BUILDING ENTERPRISE FUND ADVISORY COMMITTEE

March 23, 2022

INTRODUCTIONS

PUBLIC COMMENT

REVIEW AND APPROVAL OF MEETING MINUTES DECEMBER 6, 2021

FINANCIAL UPDATE

LED Lighting Upgrade - \$2,080,968

Benefits of upgrading to LED Lighting fixtures

- Brand new fixtures with a one year correction period including commissioning/light level confirmation by the contractor which in turn would be verified by our design team/RPM D&C
- Fixture capable lighting level reduction or fixture shutdown based on occupancy.
- Fixture and power usage measurement and reporting when combine with lighting panel upgrade.
- Unverifiable yet it is estimated an annual energy cost savings of \$22,004 for the 1st floor (Building & Fire Prevention) at 9¢ per Kwh.
- Supports County mandate to reduce power consumption by 20% by 2023.
- Reduce maintenance cost since all the old fixtures would be replaced with LED which can last from six to twelve years which could also include an extended warranty from the fixture manufacturer above the one year correction period.
- Reduced heat emissions from LED reducing HVAC operating cost, though not verifiable

Real Prop Project Name: Russell Campus, Buildin WRI Date of Latest Revisi Project cost estimates that are older that 1. Project property is in the ownership of the County; however the property variance(s). 2. Unless otherwise noted, project does not require off-site design and/or co 3. Unless otherwise noted, all utilities (water, sewer, electricity, telephone, g	Clark C berty Ma ng & Fire 2773.2 Date of on: 03/3 n six (6) mo requires all lat onstruction. las and cable	ounty Pro inagemen e Preventi / Project Initial Est 81/2022 (au nths from the <u>ASSUM</u> nd use activities) are located with	Number: R imate: 01/ dd funding date of the late IPTIONS which may include in 100 feet of the	1 / 2022 ing Contr P.A0321 21/2021 1 St Floc st revision s	ol System 107 or LED rep shown, are inva ted to: zone chang arefore, no pionee	lacement) Ilid and must be ge, design review(s rring costs are requ	updated.), use permit(s), w ired or estimated.				Page 1 of 2 LED Lighting Up
 The project site is fully developable within County standard conditions an 5. The site does not contain hazardous materials, non-structural soils, calic 	he or other so	il and/or geotech	nical constraints.	-	-		Aponoo.				
The Project does not include any complex, sensitive and/or unusual project.	ect elements,	construction met	hods and/or requir	ements that ar					OCMI 60% CD		
PROJECT ELEMENT				SIZE	AREA or QUANTITY	PROJECTED UNIT COST	UNIT	COST ESTIMATE	REVISED COST	DELTA	
I. Projected Construction Costs: A. Building and/or Site Development							·				1
 Building Construction: Remove and replace existing Lithonia Synergy includes removal and replacement of lighting relay control panels #1-7 with network gateway, enclosures, control stations and power modules including commissioning. Remove and replace all light switches and occupancy sens with new control panels. Reference OCMI rough order of magnitude estimation. 	new upgraded new control s ors throughou te dated 1/19/	d panels, network oftware, installati ut the facility for u /2021.	master panel, on, testing and	1	l.s.	\$474,738	l.s.	\$474,738	\$347,290	\$174,922	
Add funding for LED lighting replacement at entire 1st floor. Reference	e OCMI 60%	CD Estimate		1	l.s.	\$0	l.s.	\$0	\$1,359,943	(\$1,359,943)	
Off-site Construction: Off-site Construction with Signalization				0	lin. ft.	\$0	per lin. ft.	\$0	\$0	\$0	1
Other: Night shift work premium.				10%	%	\$474,738	l.s.	\$47,474	\$0	\$47,474	
I. Projected Construction Costs: B. Specialty and/or Unique Projects	Requiremen	its:									
1. Pioneer/extend Utilities to project site boundaries:			C. Sewer Ser	vice Pioneering	g:		\$0				
A. Electric Service Pioneering:		\$0	D. Gas Servi	e Pioneering:			\$0	\$0	\$0	\$0	
B. Water Service Pioneering:		\$0	E. Telephone	Cable/Fiber S	ervice Pioneering		\$0				
 Computer / Telephone / Alarm System and/or CCTV Cabling ; Termin parcels and buildings (\$15,000 small facility; \$30,000 medium facility; 			untboards: (Cablin	g to the site an	d interior to			\$0	\$0	\$0	
Accessibility Path of Travel upgrades for alterations								\$0	\$0	\$0	
4. Other (Specify)								\$0	\$0	\$0]
					Es	timated Project Co	onstruction Cost	\$522,212	\$1,707,233	(\$1,185,021)	
I. Projected Construction Costs: C. Estimated Out of Urban Area Con	struction Co	ost Differential					0.0000%	\$0	\$0	\$0	
				ADJUS			COST ESTIMATE	\$522,212	\$1,707,233	(\$1,185,021)	
								V 011,111	01,101,200	(01,100,001)	4
II. Professional Service Fees											4
A. Professional Service Fees (A/E Contract): Planning / Design / Sul Assistance / Basic Services of Contract Administration / Work Production Administration / Work Production						ng	12.0000%	\$62,665			
B. Reports / Studies / Owner Expense / Deliverables (A/E Contract)	:	Other:		\$0	Cost Estimator	(3rd Party)	\$3,500				
Reimbursement of Consultant Paid Owner Expenses	\$1,075	Traffic Study		\$0	Certified Sched	luler	\$3,500				
Topographic / Boundary Survey	\$0	Drainage Stud	iy	\$0	CD Bid Plan Se	ets	\$50	\$22,392	\$132,312	(\$31,589)	
Engineering Report (Civil, Structural, MPE)	\$7,500	Geotechnical	Report	\$0	Construction Pl	lan Sets	\$500				
Other - specify (Landscape, Interior Design etc.)	\$0	Subsurface U	tility Engineering	\$0	Design Conting	jency (10%)	\$6,267				
C. Project Management / Construction Management / Construction	Inspection (24			3.0000%	\$15,666	1		
o. Project management / construction management / construction	mapection/	rie-plaining c	osto / Extended (4
				E	stimated Profes	sional Service Fee	es (A/E Contract)	\$100,723	\$132,312	(\$31,589)	1

		Questo statuinto Du	(100	-							
D. Reports / Studies / 3rd Party Consultants (Owner Items):		Constructability Rev requirement for >\$1		\$0	System Furnitu	re Design:	\$0				Page 2 of 2
ACM Testing & Report	\$0	Commissioning		\$500	Other: +\$39k ow	ner allowance	\$0	\$5,500	\$39,000	(\$33,500)	LED Lighting Upgrade
Registered Roofing Consultant (RRC)	\$0	Quality Assuran	ce Agency	\$0	Scheduling/Est	mating	\$5,000				LED Lighting Opgrade
				E	stimated Profes	sional Service Fe	es (Owner Items)	\$5,500	\$39,000	(\$33,500)	
					Total Es	timated Professio	nal Service Fees	\$106,223	\$171,312	(\$65,089)	
II. Professional Service Fees: Estimated Out of Urban Area Cos	t Differential						0.0000%	\$0	\$0	\$0	
				ADJUSTED	PROFESSION	L SERVICE FEES	AND CHARGES	\$106,223	\$171,312	(\$65,089)	
III. Project Construction Contingency (To be used for unforeseer	conditions; Does	not increase Sco	ope of Work)				10.0000%	\$52,221	\$170,723	(\$118,502)	
IV. Permits & Fees (Contractor)								\$1,700	\$1,700	\$0	
V. Real property Management Fee:			C. \$350,001-	\$1,000,000 Est	imated project co	st	\$30,000 Fee				
A. \$00,001-\$50,000 Estimated project cost:		\$2,500 Fee	D. \$1,000,00	1-\$3,000,000 E	stimated project	cost:	\$100,000 Fee	\$30,000	\$30,000	\$0	
B. \$50,001-\$350,000 Estimated project cost:		\$15,000 Fee	E. Over \$3,00	00,000 Estimate	ed project cost:		\$150,000 Fee				
VI. Utility Application and Connection Fees: (Water, Sewer, Neva	a Power meter and	inspection)									
A. Water Application & Connection Fees		\$0	C. Power Ap	pplication & Cor	nnection Fees		\$0	\$0	\$0	\$0	
B. Sewer Application & Connection Fees		\$0	D. Other:				\$0				
VII. Building Fixtures and Hardware		-									
A. Modular Work Station Unit				0	units	\$5,200	per unit	\$0	\$0	\$0	
B. Telephone System Equipment:				0	units	\$325	per unit	\$0	\$0	\$0	
C. Router with Switch and racks: (\$20,000 - up to 24 users; \$75,00	0 - up to 96 users);	(48-port \$10,000	; 24-port \$5,800))				\$0	\$0	\$0	
D. UPS System: (Small - \$ 15,000; Large - \$35,000)								\$0	\$0	\$0	
E. Server (If required - \$31,500)								\$0	\$0	\$0	
F. Registered Cabling Design / Engineering Service				0	Man Hours	\$80	per hour	\$0	\$0	\$0	
G. Wi-Fi System with conduits (One device per 2000 s.f.)				0	ea	\$5,000	per each	\$0	\$0	\$0	
H. General & Specialized Relocation: Packing and Moving (Regular	ime \$54.00/hr)			0	Man Hours	\$54	per hour	\$0	\$0	\$0	
I. Other (Specify)				0	unit (specify)	\$0	per(specify)	\$0	\$0	\$0	
					SUBTOTAL BU	JILDING FIXTURE	S & HARDWARE	\$0	\$0	\$0	
	2	021 / 2022 SUBT	OTAL OF EST	MATED DESIG	SN & CONSTRUC	CTION COSTS MA	NAGED BY RPM	\$712,356	\$2,080,968	(\$1,368,612)	
VIII. FF & E (Free-Standing Furniture & Computers)											
A. Facility: (Free-Standing Furnishings and Computer Equipment)				0	s.f.	\$20	per s.f.	\$0	\$0	\$0	
B. Computer with Printer and Software				0	units	\$4,500	per unit	\$0	\$0	\$0	
C. Alarm System Service (First Year)				0	system	\$13,500	per system	\$0	\$0	\$0	
D. Other (specify)				0	unit	\$0	unit	\$0	\$0	\$0	
IX. Outreach: Departmental Project Notification and Publicity Rec	uirements; Ground	Breaking and P	Project Dedicati	ion				\$ 0	\$0	\$0	
	2021 / 2022 SUB	TOTAL OF ESTI	MATED FREE-	STANDING FU	RNITURE, COMI	PUTERS AND OU	TREACH COSTS	\$0	\$0	\$0	
	2021/202			PROJECT	COSTS FO	R BUDGET	PURPOSES	\$712,356	\$2,080,968	(\$1,368,612)	
	20217202					202021	0020	¢712,000	+=,,	(* .,,*)	
2021 / 2	2022 TOTAL F	REVISED ES	STIMATED	PROJECT	COSTS FO	OR BUDGET	PURPOSES	\$2,080,968			
					ADDITIO			\$1,368,612			
											1

Russell Campus Boiler Replacement - \$1,257,138

- Replacement of boilers at Russell Campus with high efficiency boilers.
- Current boilers reaching end of useful service period.

