsework steel (See Tables Included Herein)
2. Provided 50% credit for crane mats (See Tables Included Herein)
3. Included final revised numbers from Mohawk Metal for Ped Rail Revisions (See Mohawk Quote)
4. Revised pedestrian rail types 1,2,3,4 to match revised redline drawings. Used Mohawk price.
5. Removed overhang on Gabion walls on North End. Revised Sheet
6. We have revised our quantities on the following to match changes provided on sheets 3,4,5. This encompasses revising the CIP concrete sidewalks and changing them to AC Paved Walks. This also deletes the pavement legend, Type F – Green.
7. Revised Impact Panel pricing to match BR508 revision.
8. Our revised pricing is based on Sheet R606, except for holding all the concrete back from the face of the wall a minimum of 6 inches. This is not what is shown on the revised drawing.
9. We eliminated the rock facing around Bent 2. Child Item 573
10. Included changed to sheet 5, fence on sheet 5 referenced has been priced as 6ft chain link.
11. Took out 24 feet of expansion joint cover plate. We now only have 24 feet over expansion joint cover plate. Bid Item 710
12. We reduced the matting quantity to what we feel we will impact. Bid Item 200.
13. We currently have changed all the steel fence in bid items 1390, 1400, 1410 to all chain link fence. We have left the fence around Bent 2 as chain link. If we are to go back to anti-climb or L-12 Steel fence, we will need to add the difference of footage between \$90/FT and \$404/FT. The quantity would need to be adjusted as such.
14. Shifted the arch to allow for temp access into the building for small cars on 7<sup>th</sup> street. Added a little for West Side Iron for scaffold on non-manlift accessible area.



After 7-30-2019 Changes

15. Revised TMA per Jeff's email on July 29, 2019. TMA's are still paid by the each. We put 2 for the duration, plus 4 for the weekend closure and 5 for the center lane closure that requires the closure of the I-5 NB ramp to I-84 EB ramp. Cut TMA's to 2 for the duration – 13 months and 5 for 1 week. This would cover the EB center lane closure/weekend closure.
16. Revised railing prices to match Mohawk prices on 7-29-2019 – Quote 6 – Rev 2...We have included the elliptical tube. The North and South landings both have been changed to NO LEANING rail and straight frames. Anchor cluster will be cast into the concrete with a template and then a post will be installed. Prefabricated panels will attach to that. The frames and meshing on the Type 1 rail on the bridge are all stainless. The posts and structural frame are powder coated. The bottom connections will be galvanized. We will not be doing touch-up on the bottom connections, only on the upper visual connections. We have included 1 clean and topcoat application on bolt heads.
17. Revised 8ft chain link around bent 2 to include the expanded metal attached. Pricing by Town & Country. The rest of the fence does not include the expanded metal.
18. We removed bid item 1380 – 2 years additional establishment. The contract will now only have the standard specification 1 year.
19. As per direction, added 4000 feet of thermo stripe to original qty and added 4 each additional pavement legends, type b- hs : arrows.
20. Added Bid Item 931 for Revised L-12 drawing. This fence is different from anything on the project. This item includes the approx. 60ft of fence and the ped gate on that end.
21. Revised chain link quantities to match what is currently shown on the plans as of 7-31-2019.
22. Revised the following bid items per email from KPFF on 7-31-2019
  - Matting and Sediment fence quantities based on revised erosion control plans
  - Aggregate Base, 4 Inches thick item has been removed since aggregate base is incidental to 0759 items such as 4" and 6" thick sidewalks per the special provisions
  - Aggregate base, 8 Inches thick item added to cover aggregate under the paved bike ramps
  - Level 3 AC quantity includes 3-inch paving of the bike ramps
  - Concrete Curbs, Low Profile Mountable quantity lowered even though I added about 30' at the south plaza; not sure why your quantity was so high
  - *Revised pricing on bid item 800-870 adding the aggregate base to each one of the concrete items per P-540, P-551 standard drawings.*
23. We do not have any liquidated damages associated with apprenticeship goals.
24. Tier 4 emissions goal is aspirational, and HP Civil will put together a Tier 4 emissions plan per the contract.
25. Item 15 on this list was added back into the estimate, the lighting cut we previously took was a misunderstanding. This added back the \$15k.
26. We revised the bearing pricing to match the email from Stephen Wittington on 7-31-2019.



