			T		1			
		ltem	Qty.	Unit		Unit Cost		Subtotal
1. Te	mpo	rary Facilities (A portion of these costs have been integrated into Salmon Recovery PRISM Metrics)						
	a.	Temporary construction fencing	84	LF	\$	15.22	\$	1,278
	b.	Temporary tree protection fencing	784	LF	\$	15.22	\$	11,929
	c.	Temporary erosion and sediment control	1	LS	\$	109,553.53	-	109,554
	d.	Temporary Diversion and Control of Water	1	LS	\$	53,255.19	-	53,255
Subt	otal T	Temporary Facilities					\$	176,016
2. De	emoli	ition & Clearing (A portion of these costs have been integrated into Salmon Recovery PRISM Metrics)						
	a.	Remove existing restroom enclosure	1	LS	\$	13,166.20	\$	13,166
	b.	Demo utilities	1	LS	\$	3,043.15	\$	3,043
	c.	Clear and grub site	78,130	SF	\$	0.30	\$	23,776
	d.	Sawcut existing asphalt paving	36	LF	\$	7.61	\$	274
	e.	Strip and stockpile 6" topsoil from all vegetated areas to be cleared and grubbed	1,447	CY	\$	30.43	-	44,030
	f.	Selectively remove invasive, non-native vegetation	13,127	SF	\$	3.04	_	39,947
	g.	Rotomill AC pavement and stockpile  Remove subsurface debris	11,809	SF CY	\$	1.52		17,968 232,801
	n. i	Remove Rock Armoring (3.5-ft depth)	1,700 32	CY	\$	66.95	-	2,152
	j.	Removed Crushed Rock Surfacing	3,352	SF	\$	0.91	-	3,060
	k.	Remove Volleyball Court Surfacing, Stockpile and reuse at lawn	2,027	SF	\$	0.91	-	1,851
	l.	Remove grill	6	EA	\$	255.62	\$	1,534
	m.	Dispose of excess cleared material	1	LS	\$	7,607.88	\$	7,608
	n.	Remove miscellaneous debris	1	LS	\$	7,607.88	\$	7,608
	0.	Remove picnic table	6	EA	\$	255.62	-	1,534
	р.	Remove drinking fountain	1	EA	\$	255.62	_	256
Subt	otal l	Demolition & Clearing					\$	400,609
3. F~	rthw	ork (A portion of these costs have been integrated into Salmon Recovery PRISM Metrics)						
	a.	Upland cut and fill	17,670	CY	\$	13.69	\$	241,983
	b.	Place and compact on-site stockpiled sandy soil	508	CY	\$	13.69	-	6,957
	c.	Haul excess and unsuitable excavated material	15,516	CY	\$	50.21	_	779,081
	d.	Place salvaged on-site topsoil for topsoil type 1 (6-in depth)	767	CY	\$	10.65	-	8,167
	e.	Import and place topsoil type 2 (12-in depth in swale, 6-in depth elsewhere)	606	CY	\$	63.91	\$	38,746
	f.	Import and place salvaged sandy soil at lawn areas (depth varies)	508	CY	\$	10.65	\$	5,411
	g.	Place jute fabric in planting areas with 4:1 or steeper slope	2,032	SY	\$	12.17	-	24,732
	h.	Place coir fabric in tidal emergent marsh areas	2,047	SY	\$	28.91	\$	59,169
	i.	Mulch (3" depth)	235	CY	\$	63.91	_	14,989
	J.	Trenching for utility trench and Excavation for Stormwater Swales  Furnish, place, and compact pipe bedding for utility improvements	519 142	CY	\$	12.17 53.26		6,322 7,588
	L.	Place and compact native backfill for utility improvements	260	CY	\$	13.69	-	7,588 3,561
Subt	otal	Earthwork			,	13.03	\$	1,196,707
					1		· ·	, ,
4. Ra	ilroa	d Bridge (A portion of these costs have been integrated into Salmon Recovery PRISM Metrics)						
	a.	Temporary embankment with quarry spalls	4,900	CY	\$	129.33	\$	633,737
	b.	Temporary embankment capping material (subballast)	240	CY	\$	83.69	-	20,085
	C.	Remove temporary embankment	5,140	CY	\$	68.47	-	351,941
_	d.	Structural excavation	1,970	CY	\$	76.08	-	149,875
	e.	Temporary soil retention system  Euroich and drive steel H pile (HP 14/99)	4,354	SF	\$	760.79	_	3,312,214
-	T.	Furnish and drive steel H-pile (HP 14x89)  Furnish and erect procest abutment cap	4,800	LF	\$	152.16	-	730,357
	g. h.	Furnish and erect precast abutment cap  Furnish and erect precast bent cap	8	EA EA	\$	14,835.37 9,585.93	-	59,341 76,687