Boiler Replacement – Cost Estimate

							_								
		Commission Distr	ct "A"					D. Reports / Studies / 3rd Party Consultants (Owner Items):	Constructability Review (NRS requirement for >\$10M) 1-2%	\$0	System Furnitu	re Design:	\$0	
		County Projects -		2				ACM Testing & Report	\$2,500	Commissioning	\$25,000	Other (In Hous	e Design)	\$0	\$40,500
Bee		Management Preli						Registered Roofing Consultant (RRC)	\$0	Quality Assurance Agency	\$9,500	Scheduling/Est	imating	\$3,500	
		pus, Building & Fir									E	stimated Profess	ional Service Fe	ees (Owner Items)	\$40,500
Project Name. Ru		61 / Project Numbe			Replaceme	211L						Total Est	imated Professi	onal Service Fees	\$226,388
		of Initial Estimate:						II. Professional Service Fees: Estimated Out of Urban Area	Cost Different	tial				0.0000%	\$0
		of Latest Revision										DROFESSIONA		S AND CHARGES	\$226.388
	Date		00/00/00									DPROFESSIONA	L SERVICE FEE		
Project cost estimates that are of	der than six (6)	months from the date of the	e latest revisi	on shown, are in	valid and must	be updated.		III. Project Construction Contingency (To be used for unfores	seen condition	ns; Does not increase Scope of	Work)			10.0000%	\$83,250
		ASSUMPTIONS						IV. Permits & Fees (Contractor)							\$15,000
1. Project property is in the ownership of the County; however	the property requi	ires all land use activities which	may include, bu	is not limited to: 2	one change, desig	n review(s), use pe	ermit(s), waiver(s)	V. Real property Management Fee:		C. \$350,00	1-\$1,000,000 E	stimated project c	ost:	\$30,000 Fee	
and variance(s).								A. \$00,001-\$50,000 Estimated project cost:		\$2,500 Fee D. \$1,000,0	001-\$3,000,000	Estimated project	cost:	\$100,000 Fee	\$100,000
 Unless otherwise noted, project does not require off-site de: Unless otherwise noted, all utilities (water, sewer, electricity) 			feet of the proje	ct site: therefore.	no pioneering cost	s are required or es	timated.	B. \$50,001-\$350,000 Estimated project cost:		\$15,000 Fee E. Over \$3	,000,000 Estima	ated project cost:		\$150,000 Fee	
 The project site is fully developable within County standard The site does not contain hazardous materials, non-structure 	conditions and cos	st. The site is not located within	a flood area whi					VI. Utility Application and Connection Fees: (Water, Sewer, N	evada Power n	neter and inspection)					
 The site does not contain nazardous materials, non-structure The Project does not include any complex, sensitive and/or 				nts that are not sp	ecifically itemized	below.		A. Water Application & Connection Fees		\$0 C. Power	Application & C	onnection Fees		\$0	\$0
PROJECT ELEMENT			SIZE	AREA or	PROJECTED	UNIT	COST				Application & C	United Unit 1 663			
I. Projected Construction Costs: A. Building and/or Site Do	evelopment			QUANTITY	UNIT COST	1	ESTIMATE	B. Sewer Application & Connection Fees		\$0 D. Other:				\$0	
1. Projected Construction Costs. A. Dunting and/or one of	everopinent							VII. Building Fixtures and Hardware							
Boiler & Heat Exchanger Replacement: Remove and r								A. Modular Work Station Unit			0	units	\$5,200	per unit	\$0
similar sized (574,000 BTU) high efficiency boilers, (1)								B. Telephone System Equipment:			0	units	\$325	per unit	\$0
 similar size HX, (3) boiler pumps and associated hydro appertunances. Includes for selective removal and rep 			val.	I.s.	\$625,000	per s.f.	\$625,000	C. Router with Switch and racks: (\$20,000 - up to 24 users; \$7	5,000 - up to 9	6 users); (48-port \$10,000; 24-p	ort \$5,800)				\$0
adjustement to housekeeping pads, electrical and data			, city					D. UPS System: (Small - \$ 15,000; Large - \$35,000)			a defendencia de la completación				\$0
								E. Server (If required - \$31,500)							\$0
2.) Land Construction: (Parking, Site Improvements, Land	scaping):		0	acres	\$500,000	acres	\$0	F. Registered Cabling Design / Engineering Service			0	Man Hours	\$80	per hour	\$0
 Off-site Construction: Off-site Construction with Signali 			0	lin. ft.	\$0	per lin. ft.	\$0	G. Wi-Fi System with conduits (One device per 2000 s.f.)			0	ea	\$5,000	per each	\$0
4.) Other: Contractors margins & adjustments (use 30-35% if			30%	%	\$625,000	l.s.	\$187,500	H. General & Specialized Relocation: Packing and Moving (Reg	ular time \$54.0	00/hr)	0	Man Hours	\$54	per hour	\$0
I. Projected Construction Costs: B. Specialty and/or Unic	ue Projects Requ							I. Other (Specify)			0	unit (specify)	\$0	per(specify)	\$0
1.) Pioneer/extend Utilities to project site boundaries:			Service Pioneer	•		\$0	2.0					SUBTOTAL BU	ILDING FIXTUR	ES & HARDWARE	\$0
A. Electric Service Pioneering:			ervice Pioneerin			\$0	\$0			2021 / 2022 SUBTOTAL OF EST	IMATED DESI	GN & CONSTRUC	TION COSTS M	ANAGED BY RPM	\$1,257,138
B. Water Service Pioneering:				Service Pioneerin	<u>v</u>	\$0	10	VIII. FF & E (Free-Standing Furniture & Computers)							
 Computer / Telephone / Alarm System and/or CCTV Cal parcels and buildings (\$15,000 small facility; \$30,000 m 			ards: (Cabling to	the site and interio	or to		\$0					-			1000 - 1100 - 12
3.) Accessibility Path of Travel upgrades for alterations							\$0	A. Facility: (Free-Standing Furnishings and Computer Equipmer	nt)		0	s.f.	\$20	per s.f.	\$0
 Other (Specify): BMS integration and programming. 							\$20,000	B. Computer with Printer and Software			0	units	\$4,500	per unit	\$0
4.7 Outor (Opecity). Divo integration and programming.				Fe	timated Project C	onstruction Cost	\$832,500	C. Alarm System Service (First Year)			0	system	\$13,500	per system	\$0
				Lo	cinated ribject o			D. Other (specify)			0	unit	\$0	unit	\$0
I. Projected Construction Costs: C. Estimated Out of Urb	an Area Constru	ction Cost Differential				0.0000%	\$0	IX. Outreach: Departmental Project Notification and Publicity	Requirements	s; Ground Breaking and Project	Dedication				\$0
			ADJU	STED PROJECT	CONSTRUCTION	COST ESTIMATE	\$832,500								
II. Professional Service Fees									02172022 50	IBTOTAL OF ESTIMATED FREE	-STANDING FU	KNITURE, COMP	OTERS AND OU	STREACH COSTS	\$0
A. Professional Service Fees (A/E Contract): Planning /	Design / Sub Cor		nts / Specification	ns / Bid Preparati	on /	15.0000%	\$124,875		2021 / 2	2022 TOTAL ESTIMATE	D PROJEC	T COSTS FO	OR BUDGET	PURPOSES	\$1,257,138
Bidding Assistance / Basic Services of Contract Adminis	tration / Work Pro					\$4,500									
		Other:	\$0	Cost Estimato	r (3rd Party)	\$4,500									
Bidding Assistance / Basic Services of Contract Adminis		Other: Traffic Study	\$0 \$0	Cost Estimato		\$4,500	606 000								
Bidding Assistance / Basic Services of Contract Adminis B. Reports / Studies / Owner Expense / Deliverables (A	/E Contract):				duler		\$36,038								
Bidding Assistance / Basic Services of Contract Adminis B. Reports / Studies / Owner Expense / Deliverables (A Reimbursement of Consultant Paid Owner Expenses	/E Contract): \$4,500	Traffic Study	\$0	Certified Sche	duler	\$4,500	\$36,038								
Bidding Assistance / Basic Services of Contract Adminis B. Reports / Studies / Owner Expense / Deliverables (A Reimbursement of Consultant Paid Owner Expenses Topographic / Boundary Survey	/E Contract): \$4,500 \$0	Traffic Study Drainage Study	\$0 \$0 \$0	Certified Sche CD Bid Plan S	duler ets Plan Sets	\$4,500 \$50	\$36,038								
Bidding Assistance / Basic Services of Contract Adminis B. Reports / Studies / Owner Expense / Deliverables (A Reimbursement of Consultant Paid Owner Expenses Topographic / Boundary Survey Engineering Report (Civil, Structural, MPE)	/E Contract): \$4,500 \$0 \$9,500 \$0	Traffic Study Drainage Study Geotechnical Report Subsurface Utility Enginee	\$0 \$0 \$0 ing \$0	Certified Sche CD Bid Plan S Construction F	duler ets Plan Sets	\$4,500 \$50 \$500	\$36,038 \$24,975								

Russell Campus Chiller 3 Replacement - \$858,314

- Replacement of 3rd chiller at Russell Campus with high efficiency chiller to be compatible with the other two chillers currently in design for their replacement.
- Current chillers are reaching end of useful service period. There currently a project funded for chiller replacement which did not include the 3rd chiller.