#### **Additional GMP Assumptions – 8-20-2019**

1. Deleted Bid Items 720 and 730. Moved cost in these items to Bid Item 1180.
2. Deleted Bid item 1170 – work to be clarified and added later.
3. Added Temporary Driveway dealing with Arch shift to allow people into the parking lot on 7<sup>th</sup>.
4. Corrected Pole Foundation Qty, Bid Item 1140. The original bid qty was 3 each. Northstar gave a price per each of \$1,300/EA. We had assumed 1 LS. Northstar provided a takeoff of 24 each. We revised the qty on the Pole Foundations to 24 each and the unit price. If quantity changes, we have a payment item for it.
5. Revised Bid Item 1443 – Tree Foundations - to 3 each.
6. Raised Bid Item 610 – Micropile Proof Load Tests to 6 each, up 3.
7. Revised Bid Item 570 – Retaining Wall, Gabion to a 1 lump sum bid item. \*\*\*Note – We have based on quantities on survey and grade information provided. If survey before wall shop drawings shows deviations, we will discuss with the owner.
8. Added cost for secondary containment under the pan decking & overhang. Added cost to Bid Item 650 – Deck Concrete Class 4000.



<b>Total Temp Work Credit =</b>		\$	(43,276.44)
<b><u>Pipe Pile</u></b>			
	1350	ft	
\$	67.00		
\$	90,450.00		
\$	0.06	scrap price - \$0.06/LB	
	170100	Total Lbs (126Lb/FT)	
\$	(10,206.00)	Scrap Credit	
<b><u>Crane Mats</u></b>			
	30	Each	
\$	1,859.00		
\$	55,770.00		
\$	929.50	Credit Half of Purchase	
\$	(27,885.00)	Total Credit	
<b><u>7th Ave Top Falsework</u></b>			
	15264	LBS	
\$	0.52	\$/LB	
\$	7,937.28		
\$	0.06	scrap price - \$0.06/LB	
	15264	Total Lbs (126Lb/FT)	
\$	(915.84)	Scrap Credit	
<b><u>I-84 Falsework Tower</u></b>			
	56160	LBS	
\$	0.55	\$/LB	
\$	30,888.00		
\$	0.06	scrap price - \$0.06/LB	
	56160	Total Lbs (126Lb/FT)	
\$	(3,369.60)	Scrap Credit	
<b><u>Bent 2 Arch Tube Falsework</u></b>			
	15000	LBS	
\$	0.52	\$/LB	
\$	7,800.00		
\$	0.06	scrap price - \$0.06/LB	
	15000	Total Lbs (126Lb/FT)	
\$	(900.00)	Scrap Credit	