1	i.	Furnish and erect precast beam (B20-2110)	8	EA	\$	15,946.12	-	127,569
	j.	Furnish and erect precast beam (B30-2710)	12	EA	\$	20,328.27	-	243,939
	k.	Furnish and erect precast wingwalls	4	EA	\$	2,282.37		9,129
	I.	Demo existing box culvert	1	LS	\$	76,078.84	\$	76,079
	m.	Waterproofing	4,011	SF	\$	38.04	\$	152,564
	n.	Block wall	363	SF	\$	176.50	-	64,087
	Ο.	Track removal/reinstallation (by BNSF)	336	TF	\$	1,521.58		511,250
	p.	Install WSDOT Type 3 chain-link fence	242	LF	\$	68.47	\$	16,570
	q.	Remove chain-link fence	275	LF	\$	22.82		6,277 6 541 701
subt	otal l	Railroad Bridge					\$	6,541,701
5. Ad	ccess	Road Reinforcement (A portion of these costs have been integrated into Salmon Recovery PRISM Metrics)						
	т —	Spiral Nail Reinforcement	8,100	SF	\$	63.91	\$	517,640
		Access Road					\$	517,640
			1					
6. Ut	tilities							
	a.	Utility Locate and Protect	1	LS	\$	6,086.31	_	6,086
	b.	Storm Drainage Improvements  Storm Drainage Improvements	1	LS	\$	83,686.72	-	83,687
	c. d.	Stormwater Bio-filtration Swale  Water Service Line Relocation	1	LS LS	\$	22,823.65 18,258.92	_	22,824 18,259
		Water Service Line Relocation  Utilities	1	LJ	Þ	10,236.92	\$	130,856
2490			l		I		<u> </u>	130,030
7. CI	P Cor	ncrete and Crushed Rock Site Work						
	a.	Install concrete path and concrete pads	1,379	SF	\$	12.17	\$	16,786
	b.	Furnish and place crushed rock surfacing base course for concrete paving (2-inch)	8	CY	\$	63.91	\$	542
	c.	Furnish and place crushed rock for paths and viewpoints (6-inch)	62	CY	\$	53.26		3,301
	d.	Standard sawcutting	1,379	LF	\$	6.09		8,393
-	e.	Install concrete seatwall and sheetpile cap	13	CY	\$	987.50	_	12,728
-	T.	Install 4-ft vinyl sheetpile wall	78 7	LF	\$	214.54		16,734
	g. h.	Install concrete wheel stops in parking area Install concrete mowstrip	350	EA LF	\$	237.37 65.43	-	1,662 22,900
	1	CIP Concrete and Crushed Rock Site Work	330	Li	ب	03.43	\$	83,045
					1			25,2 75
8. As	phal	t Paving and Pavement Markings						
	a.	Install HMA asphalt paving (access road and path)	454	TON	\$	206.93	\$	93,948
	b.	Install HMA asphalt paving at parking lot	85	TON	<del>                                     </del>	206.93	_	17,589
	c.	Install crushed surfacing top course (CSTC) access road	398	TON	<del>                                     </del>	76.08	_	30,279
<del> </del>	d.	Install crushed surfacing top course (CSTC) at parking lot	85	TON		76.08	-	6,467
S,,k	e.	Parking lot striping  Asphalt Paving and Pavement Markings	1	LS	\$	760.79	\$ <b>\$</b>	761 <b>149,045</b>
Jubt	otal I						٠	143,045

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	Item	Qty.	Unit	Unit Cost		Subtotal
	/ood and Stream Materials (A portion of tree clearing costs have been integrated into Salmon Recovery PRISM Metrics)			4.500.44		
	Remove tree, salvage, and cut select pieces as large woody debris (LWD)	40	EA	\$ 1,582.44		63,298
	Place salvaged on-site logs (uncut) with rootwads	19	EA	\$ 489.95	\$	9,309
	Place salvaged on-site stumps with rootwads and/or tree-tops in ravine channel	34	EA	\$ 327.14	\$	11,123
d.	Furnish and place streambed cobble	509	TON	\$ 106.51	\$	54,214
e.	Furnish and place beach sand (above OHWM)	1,671	TON	\$ 68.47	\$ <b>\$</b>	114,415
oubtotal L	arge Wood and Stream Materials				<b>,</b> \$	189,060
	om Enclosure					
	Architecture	1	LS	\$ 178,141.65		178,142
ubtotal i	testroom Enclosure				\$	178,142
1. Pedest	rian Bridge					
a.	Furnish and install pedestrian bridge	1	LS	\$ 185,468.04	\$	185,468
b.	Pedestrian Bridge abutments	1		\$ 76,078.84	\$	76,079