Chiller 3 Replacement – Cost Estimate

Number of the state o		C	ommission Dis	strict "A						D. Reports / Studies / 3rd Party Consultants (Owner Items)):			\$0	System Furnitur	e Desian:	\$0	
Number of the state o												requirement for - growy	12.70		-		ΨŬ	
Real Property Managément Project Name: Russell Campus, Building & Fire Provention - #3 5000000 Base Managément Statute Restance Restancc		Clark C	County Projects	s - 2021						ACM Testing & Report	\$1,200	Commissioning		\$15,000	Other (In House	Design)	\$0	\$28,200
Estimated production flags Estimate Estimate Estimate Estimate Estimate Estimate Estimate Estimate<	Real P					Estimate				Registered Roofing Consultant (RRC)	\$0	Quality Assurance A	gency	\$8,500	Scheduling/Esti	mating	\$3,500	
WRL 2914 / Project Number: RP: A000000 Total Estimate: 02/10/2022 Total Set/Management Total Set/Management Total Set/Management Total Set/Management Total Set/Management Set/		• •			-		r Replacer	ment						Es	timated Profess	ional Service Fe	es (Owner Items)	\$28,200
Date of Initial Estimate: 02/10/2022 Date of Latest Revision: 00/00/0000 L Protestional Bendee Fees: Estimated Dut of Urban Area Cost Differential ADJUSTED PROFESSIONAL SERVICE FEES AND CARRES 0.00000 0.00000 0.00000 0.00000 Project cost estimates that are older than six (6) months from the date of the latest revision shown, are invalid and must be updated. V Project cost estimates (0,00001-51,000,000 Estimated project cost: 20.00000 Estimated project cost: 20.0000 Estimated proje	•	• •	· ·				in Replacer	lient							Total Esti	mated Professio	nal Service Fees	\$148,821
Date of Latest Revision: 00/00/0000 Date of Latest Revision: 00/00/00/0000 Date of Latest Revision: 00/00/0000 Date of Latest Revision: 00/00/00/0000 Date of Latest Revision: 00/00/00/00/00/00/00/00/00/00/00/00/00/			•							II. Professional Service Fees: Estimated Out of Urban Area C	Cost Differential						0.0000%	\$0
Project cost eatimates that wo idder than six (i) months from the date of the latest revision show, are windle and use activities show must be updated. II. Project Construction Contingency (To be used for unforeseen conditions; Does not increases. III. Project Construction Contingency (To be used for unforeseen conditions; Does not increases. III. Project Construction Contingency (To be used for unforeseen conditions; Does not increases. III. Project Construction Contingency (To be used for unforeseen conditions; Does not increases. III. Project Construction Contingency (To be used for unforeseen conditions; Does not increases. III. Project Construction Contingency (To be used for unforeseen conditions; Does not increases. III. Project Construction Contingency (To be used for unforeseen conditions; Does not increases. III. Project Construction Contingency (To be used for unforeseen conditions; Does not increases. III. Project Construction Contingency (To be used for unforeseen conditions; Does not increases. III. Project Construction Contingency (To be used for unforeseen conditions; Does not increases. III. Project Construction Contingency (To be used for unforeseen conditions; Does not increases. III. Project Construction Contingency (To be used for unforeseen conditions; Does not increases. III. Project Construction Contingency (To be used for unforeseen conditions; Does not increases. III. Project Construction Contingency (To be used for unforeseen conditions; Does not increases. III. Project Construction Contingency (To be used for unforeseen conditions; Does not increases. III. Project Construction Contingency (To be used for unforeseen conditions; Does not increases. IIII. Project Construction Cont															PROFESSION			
Project Data status from thank as (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populate). In Project Data status (op monitors from thanks or populat). In Project Data status (op monitors fr		Date Of		011. 00/0	0/0000										PROFESSIONAL	L SERVICE FEES	S AND CHARGES	\$148,821
Lest Lest <th< td=""><td>Project cost estimates that are older</td><td>than six (6) mo</td><td>onths from the date o</td><td>of the latest</td><td>revision s</td><td>shown, are inv</td><td>valid and must b</td><td>be updated.</td><td></td><td>III. Project Construction Contingency (To be used for unfores</td><td>seen conditions;</td><td>Does not increase</td><td>cope of Wo</td><td>ork)</td><td></td><td></td><td>10.0000%</td><td>\$61,772</td></th<>	Project cost estimates that are older	than six (6) mo	onths from the date o	of the latest	revision s	shown, are inv	valid and must b	be updated.		III. Project Construction Contingency (To be used for unfores	seen conditions;	Does not increase	cope of Wo	ork)			10.0000%	\$61,772
and variance(s). 2. Unless otherwise noted, project does not require off-site design and/construction. 3. Unless otherwise noted, all utilities (variance). 5. Too site does not require off-site design and construction expense. 5. Stool - 52.000 Fee 0. Stool - 52.000 Fee			ASSUMPTION	NS						IV. Permits & Fees (Contractor)								\$0
2. Unless otherwise noted, project does not require of "site design and/or construction. \$2:000 r \$3:0000 r \$3:00000 r \$3:0000 r \$3:000 r \$		property requires	all land use activities wh	hich may inclu	ude, but is n	ot limited to: zor	ne change, design	n review(s), use per	rmit(s), waiver(s)								\$30,000 Fee	
3. Unless otherwise noted, al Uillies (uillies work ever, leschick), telephone, gas and cabe) are located within 100 dare of the tropice taits; thind-ever and issue control. \$15,000 Fee E. Over \$3,000,000 Estimated project cost: \$10,000 Fee E. Over \$3,000		and/or construction	ion.													cost:		\$30,000
S. The site does not contain hazardous materials, non-structural sols, caliche or other sol and/or geotechnical constraints. Vertical and the product of the solar does not include any complex, sensitive and/or unusual project elements, construction methods and/or requirements that are not specifically lemized below. A REA or guarding and/or Structural sols, caliche or other sol and/or geotechnical constraints. Vertical and the product of the solar does not include any complex, sensitive and/or unusual project elements, construction methods and/or requirements that are not specifically lemized below. Vertical and the product of the solar does not include any complex, sensitive and/or unusual project elements. Solar definition and connection reas (valuer, sexual reduction reas) Court reduction reas (valuer, sexual reduction reas) Court reduction reas (valuer, sexual reduction reas) Court reduction reas Solar definition reas Sola	3. Unless otherwise noted, all utilities (water, sewer, electricity, telep	phone, gas and o	cable) are located within						timated.	B. \$50,001-\$350,000 Estimated project cost:		\$15,000 Fee E.	Over \$3,000	0,000 Estimat	ed project cost:		\$150,000 Fee	
6. The Project does not include any complex, sensitive and/or unusual project elements, construction methods and/or requirements that are not specifically iterazed betweent 4. Water Application & Connection Fees 5.0 C. Power Application & Connection Fees 5.0 6. The Project does not include any complex, sensitive and/or unusual project elements, construction methods and/or requirements that are not specifically iterazed betweent 5.0 C. Power Application & Connection Fees 5.0 C. Power Application & Connection Fees 5.0 6. Water Application & Connection Fees 5.0 C. Power Application & Connection Fees 5.0 6. Water Application & Connection Fees 5.0 C. Power Application & Connection Fees 5.0 0. Other S.0 S.0 C. Power Application & Connection Fees 5.0 0.0 <td></td> <td></td> <td></td> <td></td> <td></td> <td>quires additiona</td> <td>al design and cons</td> <td>struction expense.</td> <td></td> <td>VI. Utility Application and Connection Fees: (Water, Sewer, Ne</td> <td>evada Power met</td> <td>ter and inspection)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						quires additiona	al design and cons	struction expense.		VI. Utility Application and Connection Fees: (Water, Sewer, Ne	evada Power met	ter and inspection)						
PROJECT ELEMENT SIZE OUANTTY UNIT COST UNIT ESTINATE B. Sever Application & Connection Fees \$0 D. Other: \$0 I. Projected Construction Costs: A Building and/or Site Development 5% % \$430,515 Ls. \$21,526 A. Modular Work Station Unit A. Modular Work Station Unit 0 units \$5,200 per unit \$5,200 \$5,000 \$5,								oelow.		A. Water Application & Connection Fees		\$0 0	. Power App	plication & Co	nnection Fees		\$0	\$0
I Projected Construction Costs: A Building and/or Site Development Site Site supervision, temporary coning, clean up, protect in place existing equipment Site Site supervision, temporary coning and emergency hydronic piping. Includes demolition of (1) existing water coole chiller and associated appurtenances, (stabilation of (1) existing water coole chiller (Variable Speed Driver, VMC2-SoSB0AA), and associated for emergency hydronic piping and appurtenances, stabilation of emergency hydronic piping and appurtenances, installation of emergency hydronic piping an	PROJECT ELEMENT				SIZE			UNIT		B. Sewer Application & Connection Fees		\$0 F	. Other:				\$0	
A section General Requirements: Site supervision, temporary fencing, clean up, protect in place existing equipment etc. 5% % \$430,515 1.s. \$21,526 A Modular Work Station Units A Modular Work Station Units 0 units \$5,200 per unit 2 Chiller Demo & Replacement: Remove and replace (1) ~155 ton chiller only (Chiller #3) to match Chillers #1 & #2, provide temporary cooling and memergency hydronic piping. Includes demolition of (1) existing water & #2, provide temporary cooling and memergency hydronic piping. Includes demolition of (1) existing water bydronic piping and associated duder with Stating project.). I.s. \$430,515 I.s. \$430,515 <td>I. Projected Construction Costs: A. Building and/or Site Devel</td> <td>opment</td> <td></td> <td></td> <td></td> <td>Sector</td> <td>3111 0001</td> <td></td> <td>EUTIMATE.</td> <td></td> <td></td> <td>φυ L</td> <td>. Julion.</td> <td></td> <td></td> <td></td> <td>φU</td> <td></td>	I. Projected Construction Costs: A. Building and/or Site Devel	opment				Sector	3111 0001		EUTIMATE.			φυ L	. Julion.				φU	
1.) etc. 5% % \$430,515 1.5. \$21,526 Marked and accord and acco	General Requirements: Site supervision, temporary fencing	•	ct in place existing equip	oment						-			1	0	unite	\$5 200	per unit	\$0
Chiller Demo & Replacement: Remove and replace (1) ~155 ton chiller only (Chiller #3) to match Chillers #1 & #2, provide temporary cooling and emergency hytronic piping. Includes demolition of (1) existing water cooled chiller and associated dapurtenances, installation of (1) new 165-ton water cooled chiller (Variable Speed Drive; YMC2-S0580AA), and associated hydronic piping and appurtenances, installation of (1) new 165-ton water cooled chiller (Variable Speed Drive; YMC2-S0580AA), and associated hydronic piping and appurtenances, installation of (1) new 165-ton water cooled chiller (Variable Speed Drive; YMC2-S0580AA), and associated hydronic piping and appurtenances, installation of emergency hydronic piping and appurtenances, commissioning and training. Includes escalation consideration for 5-year replacement plan. 1 Ls. \$430,515 I.s. \$430,515 I.s. \$430,515 I.s. F. Registered Cabling Design / Engineering Service 0 Man Hours \$80 per hour Second second Second S		······			5%	%	\$430,515	l.s.	\$21,526					-		1.1.1.1.1		\$0 \$0
& #2, provide temporary cooling and emergency hytronic pipus. Includes demolition of (1) existing water cooled chiller associated appurtenances (summe excluded; being replaced under existing project), installation of (1) new 165-ton water cooled chiller (Variable Speed Drive; YMC2-S0580AA), and associated appurtenances, installation of (1) new 165-ton water cooled chiller and associated appurtenances, installation of emergency hytronic piping and appurtenances, installation of one sequency diptonic piping and appurtenances, commissioning and training. Includes scalation consideration for 5-year replacement plan. 1 Ls. \$430,515 I.s. \$430,515 I.s. \$430,515 I.s. S430,515											5,000 - up to 96 u	isers); (48-port \$10.0	00; 24-port \$		unito	4020	por unit	\$0
2.) installation of (1) new 165-ton water cooled chiller (Variable Speed Drive; YMC2-S0580AA), and associated hydronic piping and appurtenances, installation of emergency hydronic piping and emergency hydronic piping and appurtenances, installati											-,	, (,				\$0
temporary cooling and power and associated power upgrades for new equipment. Test and balance, commissioning and training. Includes escalation consideration for 5-year replacement plan. Fr. Registered Cabling Design / Engineering Service O Man Hours \$80 per hour Service Service<	2.) installation of (1) new 165-ton water cooled chiller (Variable	Speed Drive; YN	MC2-S0580AA), and asso		1	l.s.	\$430,515	l.s.	\$430,515									\$0
organisation organisation<				e.						F. Registered Cabling Design / Engineering Service				0	Man Hours	\$80	per hour	\$0
				-,						G. Wi-Fi System with conduits (One device per 2000 s.f.)				0	ea	\$5,000	per each	\$0
	3.) Off-site Construction: Off-site Construction with Signalization	n			0	lin. ft.	\$0	per lin. ft.	\$0	H. General & Specialized Relocation: Packing and Moving (Regu	ular time \$54.00/ł	nr)		0	Man Hours	\$54	per hour	\$0
4.) Other: Contractors margins & adjustments (use 30-35% if not included in construction line items above) 35% % \$430,515 1.s. \$150,680 1. Other (Specify) 0 unit (specify) \$0 per(specify)	4.) Other: Contractors margins & adjustments (use 30-35% if not in	ncluded in construc	ction line items above)		35%	%	\$430,515	l.s.	\$150,680	I. Other (Specify)				0	unit (specify)	\$0	per(specify)	\$0
L Depleted Construction Costs: D. Const	I. Projected Construction Costs: B. Specialty and/or Unique F	Projects Require	ements:										!					\$0
											20	021 / 2022 SUBTOTA	OF ESTIM	ATED DESIG	N & CONSTRUC	TION COSTS MA	ANAGED BY RPM	\$858,314
A Electric Service Pioneering: \$0 D. Gas Service Pioneering: \$0 \$0 UII. EE & E. (Erce. Standing Europhyse & Computers)									\$0	VIII. FF & E (Free-Standing Furniture & Computers)								
B. Water Service Pioneering: SU E. Telephone/Cable/Fiber Service Pioneering: SU								\$0			t)			0	ef	\$20	per e f	\$0
2.) Computer / releptioner / and its seem and/or Conv adving, reminations / wai in public site and interior to see and see				ntboards: (Cab	bling to the	site and interior	to		\$0		· /			-			P	
2) Assessibility Daty of Target ungrades for absorbing 60 0 units \$4,000 per unit 5			······································						\$0					-				\$0
4) Other (Specify) BMS automation system control integration S15,000 per system s										, , ,					-,		· · · · · · · · · · · · · · · · · · ·	\$0
Estimated Project Construction Cost \$617.721						Eet	imated Project C	onstruction Cost		D. Other (specify)				0	unit	\$0	unit	\$0
IX. Outreach: Departmental Project Notification and Publicity Requirements; Ground Breaking and Project Dedication	L Projected Construction Control C. Estimated Out of the	Area Caratanati	Coot Differential			250				IX. Outreach: Departmental Project Notification and Publicity R	Requirements;	Ground Breaking and	Project De	dication				\$0
	I. Projected Construction Costs: C. Estimated Out of Urban A	vrea Constructio	on Cost Differential		10.000		01107011071011			2	021 / 2022 SUB	TOTAL OF ESTIMAT	D FREE-ST		NITURE, COMP	UTERS AND OU	TREACH COSTS	\$0
ADJUSTED PROJECT CONSTRUCTION COST ESTIMATE \$617,721					ADJUSTE	D PROJECT C	ONSTRUCTION	COSTESTIMATE	\$617,721									
II. Professional Service Fees 2021 / 2022 TOTAL ESTIMATED PROJECT COSTS FOR BUDGET PURPOSES \$850	II. Professional Service Fees										2021 / 202	22 TOTAL EST	MATED	PROJECT	COSTS FO	R BUDGET	PURPOSES	\$858,314
				uments / Spe	cifications /	Bid Preparation		12.0000%	\$74,127									
A Professional Society Society (School and School and S	B. Reports / Studies / Owner Expense / Deliverables (A/E Co	ontract):	Other:		\$ 0	Cost Estimator	(3rd Party)	\$4,500										
A. Professional Service Fees (A/E Contract): Planning / Design / Sub Consultants / Construction Documents / Specifications / Bid Preparation / Bidding Assistance / Basic Services of Contract Administration / Work Product	Reimbursement of Consultant Paid Owner Expenses	\$3,500	Traffic Study		\$0	Certified Sched	uler	\$4,500	007.000									
A. Professional Service Fees (A/E Contract): Planning / Design / Sub Construction Documents / Specifications / Work Product 12.000% \$74,127 Bidding Assistance / Basic Services of Contract Administration / Work Product \$0 Cost Estimator (3rd Party) \$4,500 Reimbursement of Consultant Paid Owner Expenses \$3,500 Traffic Study \$0 Certified Scheduler \$4,500	Topographic / Boundary Survey	\$0	Drainage Study		\$0	CD Bid Plan Se	ts	\$50	\$27,963									
A. Professional Service Fees (A/E Contract): Planning / Design / Sub Construction Documents / Services of Contract Administration / Work Product 12.0000 \$74,127 B. Reports / Studies / Owner Expense / Deliverables (A/E Contract): Other: \$0 Cost Estimator (3rd Party) \$4,500 Reimbursement of Consultant Paid Owner Expenses \$3,500 Traffic Study \$0 Certified Scheduler \$4,500	Engineering Report (Civil, Structural, MPE)	\$7,500	Geotechnical Report		\$0	Construction Pl	an Sets	\$500										
A. Professional Service Fees (A/E Contract): Planning / Design / Sub Construction Documents / Services of Contract. Administration / Work Product 12.0000% \$74,127 B. Reports / Studies / Owner Expense / Deliverables (A/E Contract): Other: \$0 Cost Estimator (3rd Party) \$4,500 Reimbursement of Consultant Paid Owner Expenses \$3,500 Traffic Study \$0 Certified Scheduler \$4,500 Topographic / Boundary Survey \$0 Drainage Study \$0 CD Bid Plan Sets \$50	Other - specify (Landscape, Interior Design etc.)	\$0	Subsurface Utility Engin	ineering	\$0	Design Conting	ency (10%)	\$7,413										
A. Professional Service Fees (A/E Contract): Planning / Design / Sub Construction Documents / Construction Documents / Sub Construction Plan Sets Sub Construction Pl	C. Project Management / Construction Management / Const	truction Inspecti	tion / Pre-planning Cost	ts / Extended	d CA			3.0000%	\$18,532	1								
A Professional Service Fees (A/E Contract): Planning / Design / Sub Construction Documents / Specifications / Bidding Assistance / Basic Services of Contract Administration / Work Product 12.000% \$74,127 B. Reports / Studies / Owner Expense / Deliverables (A/E Contract): Other: \$0 Cost Estimator (3rd Party) \$4,500 Reimbursement of Consultant Paid Owner Expenses \$3,500 Trafic Study \$0 Certified Scheduler \$4,500 Topographic / Boundary Survey \$0 Drainage Study \$0 Construction Plan Sets \$500 Engineering Report (Civil, Structural, MPE) \$7,500 Geotechnical Report \$0 Construction Plan Sets \$500 Other - specify (Landscape, Interior Design etc.) \$0 Subsurface Utility Engineering \$0 Design Contingency (10%) \$7,413																		
A Professional Service Fees (A/E Contract): Planning / Design / Sub Construction Documents / Specifications / Budding Assistance / Basic Services of Contract Administration / Work Produttices 12.0000% \$74,127 B. Reports / Studies / Owner Expense / Deliverables (A/E Contract): Other: \$0 Cost Estimator (3rd Party) \$4,500 Reimbursement of Consultant Paid Owner Expenses \$3,500 Traffic Study \$0 Cost Edited Scheduler \$4,500 Topographic / Boundary Survey \$0 Drainage Study \$0 Cost Edited Plan Sets \$500 Engineering Report (Civil, Structural, MPE) \$7,500 Geotechnical Report \$0 Construction Plan Sets \$500 Other - specify (Landscape, Interior Design etc.) \$0 Subsurface Utility Engineering \$0 Design Contingency (10%) \$7,413					Est	imated Profess	ional Service Fee	es (A/E Contract)	\$120,621									