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**BID TOTALS**

<u>Biditem</u>	<u>Description</u>	<u>Status - Rnd</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Bid Total</u>
10	MOBILIZATION	F - New	1.000	LS	1,230,580.00	1,230,580.00
20	TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	F - New	1.000	LS	236,500.00	236,500.00
30	TEMPORARY SIGNS	F - New	2,320.000	SF	15.90	36,888.00
40	TEMPORARY BARRICADES, TYPE II	F - New	12.000	EACH	47.10	565.20
50	TEMPORARY BARRICADES, TYPE III	F - New	86.000	EACH	112.00	9,632.00
60	TEMPORARY CONCRETE BARRIER, REFLECTORIZED	F - New	700.000	FOOT	46.30	32,410.00
70	MOVING TEMPORARY CONC BARRIER	F - New	250.000	FOOT	8.12	2,030.00
80	TEMPORARY IMPACT ATTENUATOR, TMA	F - New	8.000	EACH	10,300.00	82,400.00
90	TEMPORARY PEDESTRIAN CHANNELIZING DEVICES	F - New	200.000	FOOT	23.60	4,720.00
100	TEMPORARY PLASTIC DRUMS	F - New	670.000	EACH	33.00	22,110.00
110	TEMPORARY STRIPING	F - New	3,100.000	FOOT	0.35	1,085.00
120	TEMPORARY PAVEMENT LEGENDS	F - New	6.000	EACH	75.30	451.80
130	SEQUENTIAL ARROW SIGNS	F - New	5.000	EACH	2,920.00	14,600.00
140	PORTABLE CHANGEABLE MESSAGE SIGNS	F - New	30.000	EACH	4,290.00	128,700.00
150	FLAGGERS	F - New	1,000.000	HOUR	63.20	63,200.00
151	FLAGGER LIGHT STATIONS	F - New	500.000	HR	10.10	5,050.00
160	TRAFFIC CONTROL SUPERVISOR	F - New	250.000	HR	80.60	20,150.00
170	RAILROAD FLAGGERS	F - New	80.000	DAY	1,460.00	116,800.00
180	EROSION CONTROL	F - New	1.000	LS	31,900.00	31,900.00
190	PLASTIC SHEETING	F - New	3,000.000	SQYD	3.50	10,500.00
200	MATTING	F - New	1,260.000	SQYD	1.75	2,205.00
210	CONSTRUCTION ENTRANCES	F - New	3.000	EACH	5,700.00	17,100.00
220	TIRE WASH FACILITY	F - New	2.000	EACH	7,910.00	15,820.00
230	SEDIMENT FENCE, SUPPORTED	F - New	450.000	FOOT	8.40	3,780.00
240	INLET PROTECTION	F - New	20.000	EACH	203.00	4,060.00
250	CONCRETE WASHOUT FACILITY	F - New	2.000	EACH	3,580.00	7,160.00
260	POLLUTION CONTROL PLAN	F - New	1.000	LS	499.00	499.00
261	CONTAMINATED MEDIA DISPOSAL	F - New	600.000	TON	71.10	42,660.00
270	TEMP ORANGE MESH FENCE	F - New	445.000	LF	5.45	2,425.25
280	TEMPORARY CL-6R CHAIN LINK FENCE	F - New	2,305.000	FOOT	7.80	17,979.00
290	TREE REMOVAL, 0-12 INCH	F - New	24.000	EACH	1,100.00	26,400.00
300	TREE REMOVAL, 13-24 INCH	F - New	25.000	EACH	1,100.00	27,500.00
310	TREE REMOVAL, OVER 24 INCH	F - New	10.000	EACH	1,100.00	11,000.00
320	CONSTRUCTION SURVEYING	F - New	1.000	LS	85,000.00	85,000.00
330	REMOVAL OF STRUCTURES & OBSTRUCTIONS	F - New	1.000	LS	47,100.00	47,100.00
340	CLEARING AND GRUBBING	F - New	1.000	LS	38,900.00	38,900.00
350	TREE ROOT REMOVAL	F - New	40.000	HOUR	110.00	4,400.00
360	TREE TRIMMING	F - New	24.000	HOUR	318.00	7,632.00
370	GENERAL EXCAVATION	F - New	1,050.000	CUYD	43.70	45,885.00

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**BID TOTALS**