c.	Concrete wing walls	1	LS	\$ 10,651.04	\$	10,651
d.	Decorative concrete pilasters	6	CY	\$ 1,065.10	\$	6,391
e.	Guardrails	40	LF	\$ 380.39	\$	15,216
ubtotal F	Pedestrian Bridge				\$	293,804
2. Board	walk					
a.	Field-built diamond-pier supported boardwalk	44	LF	\$ 950.99	\$	41,843
b.	Boardwalk abutments and plinths	1	LS	\$ 15,215.77	\$	15,216
ubtotal E	oardwalk				\$	57,059
2 Cian F.			I			
a. Site Fu	Irnishings Furnish and install benches	4	EA	\$ 1,506.36	\$	6,025
	Furnish and install ADA picnic tables	2	EA	\$ 1,506.36 \$ 7,197.06		14,394
	Furnish and install picnic tables	3	EA	\$ 7,197.06 \$ 4,412.57		13,238
	Furnish and install footwash	1	EA	\$ 4,412.57 \$ 7,577.45		7,577
e.	Furnish and install drinking fountain	1	EA	\$ 7,577.45		16,022
	Furnish and install landscape boulder	1.6	TON	\$ 169.35		271
g.	Interpretive signage frame installation only	1	LS	\$ 2,738.84		16,000
h.	Misc. park signage	1	LS	\$ 3,043.15	•	3,043
	ite Furnishings			7 5/2 3333	\$	76,571
4. Irrigat	ion (Riparian and lawn landward of RR Bridge)					
a.	Irrigation system installed	1	LS	\$ 130,917.61		130,918
b.	1-1/2" Water Meter	1	LS	\$ 15,215.77		15,216
C.	RPBA Backflow Assembly with PRV	1	LS	\$ 7,607.88		7,608
	Controller	1	LS	\$ 19,019.71		19,020
	Quick Couplers rrigation	1	LS	\$ 2,510.60	\$	2,511 <b>175,272</b>
	·· <del>·g-···</del> ·				_	
	ape Planting and Seeding (A portion of these costs have been integrated into Salmon Recovery PRISM Metrics)					
	Coniferous tree (5 gallon)	115	EA	\$ 66.98		7,703
	Coniferous tree (2 gallon)	20	EA	\$ 50.21		1,004
	Deciduous trees (5 gallon)	30	EA	\$ 82.21		2,466
	Shrub (1 gallon)	549	EA	\$ 15.22		8,358
	Groundcover (1 gallon, 2-ft O.C.)	620	EA	\$ 18.27		11,326
	Emergent plug (10 cubic inch, 2-ft O.C.)	4,884	EA	\$ 8.16		39,832
	Emergent hand-seeding (freshwater wetland)	938	SF	\$ 0.76		713
	Livestake (3' O.C.)	341	EA	\$ 4.56		1,557
i. Subtotal F	Lawn hydroseed	16,763	SF	\$ 0.61	\$ <b>\$</b>	10,202 <b>83,162</b>
ubtotai i					<b>,</b>	03,102
				Subtotal	\$	10,248,688
			1			
	Mobilization (15%) A portion of these costs have been int	egrated into	Salmon Red	overy PRISM Metrics	\$	1,537,303
	mosmation (1976) A portion of these costs have been inter-	egratea into		Construction + Mob.		11,785,992
			Cor	nstruction Supervision	\$	1,430,000
		<u>s</u>	ubtotal Con	struction + Mob. + CS	\$	13,215,992
					_	
				hitecture, Engineering on + Mob. + CS+ AAE		275,000 13,490,992
		Subtott	Constructi	OII - MOD CO - AVAL	-	15,450,552
				NSF O&M Agreement		2,000,000
			Subtotal B	NSF O&M Agreement	\$	15,490,992
			Total F	Project Cost (rounded)	\$	15,500,000
	· 2020 L II					
II costs a	e in 2020 dollars.					
n providir	g opinions of probable construction cost, the Client (Snohomish County Parks and Recreation) understands that the Consultant (Anchor QEA L.L.C.) has	no control o	ver the cost	or availability of labor o	guinment	or materials or
•	g opinions of probable construction cost, the client (shorionish County Parks and Recreation) understands that the Consultant (Anchor QEA E.E.C.) has et condition or the Contractor's method of pricing, and the consultant's opinions of probable construction costs are made on the basis of the Consultan					
	expressed or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of probable construction cost.	2.000101	,		,comit	
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her Non	-Construction Costs Not Included: Bidding					

60% Design Meadowdale Beach Park and Estuary Restoration