Covered Parking (non-solar), Phase I - \$1,311,310 Phase II - 2,079,012 <u>Phase III - 1,606,722</u> Total: \$4,997,044

- Install shade structures to provide covered parking within the secured employee parking area.
- This is similar to a previous request, however, the solar panel component was deleted from the scope. The solar panel version costs were
 - Phase I \$3,085,489
 - Phase II \$4,879,548
 - <u>Phase III \$3,736,722</u>
 Total \$11,701,759
- Cover parking help to reduce heat island impacts and light pollution, all in alignment with the County's sustainability initiative.

Covered Parking Phase 1

Commission District "A" Clark County Projects - 2021 / 2022 Real Property Management Preliminary Cost Estimate Project Name: Russell Campus, Building & Fire Prevention - Covered Parking Phase 1 WRL 2913-A / Project Number: RP.A000000 Date of Initial Estimate: 02/09/2022 Date of Latest Revision: 00/00/000

Project cost estimates that are older than six (6) months from the date of the latest revision shown, are invalid and must be updated.

ASSUMPTIONS

1. Project property is in the ownership of the County; however the property requires all land use activities which may include, but is not limited to: zone change, design review(s), use permit(s), waiver(s) and variance(s).

. Unless otherwise noted, project does not require off-site design and/or construction.

Unless otherwise noted, all utilities (water, sewer, electricity, telephone, gas and cable) are located within 100 feet of the project site; therefore, no pioneering costs are required or estimated.
 The project site is fully developable within County standard conditions and cost. The site is not located within a flood area which requires additional design and construction expense.
 The site does not contain hazardous materials, non-structural soils, calich or other soil and/or geotechnical constraints.

5. The Project does not include any complex, sensitive and/or unusual project elements, construction methods and/or requirements that are not specifically itemized below.

ROJECT ELEMENT				SIZE	AREA or QUANTITY	PROJECTED UNIT COST	UNIT	COST ESTIMATE						
Projected Construction Costs: A. Building and/or Site Dev	elopment													
Covered Parking Phase I (~30,200sf): Furnish and instal for reflectivity over employee parking spaces. Includes cc lighting, relocation of CCTV cameras and light poles in cc OCMI rough order estimate dated 1/19/2021 with PV sco	oncrete footings, re onflict with new ca	epair work to asph	alt, LED	30200	s.f.	\$23	per s.f.	\$694,600						
2.) Land Construction: (Parking, Site Improvements, Landsc	aping):			0	acres	\$500,000	acres	\$0						
3.) Off-site Construction: Off-site Construction with Signalization	tion			0	lin. ft.	\$0	per lin. ft.	\$0						
 Other: Contractors margins & adjustments (use 30-35% if not 	t included in constru	uction line items ab	ove)	35%	%	\$694,600	l.s.	\$243,110						
Projected Construction Costs: B. Specialty and/or Unique	e Projects Requir	ements:												
1.) Pioneer/extend Utilities to project site boundaries:			C. Sewer Serv	vice Pioneerin	g:		\$0							
A. Electric Service Pioneering:		\$0	D. Gas Servic	e Pioneering:			\$0	\$0						
B. Water Service Pioneering:		\$0	E. Telephone/	Cable/Fiber S	ervice Pioneering	j :	\$0							
Computer / Telephone / Alarm System and/or CCTV Cabling ; Terminations / Wall plugs and/or mountboards: (Cabling to the site and interior to parcels and buildings (\$15,000 small facility; \$30,000 medium facility; \$60,000 large facility) Accessibility Path of Travel upgrades for alterations														
4.) Other (Specify)								\$0						
					Esti	mated Project Co	Instruction Cost	\$937,710						
Projected Construction Costs: C. Estimated Out of Urban	Area Constructi	on Cost Different	tial				0.0000%	\$0						
				ADJUST	ED PROJECT C	ONSTRUCTION C	OST ESTIMATE	\$937,710						
Professional Service Fees														
A. Professional Service Fees (A/E Contract): Planning / D. Bidding Assistance / Basic Services of Contract Administra			on Documents	/ Specification	ns / Bid Preparati	on /	10.0000%	\$93,771						
B. Reports / Studies / Owner Expense / Deliverables (A/E	Contract):	Other:		\$0	Cost Estimator	(3rd Party)	\$3,500							
							\$2,500							
Reimbursement of Consultant Paid Owner Expenses	\$4,500	Traffic Study		\$0	Certified Sched	uler	\$2,500	000 107						
Reimbursement of Consultant Paid Owner Expenses Topographic / Boundary Survey	\$4,500 \$0	Traffic Study Drainage Study		\$0 \$0	CD Bid Plan Se		\$2,500	\$39,427						
			port			ıts		\$39,427						
Topographic / Boundary Survey	\$0	Drainage Study		\$0	CD Bid Plan Se	ets an Sets	\$50	\$39,427						
Topographic / Boundary Survey Engineering Report (Civil, Structural, MPE)	\$0 \$6,500 \$0	Drainage Study Geotechnical Re Subsurface Utilit	y Engineering	\$0 \$5,000 \$7,500	CD Bid Plan Se Construction Pl	ets an Sets	\$50 \$500	\$39,427						

D. Reports / Studies / 3rd Party Consultants (Owner Iter	ms):	Constructability Rev requirement for >\$1		\$0	System Furnitu	re Design:	\$0						
ACM Testing & Report	\$0	Commissioning		\$0	Other (In House	e Design)	\$0	\$15,000					
Registered Roofing Consultant (RRC)	\$0	Quality Assuran	ce Agency	\$10,000	Scheduling/Est	imating	\$5,000						
				Es	timated Profess	ional Service Fee	es (Owner Items)	\$15,000					
					Total Esti	mated Professio	nal Service Fees	\$176,329					
II. Professional Service Fees: Estimated Out of Urban Are	ea Cost Different	ial					0.0000%	\$0					
				ADJUSTED	PROFESSIONA	L SERVICE FEES	AND CHARGES	\$176,329					
I. Project Construction Contingency (To be used for unfo	reseen conditior	ns; Does not increa	ase Scope of V	Nork)			10.0000%	\$93,771					
V. Permits & Fees (Contractor)								\$3,500					
. Real property Management Fee:			C. \$350,001-	\$1,000,000 Es	timated project c	ost:	\$30,000 Fee						
A. \$00,001-\$50,000 Estimated project cost:		\$2,500 Fee	D. \$1,000,00	1-\$3,000,000 E	Estimated project	cost:	\$100,000 Fee	\$100,000					
B. \$50,001-\$350,000 Estimated project cost:		\$15,000 Fee	E. Over \$3,0	00,000 Estimat	ed project cost:		\$150,000 Fee						
/I. Utility Application and Connection Fees: (Water, Sewer	, Nevada Power n	neter and inspectior	1)										
A. Water Application & Connection Fees		\$0	C. Power A	pplication & Co	nnection Fees		\$0	\$0					
B. Sewer Application & Connection Fees		\$0	D. Other:				\$0						
Building Fixtures and Hardware Modular Work Station Unit 0 units \$5,200 per unit \$													
A. Modular Work Station Unit 0 units \$5,200 per unit													
B. Telephone System Equipment:				0	units	\$325	per unit	\$0					
C. Router with Switch and racks: (\$20,000 - up to 24 users;	\$75,000 - up to 9	6 users); (48-port	\$10,000; 24-po	ort \$5,800)				\$0					
D. UPS System: (Small - \$ 15,000; Large - \$35,000)								\$0					
E. Server (If required - \$31,500)								\$0					
F. Registered Cabling Design / Engineering Service				0	Man Hours	\$80	per hour	\$0					
G. Wi-Fi System with conduits (One device per 2000 s.f.)				0	ea	\$5,000	per each	\$0					
H. General & Specialized Relocation: Packing and Moving (F	Regular time \$54.0	00/hr)		0	Man Hours	\$54	per hour	\$0					
I. Other (Specify)				0	unit (specify)	\$0	per(specify)	\$0					
					SUBTOTAL BU	ILDING FIXTURE	S & HARDWARE	\$0					
	:	2021 / 2022 SUBTO	TAL OF ESTIN	MATED DESIG	N & CONSTRUC	TION COSTS MA	NAGED BY RPM	\$1,311,31					
/III. FF & E (Free-Standing Furniture & Computers)													
A. Facility: (Free-Standing Furnishings and Computer Equipr	ment)			0	s.f.	\$20	per s.f.	\$0					
B. Computer with Printer and Software				0	units	\$4,500	per unit	\$0					
C. Alarm System Service (First Year)				0	system	\$13,500	per system	\$0					
D. Other (specify)				0	unit	\$0	unit	\$0					
X. Outreach: Departmental Project Notification and Public	ity Requirements	s; Ground Breaking	g and Project I	Dedication				\$0					
	2021 / 2022 SU	BTOTAL OF ESTIM	ATED FREE-S		RNITURE, COMP	UTERS AND OU	TREACH COSTS	\$0					
	2021 / 20	022 TOTAL ES	STIMATED	PROJECT	COSTS FC	R BUDGET	PURPOSES	\$1,311,3					