<u>Biditem</u>	<u>Description</u>	<u>Status - Rnd</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Bid Total</u>
372	GROUTED RIP-RAP	F - New	40.000	CY	422.00	16,880.00
380	VIDEO INSPECTION OF SEWERS, MAINLINE	F - New	298.000	FOOT	17.30	5,155.40
390	POTHOLE EXCAVATION	F - New	4.000	EACH	3,530.00	14,120.00
399	12 inch PVC Pipe	F - New	82.000	FOOT	205.00	16,810.00
400	10 INCH PIPE, PVC ASTM D3034 SDR35	F - New	298.000	FOOT	88.10	26,253.80
401	6 INCH PIPE,DIP AWWA C-150 CLASS 51	F - New	42.000	FOOT	160.00	6,720.00
402	10 INCH PIPE, DIP AWWA C-150 CLASS 51	F - New	43.000	FOOT	152.00	6,536.00
403	TERMINAL CLEANOUT	F - New	2.000	EA	2,240.00	4,480.00
410	CONCRETE INLETS, TYPE G-1	F - New	3.000	EACH	2,140.00	6,420.00
420	CONCRETE INLETS, TYPE G-2	F - New	7.000	EACH	2,210.00	15,470.00
430	CONCRETE INLETS, TYPE CG-3	F - New	1.000	EACH	2,290.00	2,290.00
431	CONCRETE INLETS, type cg-3 (MODIFIED)	F - New	1.000	EA	2,300.00	2,300.00
440	ADJUSTING BOXES	F - New	1.000	EACH	640.00	640.00
450	CONNECTION TO EXISTING STRUCTURES	F - New	3.000	EACH	2,410.00	7,230.00
460	ADJUSTING INLETS	F - New	1.000	EACH	666.00	666.00
470	PERMANENT PLUGS	F - New	3.000	EACH	369.00	1,107.00
480	MINOR ADJUSTMENT OF MANHOLES	F - New	1.000	EACH	666.00	666.00
481	48" MANHOLE	F - New	2.000	EA	6,140.00	12,280.00
490	MANHOLES OVER EXISTING SEWERS	F - New	1.000	EACH	12,900.00	12,900.00
495	ABANDON MANHOLE IN PLACE	F - New	1.000	EACH	5,350.00	5,350.00
500	TEMPORARY TRENCH RESURFACING	F - New	30.000	SQYD	193.00	5,790.00
510	TRENCH RESURFACING	F - New	64.000	SQYD	201.00	12,864.00
520	LOW DENSITY CELLULAR CONCRETE, CLASS, III	F - New	2,650.000	CUYD	84.90	224,985.00
530	STRUCTURE EXCAVATION	F - New	1.000	LS	101,000.00	101,000.00
540	GRANULAR STRUCRE BACKFILL	F - New	1.000	LS	39,000.00	39,000.00
550	SHORING, CRIBBING AND COFFERDAMS	F - New	1.000	LS	432,600.00	432,600.00
560	RETAINING WALL, CAST-IN-PLACE CONCRETE	F - New	429.000	SQFT	104.00	44,616.00
570	RETAINING WALL, GABION	F - New	1.000	LS	204,425.00	204,425.00
580	FURNISH MICROPILE EQUIPMENT	F - New	1.000	LS	41,000.00	41,000.00
590	MICROPILES	F - New	28.000	EACH	16,300.00	456,400.00
600	MICROPILE VERIFICATION LOAD TEST	F - New	4.000	EACH	2,720.00	10,880.00
610	MICROPILE PROOF LOAD TEST	F - New	6.000	EACH	1,450.00	8,700.00
620	REINFORCEMENT	F - New	1.000	LS	122,500.00	122,500.00
630	REINFORCED CONCRETE BRIDGE END PANELS - 8" THICK	F - New	85.000	SQYD	310.00	26,350.00
640	GENERAL STRUCTURAL CONCRETE, CLASS 4000	F - New	1.000	LS	355,000.00	355,000.00
650	DECK CONCRETE, CLASS 4000	F - New	1.000	LS	346,600.00	346,600.00
651	DECK FLOODING	F - New	2,400.000	SF	2.35	5,640.00
660	STRUCTURAL STEEL	F - New	1.000	LS	2,061,000.00	2,061,000.00
670	STRUCTURAL GRD 65 STEEL PIPE	F - New	1.000	LS	2,057,780.00	2,057,780.00