Covered Parking Phase 2

\$15,000

\$15,000 \$180,201 \$0 \$180,201 \$163,119 \$4,500

\$100,000

\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0

\$2,079,012

\$0 \$0 \$0 \$0 \$0

\$2,079,012

	C	commission Dist	rict "A"					D. Reports / Studies / 3rd Party Consultants (Owner Items)		Constructability Re requirement for >\$1		\$0	System Furnitu	ire Design:	\$0	L
		County Projects		2				ACM Testing & Report	\$0	Commissioning		\$0	Other (In Hous	•	\$0	1
Real		lanagement Preli			•			Registered Roofing Consultant (RRC)	\$0	Quality Assura		\$10,000	Scheduling/Es	÷ ,	\$5,000	1
Project Name: Russel						ase 2		registered recoming constraint (reco)	φu	Quality Abourta	ioo Ageney				es (Owner Items	H
	WRL 2913	-B / Project Num	ber: RP.A0	00000								Ea				⊢
	Date of	f Initial Estimate	: 02/09/202	2									I otal Est	imated Professio	onal Service Fees	L
	Date o	of Latest Revisio	n: 00/00/00	D				II. Professional Service Fees: Estimated Out of Urban Area O	Cost Differenti	al					0.0000%	L
Project cost estimates that are olde	er than six (6) m	onths from the date of t	he latest revisio	n shown, are i	nvalid and must	be updated.						ADJUSTED	PROFESSIONA	L SERVICE FEE	S AND CHARGES	
		ASSUMPTIONS						III. Project Construction Contingency (To be used for unfores	een condition	s; Does not incre	ase Scope of V	Nork)			10.0000%	L
 Project property is in the ownership of the County; however the waiver(s) and variance(s). 	he property require	es all land use activities whi	ch may include, bu	t is not limited to:	zone change, desig	gn review(s), use	permit(s),	IV. Permits & Fees (Contractor)								
 Unless otherwise noted, project does not require off-site desi Unless otherwise noted, all utilities (water, sewer, electricity, 			100 feet of the proj	act cite: therefore	no pioneering cost	te are required or	estimated	V. Real property Management Fee:			C. \$350,001-	\$1,000,000 Es	timated project c	ost:	\$30,000 Fee	Г
4. The project site is fully developable within County standard or	onditions and cost	t. The site is not located with	nin a flood area wh					A. \$00,001-\$50,000 Estimated project cost:		\$2,500 Fee	D. \$1,000,00	1-\$3,000,000	Estimated project	t cost:	\$100,000 Fee	1
 The site does not contain hazardous materials, non-structura The Project does not include any complex, sensitive and/or u 				ents that are not s	pecifically itemized	below.		B. \$50,001-\$350,000 Estimated project cost:		\$15,000 Fee	E. Over \$3,0	00,000 Estima	ted project cost:		\$150,000 Fee	
PROJECT ELEMENT			SIZE	AREA or QUANTITY	PROJECTED UNIT COST	UNIT	COST	VI. Utility Application and Connection Fees: (Water, Sewer, Net	evada Power m	neter and inspectio	n)					
I. Projected Construction Costs: A. Building and/or Site Dev	velopment							A. Water Application & Connection Fees		\$0	C. Power A	pplication & Co	nnection Fees		\$0	
Covered Parking Phase I (~49,137sf): Furnish and insta								B. Sewer Application & Connection Fees		\$0	D. Other:				\$0	1
 lighting, relocation of CCTV cameras and light poles in c 	conflict with new ca	arport structures. Reference	49137	s.f.	\$24.96	per s.f.	\$1,226,460	VII. Building Fixtures and Hardware								Π
OCMI rough order estimate dated 1/19/2021 with PV sco	ope removed. Esc	calation added for 1-yr @ 4%	6.					A. Modular Work Station Unit				0	units	\$5,200	per unit	Γ
2.) Land Construction: (Parking, Site Improvements, Landso	caping):		0	acres	\$500,000	acres	\$0	B. Telephone System Equipment:				0	units	\$325	per unit	Γ
3.) Off-site Construction: Off-site Construction with Signalization			0	lin. ft.	\$0	per lin. ft.	\$0	C. Router with Switch and racks: (\$20,000 - up to 24 users; \$7	5,000 - up to 96	6 users); (48-port	\$10,000; 24-po	ort \$5,800)				ſ
4.) Other: Contractors margins & adjustments (use 30-35% if no			33%	%	\$1,226,460	l.s.	\$404,732	D. UPS System: (Small - \$ 15,000; Large - \$35,000)								ſ
I. Projected Construction Costs: B. Specialty and/or Unique	ie Projects Requi		Contra Discost				1	E. Server (If required - \$31,500)								Ĺ
1.) Pioneer/extend Utilities to project site boundaries: A. Electric Service Pioneering:			er Service Pioneeri Service Pioneering	•		\$0 \$0	\$0	F. Registered Cabling Design / Engineering Service				0	Man Hours	\$80	per hour	L
B. Water Service Pioneering:			hone/Cable/Fiber		g:	\$0		G. Wi-Fi System with conduits (One device per 2000 s.f.)				0	ea	\$5,000	per each	L
2.) Computer / Telephone / Alarm System and/or CCTV Cabl			boards: (Cabling to	the site and inter	ior to		\$0	H. General & Specialized Relocation: Packing and Moving (Reg	ular time \$54.0	10/hr)		0	Man Hours	\$54	per hour	L
parcels and buildings (\$15,000 small facility; \$30,000 me	edium facility; \$60,	,000 large facility)						I. Other (Specify)				0	unit (specify)	\$0	per(specify)	Г
3.) Accessibility Path of Travel upgrades for alterations							\$0						SUBTOTAL BU	ILDING FIXTUR	ES & HARDWARE	ſ
4.) Other (Specify)							\$0		2	2021 / 2022 SUBT	OTAL OF ESTI	MATED DESIG	N & CONSTRUC	TION COSTS M	ANAGED BY RPN	Γ
I. Projected Construction Costs: C. Estimated Out of Urban	n Area Construct	ion Cost Differential		Est	imated Project Co	0.0000%	\$1,631,191 \$0	VIII. FF & E (Free-Standing Furniture & Computers)								F
					CONSTRUCTION C			A. Facility: (Free-Standing Furnishings and Computer Equipmen	nt)			0	s.f.	\$20	per s.f.	Г
II. Professional Service Fees						COT LOTIMATE	\$1,031,131	B. Computer with Printer and Software				0	units	\$4,500	per unit	t
A. Professional Service Fees (A/E Contract): Planning / D Bidding Assistance / Basic Services of Contract Administr			ments / Specification	ons / Bid Preparat	ion /	5.0000%	\$81,560	C. Alarm System Service (First Year)				0	system	\$13,500	per system	ſ
Bidding Assistance / Basic Services of Contract Administr B. Reports / Studies / Owner Expense / Deliverables (A/E		Other:	\$0	Cost Estimato	(3rd Partu)	\$3,500		D. Other (specify)				0	unit	\$0	unit	Ĺ
Reimbursement of Consultant Paid Owner Expenses	\$4.500	Traffic Study	\$0 \$0	Certified Sche	· //	\$2,500		IX. Outreach: Departmental Project Notification and Publicity	Requirements	; Ground Breakin	g and Project I	Dedication				
•							\$34,706	20	021 / 2022 SUE	STOTAL OF ESTIN	ATED FREE-S	TANDING FUI	RNITURE, COMP	UTERS AND OU	TREACH COSTS	ſ
Topographic / Boundary Survey	\$0 \$6,500	Drainage Study	\$0	CD Bid Plan S		\$50 \$500										f
Engineering Report (Civil, Structural, MPE)		Geotechnical Report	\$1,500	Construction F			1		2021 / 20	22 TOTAL E	STIMATED	PROJEC	COSTS FO	OR BUDGET	PURPOSES	ſ
Other - specify (Landscape, Interior Design etc.)	\$0	Subsurface Utility Engine	• • • • • • •	Design Contin	gency (10%)	\$8,156										Ľ
C. Project Management / Construction Management / Co	nstruction Inspe	ction / Pre-planning Costs	/ Extended CA			3.0000%	\$48,936									