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**BID TOTALS**

<u>Biditem</u>	<u>Description</u>	<u>Status - Rnd</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Bid Total</u>
680	PEDESTRIAN RAIL, TYPE 1	F - New	1.000	LS	596,500.00	596,500.00
690	LEANING RAIL	F - New	418.000	LF	227.52	95,103.36
700	1 INCH ELECTRICAL CONDUIT	F - New	830.000	FOOT	12.70	10,541.00
710	STEEL SLIDE PLATE JOINT	F - New	1.000	LS	12,400.00	12,400.00
731	COLD PLANE PAVEMENT REMOVAL, 2 INCHES DEEP	F - New	90.000	SQYD	40.80	3,672.00
740	COLD PLANE PAVEMENT REMOVAL, 3 INCHES DEEP	F - New	1,030.000	SQYD	8.11	8,353.30
760	AGGREGATE BASE, 8 INCHES	F - New	300.000	SQYD	189.28	56,784.00
770	LEVEL 1, 1/2 INCH DENSE, MWMAC MIXTURE, IN TEM	F - New	10.000	TON	218.65	2,186.50
780	LEVEL 3, 1/2 INCH DENSE, MWMAC MIXTURE	F - New	560.000	TON	146.00	81,760.00
781	17 INCH AC REPAIR	F - New	590.000	SQYD	106.00	62,540.00
790	ASPHALT APPROACHES	F - New	72.000	SQFT	8.75	630.00
800	CONCRETE CURBS, LOW PROFILE MOUNTABLE CURB	F - New	206.000	FOOT	60.80	12,524.80
810	CONCRETE CURBS, STANDARD CURB	F - New	506.000	FOOT	55.35	28,007.10
811	CONCRETE CURB, MOUNTABLE	F - New	94.000	FOOT	60.50	5,687.00
820	CONCRETE ISLANDS	F - New	195.000	SQFT	50.90	9,925.50
830	CONCRETE DRIVEWAYS	F - New	1,402.000	SQFT	20.80	29,161.60
840	CONCRETE WALKS	F - New	3,340.000	SQFT	15.10	50,434.00
850	MONOLITHIC CURB AND SIDEWALKS	F - New	3,454.000	SQFT	32.70	112,945.80
860	MONOLITHIC CURB AND SIDEWALKS, 6-INCHES THICK	F - New	342.000	SQFT	34.60	11,833.20
870	CONCRETE WALKS, 6-INCHES THICK	F - New	3,300.000	SQFT	15.62	51,546.00
901	GRASS PAVING SYSTEM	F - New	665.000	SQFT	9.85	6,550.25
910	EXPOSED AGGREGATE CONCRETE SURFACE	F - New	600.000	SQFT	27.40	16,440.00
920	PEDESTRIAN RAIL, TYPE 2	F - New	1.000	LS	35,000.00	35,000.00
930	PEDESTRIAN RAIL, TYPES 3 & 4	F - New	1.000	LS	109,950.00	109,950.00
931	PED RAL - SOUTH SIDE BENT 1	F - New	1.000	LS	41,000.00	41,000.00
940	REMOVABLE BOLLARDS	F - New	18.000	EACH	1,160.00	20,880.00
950	PAVEMENT LINE REMOVAL	F - New	4,000.000	FOOT	1.15	4,600.00
960	PAVEMENT LEGEND REMOVAL	F - New	10.000	EACH	86.80	868.00
970	PAVEMENT BAR REMOVAL	F - New	800.000	SQFT	3.45	2,760.00
980	SURFACE MOUNTED TUBULAR MARKERS	F - New	25.000	EA	218.00	5,450.00
990	THERMO PERM STRIPE	F - New	12,110.000	LF	2.30	27,853.00
1000	PAVEMENT LEGEND, TYPE B-HS: ARROWS	F - New	10.000	EACH	347.00	3,470.00
1010	PAVEMENT LEGEND, TYPE B-HS: OFF-STREET PATH "PED",	F - New	21.000	EACH	261.00	5,481.00
1020	PAVEMENT LEGEND, TYPE B-HS: BICYCLE	F - New	16.000	EACH	359.00	5,744.00
1030	PAVEMENT LEGEND, TYPE B-HS: YIELD LINE TRIANGLE "B	F - New	9.000	EACH	57.90	521.10
1040	PAVEMENT LEGEND, TYPE B-HS: LEFT-TURN BIEK BOX "BX	F - New	1.000	EACH	289.00	289.00
1050	PAVEMENT LEGEND, TYPE F: GREEN BI	F - New	3,813.000	SQFT	11.50	43,849.50
1060	PAVEMENT BAR, TYPE B-HS	F - New	710.000	SQFT	9.40	6,674.00
1070	REMOVE EXISTING SIGNS	F - New	1.000	LS	648.00	648.00