Covered Parking Phase 3

	(Commission Dist	rict "A"					D. Reports / Studies / 3rd Party Consultants (Owner Item	s):	Constructability Revi requirement for >\$10		\$0	System Furnitu	re Design:	\$0	
		County Projects		22				ACM Testing & Report	\$0	Commissioning		\$0	Other (In Hous	e Design)	\$0	\$15,000
Rea		lanagement Prel						Registered Roofing Consultant (RRC)	\$0	Quality Assurance	e Agency	\$10,000	Scheduling/Est	imating	\$5,000	
Project Name: Russ						ase 3						E	stimated Profess	ional Service Fe	ees (Owner Items)	\$15,000
		-C / Project Num			J								Total Est	imated Professi	onal Service Fees	\$146,399
	Date o	of Initial Estimate	: 02/09/202	22				II. Professional Service Fees: Estimated Out of Urban Area	Cost Different	tial					0.0000%	\$0
	Date	of Latest Revisio	n: 00/00/00	0								ADJUSTE	D PROFESSIONA	L SERVICE FEE	S AND CHARGES	\$146,399
Project cost estimates that are o	lder than six (6) r	months from the date of	the latest revision	on shown, are in	valid and must be	e updated.		III. Project Construction Contingency (To be used for unfore	seen conditio	ns: Does not increas	e Scope of W	(ork)			10.0000%	\$123,352
		ASSUMPTIONS													10.000075	
1. Project property is in the ownership of the County; however	the property require		h may include, but	is not limited to: 7	one change design	review(c) use r	permit(e) waiver(e)	IV. Permits & Fees (Contractor)								\$3,500
and variance(s).			in may include, bu	ris not limited to: 2	one change, design	review(s), use p	permit(s), waiver(s)	V. Real property Management Fee:					stimated project c		\$30,000 Fee	
 Unless otherwise noted, project does not require off-site de Unless otherwise noted, all utilities (water, sewer, electricity 			0 feet of the proje	ct site: therefore i	no pioneering costs :	are required or e	estimated	A. \$00,001-\$50,000 Estimated project cost:					Estimated project	cost:	\$100,000 Fee	\$100,000
4. The project site is fully developable within County standard	conditions and cost	. The site is not located with	n a flood area whi					B. \$50,001-\$350,000 Estimated project cost:				00,000 Estima	ated project cost:		\$150,000 Fee	
 The site does not contain hazardous materials, non-structure The Project does not include any complex, sensitive and/or 				nts that are not sp	ecifically itemized be	elow.		VI. Utility Application and Connection Fees: (Water, Sewer, N	Nevada Power r	neter and inspection)						
PROJECT ELEMENT			SIZE	AREA or QUANTITY	PROJECTED UNIT COST	UNIT	COST	A. Water Application & Connection Fees		\$0	C. Power Ap	pplication & C	onnection Fees		\$0	\$0
I. Projected Construction Costs: A. Building and/or Site D	evelopment							B. Sewer Application & Connection Fees		\$0	D. Other:				\$0	
Covered Parking Phase I (~36,565sf): Furnish and ins			ng					VII. Building Fixtures and Hardware								
for reflectivity over employee parking spaces. Includes 1.) lighting, relocation of CCTV cameras and light poles in			36565	s.f.	\$25.95	per s.f.	\$948,862	A. Modular Work Station Unit				0	units	\$5,200	per unit	\$0
OCMI rough order estimate dated 1/19/2021 with PV s				0.1.	<i>\$23.33</i>	per a.i.	\$340,002	B. Telephone System Equipment:				0	units	\$325	per unit	\$0
@ 4%.								C. Router with Switch and racks: (\$20,000 - up to 24 users; \$	75,000 - up to 9	6 users); (48-port \$	10,000; 24-por	rt \$5,800)				\$0
2.) Land Construction: (Parking, Site Improvements, Land			0	acres	\$500,000	acres	\$0	D. UPS System: (Small - \$ 15,000; Large - \$35,000)								\$0
3.) Off-site Construction: Off-site Construction with Signal			0	lin. ft.	\$0	per lin. ft.	\$0	E. Server (If required - \$31,500)								\$0
4.) Other: Contractors margins & adjustments (use 30-35% if			30%	%	\$948,862	l.s.	\$284,659	F. Registered Cabling Design / Engineering Service				0	Man Hours	\$80	per hour	\$0
I. Projected Construction Costs: B. Specialty and/or Unio	que Projects Requi						1	G. Wi-Fi System with conduits (One device per 2000 s.f.)				0	ea	\$5,000	per each	\$0
1.) Pioneer/extend Utilities to project site boundaries: A. Electric Service Pioneering:			er Service Pioneer Service Pioneerin	•		\$0 \$0	\$0	H. General & Specialized Relocation: Packing and Moving (Re	gular time \$54.0)0/hr)		0	Man Hours	\$54	per hour	\$0
B. Water Service Pioneering:				Service Pioneerin	g:	\$0	-	I. Other (Specify)				0	unit (specify)	\$0	per(specify)	\$0
2.) Computer / Telephone / Alarm System and/or CCTV Cal	bling ; Terminations	/ Wall plugs and/or mount	oards: (Cabling to	the site and interio	er to			-					SUBTOTAL BU	ILDING FIXTUR	ES & HARDWARE	\$0
parcels and buildings (\$15,000 small facility; \$30,000 m	nedium facility; \$60,	000 large facility)					\$0			2021 / 2022 SUBTO	TAL OF ESTIN	MATED DESIG	GN & CONSTRUC	TION COSTS M	ANAGED BY RPM	\$1,606,772
3.) Accessibility Path of Travel upgrades for alterations							\$0	VIII. FF & E (Free-Standing Furniture & Computers)								
4.) Other (Specify)							\$0	A. Facility: (Free-Standing Furnishings and Computer Equipme	ent)			0	s.f.	\$20	per s.f.	\$0
				Es	timated Project Co	nstruction Cos	t \$1,233,520	B. Computer with Printer and Software				0	units	\$4,500	per unit	\$0
I. Projected Construction Costs: C. Estimated Out of Urb	an Area Construct	tion Cost Differential				0.0000%	\$0	C. Alarm System Service (First Year)				0	system	\$13,500	per system	\$0
			ADJU	STED PROJECT (CONSTRUCTION C	OST ESTIMATE	E \$1,233,520	D. Other (specify)				0	unit	\$0	unit	\$0
II. Professional Service Fees								IX. Outreach: Departmental Project Notification and Publicity	Requirements	s: Ground Breaking	and Project D	Dedication				\$0
A. Professional Service Fees (A/E Contract): Planning / Bidding Assistance / Basic Services of Contract Administ			nents / Specificatio	ons / Bid Preparatio	on /	5.0000%	\$61,676			BTOTAL OF ESTIM			IRNITURE, COM	UTERS AND OU	JTREACH COSTS	**
B. Reports / Studies / Owner Expense / Deliverables (A	VE Contract):	Other:	\$0	Cost Estimator	(3rd Party)	\$3,500			2024 / 2				T COSTS F			£4 000 770
Reimbursement of Consultant Paid Owner Expenses	\$4,500	Traffic Study	\$0	Certified Sche	duler	\$2,500	\$32.718		2021/2	022 TOTAL ES		PROJEC	I COSIS FO	JR BUDGEI	PURPUSES	\$1,606,772
Topographic / Boundary Survey	\$0	Drainage Study	\$0	CD Bid Plan S	ets	\$50	\$32,718									
Engineering Report (Civil, Structural, MPE)	\$6,500	Geotechnical Report	\$1,500	Construction F	lan Sets	\$500	1									
Other - specify (Landscape, Interior Design etc.)	\$0	Subsurface Utility Engine	ering \$7,500	Design Contin	gency (10%)	\$6,168										
C. Project Management / Construction Management / C	Construction Inspe	ction / Pre-planning Costs	/ Extended CA			3.0000%	\$37,006									
				Estimated Profes	sional Service Fees	s (A/E Contract) \$131,399	1								
			I	1				-								

Russell Campus Secure Parking Gate Replacements - \$413,451

- Replacement of the gates and operators at 4 locations providing access to the secure parking area.
- RPM Operation note a significant number of work order to repair these gates and operators.

Parking Lot Gate & Controller Replacement – Cost Estimate

	c	Commission	District '	"A"					D. Reports / Studies / 3rd Party Consultants (Owner Items	;):	Constructability Revi requirement for >\$10		\$0	System Furnitu	re Design:	\$0	
	Clark	County Proj	ects - 202	21 / 2022					ACM Testing & Report	\$0	Commissioning		\$0	Other (In House	e Design)	\$0	\$3,500
Real		lanagement			Estimate				Registered Roofing Consultant (RRC)	\$0	Quality Assurance	e Agency	\$0	Scheduling/Est	imating	\$3,500	
Project Name: Russ							mont						E	stimated Profes	sional Service Fe	es (Owner Items)	\$3,500
Project Name. Russ		7 / Project N				te Replace	ment							Total Es	timated Professio	onal Service Fees	\$56,806
		of Initial Esti							II. Professional Service Fees: Estimated Out of Urban Area	Cost Differential						0.0000%	\$0
	Date o	of Latest Rev	vision: 00	/00/0000									ADJUSTED	PROFESSIONA	L SERVICE FEES	AND CHARGES	\$56,806
															COENTIOETEE		
Project cost estimates that are old	der than six (6) n	nonths from the o	date of the late	est revision	shown, are in	valid and must	be updated.		III. Project Construction Contingency (To be used for unfores	seen conditions;	Does not increase					10.0000%	\$29,695
		ASSUM	PTIONS						IV. Real property Management Fee:					imated project co		\$30,000 Fee	600 000
1. Project property is in the ownership of the County; however the	he property requires	all land use activitie	es which may inc	clude, but is not	t limited to: zone	e change, design re	eview(s), use perm	iit(s), waiver(s) and	A. \$00,001-\$50,000 Estimated project cost:					stimated project	cost:	\$100,000 Fee	\$30,000
variance(s). 2. Unless otherwise noted, project does not require off-site desig	on and/or constructi	ion							B. \$50,001-\$350,000 Estimated project cost:		\$15,000 Fee	E. Over \$3,00	00,000 Estimate	ed project cost:		\$150,000 Fee	
3. Unless otherwise noted, all utilities (water, sewer, electricity, te	telephone, gas and	cable) are located w						nated.	V. Utility Application and Connection Fees: (Water, Sewer, Ne	evada Power mete	r and inspection)						
 The project site is fully developable within County standard co The site does not contain hazardous materials, non-structural 					uires additional	design and constr	uction expense.		A. Water Application & Connection Fees		\$0	C. Power Ap	oplication & Cor	nnection Fees		\$0	\$0
6. The Project does not include any complex, sensitive and/or ur	nusual project elem	nents, construction m	nethods and/or re	equirements th		-	ow.		B. Sewer Application & Connection Fees		\$0	D. Other:				\$0	
PROJECT ELEMENT				SIZE	AREA or QUANTITY	PROJECTED UNIT COST	UNIT	COST ESTIMATE	VI. Building Fixtures and Hardware		~					•••	
I. Projected Construction Costs: A. Building and/or Site Dev	velopment						•		A. Modular Work Station Unit				0	units	\$5,200	per unit	\$0
1.) Demo: Remove (4) pair of entry/exit gates and operators	s entirely; protect in	place conduits and o	card access to	1	l.s.	\$6,500	l.s.	\$6,500	B. Telephone System Equipment:				0	units	\$325	per unit	\$0
be re-used with replacement system.	avit gatas complete	with gots operators	uireless	1	1.8.	\$0,000	1.5.	\$6,500	 C. Router with Switch and racks: (\$20,000 - up to 24 users; \$7 	5,000 - up to 96 u	sers); (48-port \$10),000; 24-port \$	5,800)	unito		P	\$0
 Provide and install (4) fabricated electronic sliding entry/e controllers and integration to existing card access system 				4	ea	\$55,000	ea	\$220,000	D. UPS System: (Small - \$ 15,000; Large - \$35,000)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		-,,				\$0
freestanding gate system.			-						E. Server (If required - \$31,500)								\$0
3.) Off-site Construction: Off-site Construction with Signaliza				0	lin. ft.	\$0	per lin. ft.	\$0	F. Registered Cabling Design / Engineering Service				0	Man Hours	\$80	per hour	\$0
4.) Other: Contractors margins & adjustments (use 30-35% if n			ove)	30%	%	\$226,500	l.s.	\$67,950	G. Wi-Fi System with conduits (One device per 2000 s.f.)				0	ea	\$5,000	per each	\$0
I. Projected Construction Costs: B. Specialty and/or Unique	e Projects Require	ements:							H. General & Specialized Relocation: Packing and Moving (Reg	gular time \$54.00/h	ır)		0	Man Hours	\$54	per hour	\$0
1.) Pioneer/extend Utilities to project site boundaries:			C. Sewer Servi	ce Pioneering:			\$0		I. Other (Specify)				0	unit (specify)	\$0	per(specify)	\$0
A. Electric Service Pioneering:			D. Gas Service				\$0	\$0						SUBTOTAL BU	JILDING FIXTURE	S & HARDWARE	\$0
B. Water Service Pioneering:			E. Telephone/C				\$0		-		2021 / 2022 SUBTO	OTAL OF ESTIN	MATED DESIG	N & CONSTRU	CTION COSTS M	ANAGED BY RPM	\$413,451
 Computer / Telephone / Alarm System and/or CCTV Cabling parcels and buildings (\$15,000 small facility; \$30,000 med) 			mountboards: (C	Cabling to the si	ite and interior t	0		\$0	VII. FF & E (Free-Standing Furniture & Computers)								
3.) Accessibility Path of Travel upgrades for alterations								\$0	A. Facility: (Free-Standing Furnishings and Computer Equipment	nt)			0	s.f.	\$20	per s.f.	\$0
4.) Other (Specify)								\$0	B. Computer with Printer and Software				0	units	\$4,500	per unit	\$0
					Es	timated Project C	onstruction Cost	\$294,450	C. Alarm System Service (First Year)				0	system	\$13,500	per system	\$0
I. Projected Construction Costs: C. Estimated Out of Urban	n Area Constructio	on Cost Differential	l i				0.0000%	\$0	D. Other (specify)				0	unit	\$0	unit	\$0
I. Permits & Fees (Contractor)								\$2,500	VIII. Outreach: Departmental Project Notification and Publicit	y Requirements;	Ground Breaking	and Project De	edication	-			\$0
				ADJUST	ED PROJECT (CONSTRUCTION	COST ESTIMATE	\$296,950		2021 / 2022 SU	BTOTAL OF ESTIN	ATED FREE-S	TANDING FU	RNITURE, COM	PUTERS AND OU	TREACH COSTS	\$0
II. Professional Service Fees																	
A. Professional Service Fees (A/E Contract): Planning / D Bidding Assistance / Basic Services of Contract Administra			Documents / Sp	pecifications / E	Bid Preparation	/	12.0000%	\$35,634]	2021 / 202	22 TOTAL ES	TIMATED	PROJECT	COSTS FO	OR BUDGET	PURPOSES	\$413,451
B. Reports / Studies / Owner Expense / Deliverables (A/E	Contract):	Other:		\$0	Cost Estimator	(3rd Party)	\$0										
Reimbursement of Consultant Paid Owner Expenses	\$500	Traffic Study		\$0	Certified Sched	luler	\$0	1									
Topographic / Boundary Survey	\$0	Drainage Study		\$0	CD Bid Plan Se	ets	\$50	\$8,763									
Engineering Report (Civil, Structural, MPE)	\$4,500	Geotechnical Rep	port	\$0	Construction P	lan Sets	\$150										
Other - specify (Landscape, Interior Design etc.)	\$0	Subsurface Utility	Engineering	\$0	Design Conting	ency (10%)	\$3,563										
C. Project Management / Construction Management / Cor	nstruction Inspect	tion / Pre-planning	Costs / Extende	ed CA			3.0000%	\$8,909	1								
				Est	timated Profes	sional Service Fe	es (A/E Contract)	\$53,306									
							, a La contration		4								

Russell Campus Permit Intake Cubicle Reconfiguration - \$224,954

- Reconfigure the cubicle within the Permit Intake are to provide more cubicles to house current and future staff.
- Current cubicle configuration does not provide adequate space for the staff growth that we anticipate may occur with in the next 5 years.

Cubicle Reconfiguration Permit Intake – Cost Estimate

									•			
Commission District	'A''			D. Reports / Studies / 3rd Party Consultants (Owner Iter	ns):	Constructability Review requirement for >\$10M		S 0	System Furnitur	e Design:	\$2,000	
Clark County Projects - 20				ACM Testing & Report	\$1,500	Commissioning		S 0	Other (In House	Design)	\$0	\$8,000
Real Property Management Prelimin				Registered Roofing Consultant (RRC)	\$0	Quality Assurance	Agency	\$0	Scheduling/Estir	mating	\$2,500	
Project Name: Russell Campus; Bldg-Fire - Permit								Es	stimated Professi	ional Service Fe	ees (Owner Items)	\$6,000
WRL 2953 / Project Number: F		econinguration							Total Esti	mated Professi	onal Service Fees	\$20,121
Date of Initial Estimate: 02				II. Professional Service Fees: Estimated Out of Urban Are	a Cost Differentia	1					0.0000%	S 0
Date of Latest Revision: 00	/00/0000								PROFESSIONAL	SERVICE FEE	S AND CHARGES	\$20,121
Project cost estimates that are older than six (6) months from the date of the lat	est revision shown, are inv	valid and must be updated.		III. Project Construction Contingency (To be used for unfo	reseen conditions	; Does not increase	Scope of Wo	ork)			10.0000%	\$6,741
ASSUMPTIONS				IV. Real property Management Fee:			C. \$350,001-\$	1,000,000 Es	timated project co:	st	\$30,000 Fee	
 Project property is in the ownership of the County, however the property requires all land use activities which may 	include, but is not limited to: zo	one change, design review(s), us	e nermit/s) weiver/s)	A. \$00,001-\$50,000 Estimated project cost:					Estimated project o	ost:	\$100,000 Fee	\$15,000
and variance(s).	noide, baris nor innied to. 20	one onange, design review(s), as		B. 300,001-3000,000 Estimated project cost.		\$15,000 Fee E	E. Over \$3,000	0,000 Estimat	ted project cost:		\$150,000 Fee	
 Unless otherwise noted, project does not require off-site design and/or construction. Unless otherwise noted, all utilities (water, sewer, electricity, telephone, gas and cable) are located within 100 feet 	of the project site: therefore, n	o pioneering costs are required o	x estimated.	V. Utility Application and Connection Fees: (Water, Sewer,	Nevada Power me	ter and inspection)						
4. The project site is fully developable within County standard conditions and cost. The site is not located within a flo	d area which requires addition			A. Water Application & Connection Fees		\$ 0	C. Power App	plication & Co	nnection Fees		S 0	\$0
 The site does not contain hazardous materials, non-structural soils, caliche or other soil and/or geotechnical const The Project does not include any complex, sensitive and/or unusual project elements, construction methods and/or 		ecifically itemized below.		B. Sewer Application & Connection Fees		50	D. Other:				50	
PROJECT ELEMENT	SIZE AREA or	PROJECTED UNIT	COST	V. Building Fixtures and Hardware							~	
I. Projected Construction Costs: A. Building and/or Site Development	QUANTITY	UNIT COST UNIT	ESTIMATE	A. Modular Work Station Unit: Assumes all new product				21	units	\$5,200	per unit	\$109,200
Deeper within (45) well stations and all the seatches further is desired a deeper where to Osciety	1	1	1	B. Telephone System Equipment:				0	units	\$325	per unit	50
 Demo existing (15) work stations and all other modular furniture in designated areas; return to County inventory. After hours/weekend priding 	32 hrs	\$98 per hr.	\$3,138	C. Router with Switch and racks: (\$20,000 - up to 24 users;	\$75,000 - up to 96	users); (48-port \$10	0,000; 24-port	\$5,800)	1 1			\$0
2.) Demo millwork, haul away and dispose.	1 I.s.	\$950 I.s.	\$950	D. UPS System: (Small - \$ 15,000; Large - \$35,000)								\$0
3.) Allowance for drywall repair, patching and painting.	1 I.s.	\$2,000 ls.	\$2,000	E. Server (If required - \$31,500)								S 0
Electrical & Low Voltage: Demo power and data from existing work stations to be removed. Provide and 4.) install conduit and cabling needed for power and data to all (21) new modular work stations upon installation	2,200 s.f.	\$25 s.f.	\$55,000	F. Registered Cabling Design / Engineering Service				0	Man Hours	\$80	per hour	\$0
at final location. After hours/weekend pricing	2,200 5.1.	920 S.I.	\$33,000	G. Wi-Fi System with conduits (One device per 2000 s.f.)				0	еа	\$5,000	per each	S O
5.) Other: Contractors margins & adjustments (use 30-35% if not included in construction line items above)	30% %	\$6,086 I.s.	\$1,826	H. General & Specialized Relocation: Packing and Moving (R	egular time \$54.00	/hr)		80	Man Hours	\$81	per hour	\$6,480
I. Projected Construction Costs: B. Specialty and/or Unique Projects Requirements:				I. Other (Specify)				0	unit (specify)	\$0	per(specify)	\$0
1.) Pioneer/extend Utilities to project site boundaries: C. Sewer Serv	ice Pioneering:	S 0							SUBTOTAL BUI	LDING FIXTUR	ES & HARDWARE	\$115,680
A. Electric Service Pioneering: \$0 D. Gas Service	e Pioneering:	S D	\$ 0		2	021 / 2022 SUBT OT	ALOFESTIM	IATED DESIG	N & CONSTRUCT	TION COSTS M	ANAGED BY RPM	\$224,954
B. Water Service Pioneering: \$0 E. Telephone/	Cable/Fiber Service Pioneering	g: SO		VII. FF & E (Free-Standing Furniture & Computers)								
 Computer / Telephone / Alarm System and/or CCTV Cabling ; Terminations / Wall plugs and/or mountboards: parcels and buildings (\$15,000 small facility; \$30,000 medium facility; \$80,000 large facility) 	(Cabling to the site and interior	r to	so	A. Facility: (Free-Standing Furnishings and Computer Equipm	nent)			0	s.f.	\$20	per s.f.	S 0
3.) Accessibility Path of Travel upgrades for alterations			50	B. Computer with Printer and Software				0	units	\$4,500	per unit	S 0
4.) Other (Specify)				C. Alarm System Service (First Year)				0	system	\$13,500	per system	S 0
	Est	imated Project Construction C	ost \$62.912	D. Other (specify)				0	unit	\$ 0	unit	50
I. Projected Construction Costs: C. Estimated Out of Urban Area Construction Cost Differential		0.0000%	50	VIII. Outreach: Departmental Project Notification and Public	city Requirements	; Ground Breaking	and Project D	edication				\$0
I. Permits & Fees (Contractor)			\$4,500		2021 / 2022 SUB	TOTAL OF ESTIMA	TED FREE-ST	ANDING FUI	RNITURE, COMPL	UTERS AND OL	JTREACH COSTS	\$0
	ADJUSTED PROJECT C	CONSTRUCTION COST ESTIMA	TE \$67,412									
II. Professional Service Fees			tor priz		2021 / 20	22 TOTAL ES	TIMATED	PROJECT	T COSTS FO	R BUDGET	PURPOSES	\$224,954
	One official and the state	- /		-								
A. Professional Service Fees (A/E Contract): Planning / Design / Sub Consutants / Construction Documents / Bidding Assistance / Basic Services of Contract Administration / Work Product	Specifications / Bid Preparatio	12.0000%	\$8,089	_								
B. Reports / Studies / Owner Expense / Deliverables (A/E Contract): Other:	\$0 Cost Estimator	(3rd Party) \$0										
Reimbursement of Consultant Paid Owner Expenses \$500 Traffic Study	\$0 Certified Sched	Juler SO										
Topographic/ Boundary Survey 30 Drainage Study	\$0 CD Bid Plan Se	ets \$50	\$4,009									
Engineering Report (Civil, Structural, MPE) \$2,500 Geotechnical Report	\$0 Construction Pl	lan Sets \$150										
Other - specify (Landscape, Interior Design etc.) \$0 Subsurface Utility Engineering	\$0 Design Conting	gency (10%) \$809										
C. Project Management / Construction Management / Construction Inspection / Pre-planning Costs / External	nded CA	3.0000%	\$2,022	_								
	Estimated Profess	sional Service Fees (A/E Contra	act) \$14,121									

Russell Campus Presentation Room – Sound System Upgrade - \$287,823

Scope of Work

• Upgrade the sound system, including the microphones, to provide a more consistent sound level without feedback.