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**BID TOTALS**

<u>Biditem</u>	<u>Description</u>	<u>Status - Rnd</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Bid Total</u>
1080	REMOVE & REINSTALL EXISTING SIGNS	F - New	1.000	LS	559.00	559.00
1090	SIGN SUPPORT FOOTINGS, BREAKAWAY	F - New	1.000	LS	2,360.00	2,360.00
1100	PIPE SIGN SUPPORTS	F - New	1.000	LS	2,060.00	2,060.00
1101	TYPE "G5" SIGNS IN PLACE	F - New	6.670	SQFT	41.20	274.80
1102	TYPE "R" SIGNS IN PLACE	F - New	12.500	SQFT	21.20	265.00
1103	TYPE "R2" SIGNS IN PLACE	F - New	4.000	SQFT	21.20	84.80
1110	TYPE "W1" SIGNS IN PLACE	F - New	19.200	SQFT	21.20	407.04
1120	TYPE "W2" SIGNS IN PLACE	F - New	16.500	SQFT	20.60	339.90
1121	TYPE "W11" SIGNS IN PLACE	F - New	4.500	SQFT	20.60	92.70
1130	REMOVAL OF ELECTRICAL SYSTEMS	F - New	1.000	LS	2,890.00	2,890.00
1140	STANDARD POLE FOUNDATIONS	F - New	24.000	EA	1,510.00	36,240.00
1150	STANDARD LIGHTING POLES AND ARMS, FIXED BASE	F - New	1.000	LS	50,900.00	50,900.00
1160	STANDARD LUMINAIRES, LAMPS AND BALLASTS	F - New	1.000	LS	52,100.00	52,100.00
1180	NON-STANDARD LUMINAIRES, LAMPS AND BALLASTS	F - New	1.000	LS	90,220.00	90,220.00
1190	SWITCHING, CONDUIT, AND WIRING	F - New	1.000	LS	168,000.00	168,000.00
1200	REINSTALL EXISTING ILLUMINATION SYSTEMS	F - New	1.000	LS	2,890.00	2,890.00
1220	TRAFFIC SIGNAL INSTALLATION	F - New	1.000	LS	299,000.00	299,000.00
1230	INTERCONNECT SYSTEM	F - New	1.000	LS	33,000.00	33,000.00
1240	TRAFFIC CAMERA INSTALLATION	F - New	1.000	LS	5,210.00	5,210.00
1250	TEMPORARY CONSTRUCTION EASEMENTS	F - New	1.000	ALLO	143,000.00	143,000.00
1260	PERMANENT SEEDING	F - New	2.000	ACRE	7,240.00	14,480.00
1270	LAWN SEEDING (LOW GROW HYDROSEED APPLICATION)	F - New	602.000	SY	4.35	2,618.70
1280	TOPSOIL	F - New	486.000	CY	71.80	34,894.80
1290	SOIL CONDITIONER	F - New	64.000	CY	84.50	5,408.00
1300	SOIL CONDITIONER (MITIGATION FOR PARKING LOT)	F - New	17.000	CY	84.50	1,436.50
1310	CONIFER TREES, 12 FT	F - New	24.000	EACH	899.00	21,576.00
1320	DECIDUOUS TREES, 2" CALIPER	F - New	32.000	EACH	899.00	28,768.00
1330	DECIDUOUS TREES, 2" CALIPER (MITIGATION)	F - New	6.000	EACH	899.00	5,394.00
1340	SHRUBS, #2 CONTAINER	F - New	107.000	EACH	25.50	2,728.50
1350	SHRUBS, #2 CONTAINER (MITIGATION FOR PARKING LOT)	F - New	113.000	EACH	25.50	2,881.50
1360	GROUND COVER, #1 CONTAINER (MITIGATION FOR PARKING	F - New	641.000	EACH	15.10	9,679.10
1370	GROUND COVER, #1 CONTAINER	F - New	1,556.000	EACH	15.10	23,495.60
1390	8FT BLACK VINYL CHAIN LINK FENCE	F - New	166.000	FT	193.00	32,038.00
1400	6FT BLACK VINYL CHAIN LINK FENCE	F - New	225.000	FT	58.00	13,050.00
1410	BLACK VINYL CHAIN LINK GATE	F - New	4.000	EACH	2,900.00	11,600.00
1430	LANDSCAPE BOULDERS (SIZE VARIES)	F - New	75.000	EACH	162.00	12,150.00
1431	14" STEEL CASING	F - New	35.000	FT	168.00	5,880.00
1440	LITTER RECEPTACLES	F - New	6.000	EA	1,010.00	6,060.00
1441	CONCRETE STAIRS	F - New	2.000	CY	3,690.00	7,380.00

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 Sullivan GMP FINAL - 9-6-2019 w\_o Str St

**BID TOTALS**

<u>Biditem</u>	<u>Description</u>	<u>Status - Rnd</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Bid Total</u>
1442	TRENCH DRAIN	F - New	1.000	LS	13,900.00	13,900.00
1443	TREE FOUNDATIONS	F - New	3.000	EA	6,700.00	20,100.00

Sullivans Crossing GMP

\$11,925,156.40

1450	MOBILIZATION	F - New	1.000	LS	105,895.00	105,895.00
1460	TPDT, COMPLETE	F - New	1.000	LS	20,200.00	20,200.00
1470	FLAGGERS, AS DIRECTED BY OWNER	F - New	60.000	HR	63.20	3,792.00
1480	TEMP TYPE ORANGE PLASTIC MESH FENCE	F - New	280.000	FT	6.55	1,834.00
1490	EROSION CONTROL	F - New	1.000	LS	3,150.00	3,150.00
1505	CHECK DAMS	F - New	4.000	EA	949.00	3,796.00
1510	INLET PROTECTION	F - New	20.000	EA	184.00	3,680.00
1520	CONSTRUCTION SURVEY WORK	F - New	1.000	LS	5,793.91	5,793.91
1570	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	F - New	1.000	LS	20,000.00	20,000.00
1590	CLEARING AND GRUBBING	F - New	1.000	LS	25,000.00	25,000.00
1600	VIDEO INSPECTION OF SEWERS, MAINLINE	F - New	1,184.000	FT	59.50	70,448.00
1609	POTHOLE EXCAVATION	F - New	6.000	EA	3,530.00	21,180.00
1610	TRENCH EXCAVATION, COMMON	F - New	869.000	CY	61.00	53,009.00
1630	TRENCH BACKFILL, CLASS B	F - New	690.000	CY	50.90	35,121.00
1660	STORMWATER PLANTERS	F - New	1,288.000	SF	36.40	46,883.20
1665	8 INCH PIPE, HDPE ASTM F714 SDR 26, BEDDING TYPE D	F - New	76.000	FT	23.60	1,793.60
1675	12 INCH PIPE, HDPE ASTM F714 SDR 26, BEDDING TYPED	F - New	21.000	FT	38.40	806.40
1676	6 INCH PIPE, PVC ASTM D3034 SDR 35, BEDDING TYPE D	F - New	114.000	FT	16.40	1,869.60
1680	12 INCH PIPE,PVC ASTM D3034 SDR 35, TYPE D BED COM	F - New	52.000	FT	33.20	1,726.40
1690	15 INCH PIPE,PVC ASTM D3034 SDR35, BEDDING TYPE D	F - New	239.000	FT	22.60	5,401.40
1700	18 INCH PIPE,PVC ASTM F679 SDR PS46, BED TYPE D	F - New	270.000	FT	31.64	8,542.80
1709	FIELD FABRICATED CONNECTIONS	F - New	7.000	EA	4,435.44	31,048.08
1740	CONCRETE MANHOLES, 48 INCH, 0-8FT DEEP	F - New	3.000	EA	6,240.00	18,720.00
1745	CONCRETE MANHOLES, 60 INCH, 0-8FT DEEP	F - New	1.000	EA	8,445.00	8,445.00
1750	CONCRETE MANHOLES, 48 INCH, DEEPER THAN 8FT	F - New	5.000	FT	880.00	4,400.00
1755	CONCRETE MANHOLES, 60 INCH, DEEPER THAN 8FT	F - New	4.000	FT	2,920.00	11,680.00
1770	CONCRETE INLETS, TYPE G-2	F - New	1.000	EA	2,210.00	2,210.00
1771	CONCRETE INLETS, TYPE METAL	F - New	6.000	EA	490.00	2,940.00
1772	CONCRETE INLETS, TYPE METAL (MODIFIED)	F - New	4.000	EA	490.00	1,960.00
1780	CONCRETE INLETS, TYPE BEEHIVE	F - New	2.000	EA	2,450.00	4,900.00

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**BID TOTALS**

<u>Biditem</u>	<u>Description</u>	<u>Status - Rnd</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Bid Total</u>
1790	FILLING ABANDONED STRUCTURES	F - New	3.000	EA	5,350.00	16,050.00
1805	MAJOR ADJUST OF MANHOLES	F - New	1.000	EA	6,060.00	6,060.00
1820	DIVERSION OF FLOW	F - New	1.000	LS	15,000.00	15,000.00
1830	TEMPORARY TRENCH RESURFACING	F - New	361.000	SY	57.00	20,577.00
1850	AGGREGATE BASE	F - New	164.000	CY	113.80	18,663.20
1860	LEVEL 3, 1/2" DENSE MWMAC MIXTURE	F - New	600.000	TON	146.00	87,600.00
1870	MONOLITHIC CURB AND GUTTER SIDEWALKS	F - New	1,700.000	SF	53.00	90,100.00
1880	CONCRETE CURBS, THICKENED CURB AND GUTTER	F - New	240.000	LF	104.00	24,960.00
1890	CONCRETE CURBS, STANDARD CURB	F - New	22.000	LF	44.40	976.80
1900	CONCRETE WALKS	F - New	1,170.000	SF	10.20	11,934.00
1919	SIGN SUPPORT FOOTINGS, BREAKAWAY	F - New	1.000	LS	15,600.00	15,600.00
1920	REMOVE AND REINSTALL EXISTING SIGNS	F - New	1.000	LS	2,525.00	2,525.00
1940	MONO-DIRECTIONAL WHITE TYPE 1 MARKERS	F - New	15.000	EA	11.60	174.00
1950	CURB MARKINGS - PAINT	F - New	216.000	FT	5.80	1,252.80

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BES Work \$837,698.19

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Bid Total \$12,762,854.59



## Exhibit B - Community Equity and Inclusion Plan

In accordance with the requirements set forth in the Community Equity and Inclusion Plan section of the Request for Proposal; HP Civil Inc. will perform the following;

### DMWESB Subcontractor Outreach

1. HP Civil Inc. will submit all DMWESB documents called out in Exhibit E of the Request for Proposal.
2. HP Civil has completed our subcontractor outreach. Our DMWESB participations is listed below;

Total DMWESB Participation	\$4,350,321.74
<b>% DMWESB</b>	<b>37.64%</b>
<b>% DBE</b>	<b>33.00%</b>
<b>% MBE</b>	<b>29.71%</b>
<b>%WBE</b>	<b>4.92%</b>
<b>% ESB</b>	<b>3.01%</b>

Subcontractor	Scope	Value
Anderson Erosion Control	Landscaping	\$140,409.67
Brothers Concrete Cutting	Saw Cutting	\$20,286.27
Cartello Construction	Signing	\$83,108.55
Certified Personnel Services	Flagging	\$57,854.80
Fillups Trucking	Dump Trucks	\$99,564.29
Kodiak Pacific Construction	AC Paving	\$187,815.75
West Side Iron	Str. Steel	\$3,413,500.00
Westwind Concrete	Curb & Sidewalk	\$347,782.41
		\$4,350,321.74

### Hiring and Apprenticeship Procedures

1. Submit data on the current utilization of women and minorities in apprenticeships every three months.
3. HP Civil Inc. will ensure that all apprentices on the Project will be enrolled in either a state or federally registered apprenticeship program; HP Civil Inc. works with the Northwest College of Construction to achieve its apprenticeship goals.
4. Where applicable, HP Civil Inc. will work with union and non-union hiring resources and Community Based Organizations for employment opportunities.



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 Stayton, OR 97383  
 CCB # 202060

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 Fax: 503-769-2761  
 estimating@hpcivil.com  
 ap@hpcivil.com



5. Larry Gescher is HP Civil's point person for participation and fulfillments for the requirements of this plan.
6. HP Civil Inc. will comply with Portland City Code Chapter 23.10 which requires an applicant's criminal background history may not be considered prior to the conditional offer of employment except when exemptions apply.
  - a. Nothing in this plan limits HP Civil Inc.'s rights to reject any applicant for any reason provided that such right is exercised in good faith and in a nondiscriminatory manner.
7. HP Civil Inc. will provide all apprentices a fair chance to perform successfully by providing the following:
  - a. On the job training including; hands on training, state approved training programs, and training in all work processes described in their apprenticeship.
8. HP Civil Inc. will pay all of its apprentices in accordance with state prevailing wages applicable to the project, including health insurance and retirement benefits.
9. HP Civil Inc. is a registered Training Agent with the Northwest College of Construction. We are anticipating training opportunities for Carpenters, Cement Masons, Ironworkers, Laborers, and Operators. Exemptions will be requested for scopes in which the work crews do not meet the BOLI ratios of journeyman to apprentice.
10. HP Civil Inc. will specifically request Women and Minorities when requesting apprentices from the NW College of Construction in order to help remedy a historical underutilization in our workforce.
11. HP Civil Inc. will maintain written record of requests for apprentices as well as record of the on-site work force to allow the City of Portland to determine if the goals set forth in this plan is being met. These documents will be submitted to the Owner on a monthly basis.
12. HP Civil Inc. will submit proof of registration as a Training Agent with BOLI as well as our subcontractor's registration as a Training Agent.
13. HP Civil Inc. will submit a Monthly Employment Report including all hours subject to BOLI rates in addition to supervisors, foreman, and superintendents prior to the 5<sup>th</sup> every month.

### **Community Outreach**

1. HP Civil Inc. will work with the Association of General Contractors to schedule jobsite visits for teachers and students to increase awareness of the job and training opportunities in the construction trades.
2. HP Civil Inc. will keep all applications from qualified women and minorities for the duration of the project, and notify them when an opening occurs.
3. HP Civil Inc. will maintain a harassment-free workplace by means outlined in our Company Employee Handbook.

### **Subcontracting**

1. HP Civil Inc. performed outreach to DMWESB firms during the GMP pricing. Our outreach efforts yielded



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## Compliance

1. HP Civil Inc. will maintain documentation of compliance throughout the term of the contract.
2. Firms certified as both MBE and WBE shall be tracked as both but reported once towards Community Workforce goals.
3. Workers who identify as both minority and female will be tracked as such but only reported once towards the Community Workforce goals.
4. HP Civil Inc. will submit completed documentation as outlined below:
  - a. Solicitation packages.
  - b. Solicitation results.
  - c. Inquiries of DMWESB interest in bidding, bid amounts, and contract awards as requested.
  - d. Apprenticeship results by the 5<sup>th</sup> of each month.
  - e. Workforce diversity results by the 5<sup>th</sup> of each month.
  - f. Electronic spreadsheets of all awards, material expenditures and supplier purchases that include disaggregated racial ethnic and gender data as appropriate.
  - g. Form 1 and 2 from Exhibit E.