Sound System Upgrade Presentation Room– Cost Estimate

Commission Distr	ct "A"					D. Reports / Studies / 3rd Party Consultants (Owner Items):		ctability Review (NRS nent for >\$10M) 1-2%	\$0	System Furnitur	re Design:	\$0	
Clark County Projects -		2				ACM Testing & Report S		issioning	\$3,500	Other (In House	Design)	\$0	\$6,000
Real Property Management Prelir								Assurance Agency	\$0	Scheduling/Esti	mating	\$2,500	
Project Name: Russell Campus, Building & Fire Prevention				etem line	ura da				E	stimated Profess	ional Service Fe	es (Owner Items)	\$6,000
			n Sound S	ystem upg	Irade							onal Service Fees	\$46,773
WRL 2918 / Project Numbe										Total Esti	mated Professio		
Date of Initial Estimate:						II. Professional Service Fees: Estimated Out of Urban Area Cost Dif	ifferential					0.0000%	\$0
Date of Latest Revision	00/00/000	0							ADJUSTED	PROFESSIONAL	SERVICE FEE	AND CHARGES	\$46,773
Project cost estimates that are older than six (6) months from the date of the	e latest revisio	n shown, are in	valid and must	be updated.		III. Project Construction Contingency (To be used for unforeseen con	onditions; Does	ot increase Scope of	Work)			10.0000%	\$20,550
ASSUMPTIONS						IV. Real property Management Fee:		C. \$350,00	1-\$1,000,000 Es	stimated project co	ist:	\$30,000 Fee	
1. Project property is in the ownership of the County; however the property requires all land use activities which	nav include, but i	s not limited to: zo	one change, design	review(s), use p	ermit(s), waiver(s)	A. \$00,001-\$50,000 Estimated project cost:		00 Fee D. \$1,000,0			cost:	\$100,000 Fee	\$15,000
and variance(s).	· · ·		0, 0			B. \$50,001-\$350,000 Estimated project cost:	\$1	000 Fee E. Over \$3,	,000,000 Estima	ted project cost:		\$150,000 Fee	
 Unless otherwise noted, project does not require off-site design and/or construction. Unless otherwise noted, all utilities (water, sewer, electricity, telephone, gas and cable) are located within 100 	feet of the projec	t site; therefore, n	o pioneering costs	are required or e	stimated.	V. Utility Application and Connection Fees: (Water, Sewer, Nevada Po	ower meter and	spection)					
4. The project site is fully developable within County standard conditions and cost. The site is not located within 5. The site does not contain hazardous materials, non-structural soils, caliche or other soil and/or geotechnical	onstraints.		-).	A. Water Application & Connection Fees		\$0 C. Power	Application & Co	onnection Fees		\$0	\$0
The Project does not include any complex, sensitive and/or unusual project elements, construction methods a	nd/or requiremen		-	elow.		B. Sewer Application & Connection Fees		\$0 D. Other:				\$0	
PROJECT ELEMENT	SIZE	AREA or QUANTITY	PROJECTED UNIT COST	UNIT	COST ESTIMATE	VI. Building Fixtures and Hardware							
I. Projected Construction Costs: A. Building and/or Site Development						A. Modular Work Station Unit			0	units	\$5,200	per unit	\$0
Demo: Remove all existing AV equipment being replaced; leave in place all conduit, cabling and audio						B. Telephone System Equipment:			0	units	\$325	per unit	\$0
 components that can be utilized in the new system. 	1	l.s.	\$2,500	l.s.	\$2,500	C. Router with Switch and racks: (\$20,000 - up to 24 users; \$75,000 - u	up to 96 users);	48-port \$10,000; 24-pc	ort \$5,800)				\$0
 Provide, install and commission new wireless AV sytem at head-end and throughout presentation room utilizing any audio compnents, cabling and conduit from previous system. System should allow for up to 	40) 1	1.	\$155,000	l.s.	\$155,000	D. UPS System: (Small - \$ 15,000; Large - \$35,000)							\$0
2.) utilizing any additic comprisents, cabling and conduct from previous system. System should allow for up to wireless microphones to be connected. Excludes network equipment.	+0) 1	l.s.	\$155,000	I.S.	\$155,000	E. Server (If required - \$31,500)							\$0
3.) Off-site Construction: Off-site Construction with Signalization	0	lin. ft.	\$0	per lin. ft.	\$0	F. Registered Cabling Design / Engineering Service			0	Man Hours	\$80	per hour	\$0
4.) Other: Contractors margins & adjustments (use 30-35% if not included in construction line items above)	30%	%	\$157,500	I.s.	\$47,250	G. Wi-Fi System with conduits (One device per 2000 s.f.)			0	ea	\$5,000	per each	\$0
I. Projected Construction Costs: B. Specialty and/or Unique Projects Requirements:						H. General & Specialized Relocation: Packing and Moving (Regular time	e \$54.00/hr)		0	Man Hours	\$54	per hour	\$0
1.) Pioneer/extend Utilities to project site boundaries: C. Sewer	Service Pioneeri	ng:		\$0		I. Other (Specify)			0	unit (specify)	\$0	per(specify)	\$0
A. Electric Service Pioneering: \$0 D. Gas S	rvice Pioneering	:		\$0	\$0					SUBTOTAL BUI	LDING FIXTURE	S & HARDWARE	\$0
B. Water Service Pioneering: \$0 E. Teleph	one/Cable/Fiber	Service Pioneerin	g:	\$0			2021 / 20	2 SUBTOTAL OF EST	IMATED DESIG	N & CONSTRUC	TION COSTS M/	NAGED BY RPM	\$287,823
 Computer / Telephone / Alarm System and/or CCTV Cabling ; Terminations / Wall plugs and/or mountbo parcels and buildings (\$15,000 small facility; \$30,000 medium facility; \$60,000 large facility) 	rds: (Cabling to t	he site and interio	or to		\$0	VII. FF & E (Free-Standing Furniture & Computers)							
3.) Accessibility Path of Travel upgrades for alterations					\$0	A. Facility: (Free-Standing Furnishings and Computer Equipment)			0	s.f.	\$20	per s.f.	\$0
4.) Other (Specify)					\$0	B. Computer with Printer and Software			0	units	\$4,500	per unit	\$0
		Es	timated Project C	onstruction Cos	t \$204,750	C. Alarm System Service (First Year)			0	system	\$13,500	per system	\$0
I. Projected Construction Costs: C. Estimated Out of Urban Area Construction Cost Differential				0.0000%	\$0	D. Other (specify)			0	unit	\$0	unit	\$0
I. Permits & Fees (Contractor)				0.000070	\$750	VIII. Outreach: Departmental Project Notification and Publicity Requir	irements; Grou	I Breaking and Projec	t Dedication				\$0
	ADJUS			COST ESTIMATE	\$205,500	2021 / 202	22 SUBTOTAL	F ESTIMATED FREE-	STANDING FU	RNITURE, COMPI	UTERS AND OU	TREACH COSTS	\$0
II. Professional Service Fees							24 / 2022 7	TAL ESTIMATE		T COSTS FO		PUPPOSES	\$297,922
A. Professional Service Fees (A/E Contract): Planning / Design / Sub Consultants / Construction Docume Bidding Assistance / Basic Services of Contract Administration / Work Product	nts / Specification	ns / Bid Preparatio	on /	15.0000%	\$30,825	20/	21/20221	TAL ESTIMATE	D PROJEC	100313 FC	IN BUDGET	FURPUSES	\$287,823
B. Reports / Studies / Owner Expense / Deliverables (A/E Contract): Other:	\$0	Cost Estimator	r (3rd Party)	\$0		1							
Reimbursement of Consultant Paid Owner Expenses \$500 Traffic Study	\$0	Certified Sche	duler	\$0									
Topographic / Boundary Survey \$0 Drainage Study	\$0	CD Bid Plan S	ets	\$50	\$3,783								
Engineering Report (Civil, Structural, MPE) \$0 Geotechnical Report	\$0	Construction P	lan Sets	\$150	1								
Other - specify (Landscape, Interior Design etc.) \$0 Subsurface Utility Engineer	ng \$0	Design Conting	gency (10%)	\$3,083									
C. Project Management / Construction Management / Construction Inspection / Pre-planning Costs / I	xtended CA			3.0000%	\$6,165	1							
	F	stimated Profes	sional Service Fee	es (A/E Contract	\$40,773								
						•							

Russell Campus Room 1116 A/V Upgrade- \$133,458

- Replace the existing A/V system with a 100" smart board, video camera and audio system.
- Currently the department is set-up to hold either video conference meetings or in person meetings, though hybrid meetings (in-person and video) are difficult. This upgrade will help the Department stay current with the needs of our customers as it relates to meeting format.

Room 1116 Audio/Visual Upgrade – Cost Estimate

	Commission District	"A"					D. Reports / Studies / 3rd Party Consultants (Owner Items	s):	Constructability Review (NRS requirement for >\$10M) 1-2%	\$0	System Furnitu	re Design:	\$0	
	Clark County Projects - 20	21 / 2022	2				ACM Testing & Report	\$0	Commissioning	\$0	Other (In Hous	e Design)	\$0	\$1,500
	Property Management Prelimin						Registered Roofing Consultant (RRC)	\$0	Quality Assurance Agency	\$0	Scheduling/Est	imating	\$1,500	1
Project Na	me: Russell Campus_Bldg-Fire			rades						E	Estimated Profes	sional Service Fe	es (Owner Items)	\$1,500
	WRL 2858 / Project Number: Date of Initial Estimate: 1										Total Es	imated Professio	onal Service Fees	\$16,213
	Date of Latest Revision: 0						II. Professional Service Fees: Estimated Out of Urban Area	Cost Differential					0.0000%	\$0
Project cost estimates that are old	er than six (6) months from the date of the la	test revision	n shown are ir	valid and must	be undated					ADJUSTE	D PROFESSION		AND CHARGES	\$16,213
	ASSUMPTIONS				be apaated.		III. Project Construction Contingency (To be used for unfore	eseen conditions;	; Does not increase Scope o	Work)			10.0000%	\$9,295
 Project property is in the ownership of the County; however th and variance(s). 	he property requires all land use activities which may	include, but is	not limited to: zo	ne change, design	review(s), use per	mit(s), waiver(s)	IV. Permits & Fees (Contractor)							\$0
 Unless otherwise noted, project does not require off-site desig Unless otherwise noted, all utilities (water, sewer, electricity, 		of the project	aite: therefore, n	piopooring costs	are required or est	imated	V. Real property Management Fee:		C. \$350,0	01-\$1,000,000 E	stimated project c	ost:	\$30,000 Fee	
4. The project site is fully developable within County standard or	onditions and cost. The site is not located within a flo	od area which				inateu.	A. \$00,001-\$50,000 Estimated project cost:		\$2,500 Fee D. \$1,000	,001-\$3,000,000	Estimated project	cost:	\$100,000 Fee	\$15,000
 The site does not contain hazardous materials, non-structural The Project does not include any complex, sensitive and/or u 			that are not spec	fically itemized be	How.		B. \$50,001-\$350,000 Estimated project cost:		\$15,000 Fee E. Over \$	3,000,000 Estima	ted project cost:		\$150,000 Fee	[
PROJECT ELEMENT		SIZE	AREA or QUANTITY	PROJECTED UNIT COST	UNIT	COST ESTIMATE	VI. Utility Application and Connection Fees: (Water, Sewer, N	Nevada Power met	ter and inspection)					
I. Projected Construction Costs: A. Building and/or Site Dev	velopment						A. Water Application & Connection Fees		\$0 C. Powe	r Application & C	onnection Fees		\$0	\$0
1.) Demo exisitng power to projector screen, existing project	tor screen, existing projector and white board.	1	l.s.	\$2,500	l.s.	\$2,500	B. Sewer Application & Connection Fees		\$0 D. Othe	:			\$0	
2.) Install backing for mounting 100" monitor. Repair, patch	drywall and paint the entire wall to match existing	1	l.s.	\$4,500	l.s.	\$4,500	VII. Building Fixtures and Hardware							
, , , , , , , , , , , , , , , , , , , ,	· · ·		1.8.	94,000	1.0.	\$4,000	A. Modular Work Station Unit			0	units	\$5,200	per unit	\$0
 Move power, data and AV connections down existing wa boxes and cabling required to support microphone(s), sp 		1	l.s.	\$2,500	l.s.	\$2,500	B. Telephone System Equipment:			0	units	\$325	per unit	\$0
point.	-						C. Router with Switch and racks: (\$20,000 - up to 24 users; \$7	75,000 - up to 96 u	isers); (48-port \$10,000; 24-p	ort \$5,800)				\$0
 Provide and install 100" smart multi-input touch screen m angle lense camera, touch control panel and associated 		1	l.s.	\$62,000	l.s.	\$62,000	D. UPS System: (Small - \$ 15,000; Large - \$35,000)							\$0
Existing PC to be untilized with new components							E. Server (If required - \$31,500)							\$0
5.) Other: Contractors margins & adjustments (use 30-35%	if not included in construction line items above)	30%	l.s.	\$71,500	l.s.	\$21,450	F. Registered Cabling Design / Engineering Service G. Wi-Fi System with conduits (One device per 2000 s.f.)			0	Man Hours ea	\$80 \$5,000	per hour per each	\$0 \$0
I. Projected Construction Costs: B. Specialty and/or Uniqu	e Projects Requirements:						H. General & Specialized Relocation: Packing and Moving (Res	gular time \$54.00/	hr)	0	Man Hours	\$54	per hour	\$0
1.) Pioneer/extend Utilities to project site boundaries:	C. Sewer Ser	vice Pioneerin	ig:		\$0		I. Other (Specify)	-		0	unit (specify)	\$0	per(specify)	\$0
A. Electric Service Pioneering:	\$0 D. Gas Service				\$0	\$0							S & HARDWARE	\$0
B. Water Service Pioneering: 2.) Computer / Telephone / Alarm System and/or CCTV Cabl			Service Pioneering		\$0				2021 / 2022 SUBTOTAL OF E					
parcels and buildings (\$15,000 small facility; \$30,000 me		(Cabing to the	e site and interior	10		\$0	VIII. FF & E (Free-Standing Furniture & Computers)			STIMATED DESI				\$155,450
3.) Accessibility Path of Travel upgrades for alterations						\$0								
4.) Other (Specify)						\$0	A. Facility: (Free-Standing Furnishings and Computer Equipme	ent)		0	s.f.	\$20	per s.f.	\$0
I. Projected Construction Costs: C. Estimated Out of Urba	n Anna Oamatavatian Oant Differential		Es	timated Project C	0.0000%	\$92,950 \$0	B. Computer with Printer and Software			0	units	\$4,500	per unit	\$0
1. Projected Construction Costs: C. Estimated Out of Orba	n Area Construction Cost Differential			CONSTRUCTION		\$92,950	C. Alarm System Service (First Year) D. Other (specify)			0	system	\$13,500 \$0	per system	\$0 \$0
II. Professional Service Fees		ADJUS	STED PROJECT	CONSTRUCTION	COSTESTIMATE	\$52,550		Demiliermenter	Crowned Breaking and Brains	Dedication	unit	\$0	unit	\$0 \$0
A. Professional Service Fees (A/E Contract): Planning / D		Specifications	/ Bid Preparation	1	10.0000%	\$9,295	IX. Outreach: Departmental Project Notification and Publicity							
Bidding Assistance / Basic Services of Contract Administr			0	(0-1 D-1)		\$0,200		2021 / 2022 SU	BTOTAL OF ESTIMATED FR	E-STANDING FU	JRNITURE, COM	PUTERS AND OU	TREACH COSTS	\$0
B. Reports / Studies / Owner Expense / Deliverables (A/E		\$0	Cost Estimator	. ,	\$0			2021 / 202	22 TOTAL ESTIMATI	D PROJEC	T COSTS FO	R BUDGET	PURPOSES	\$133,458
Reimbursement of Consultant Paid Owner Expenses	\$0 Traffic Study	\$0	Certified Sched		\$0	\$2,630								
Topographic / Boundary Survey	\$0 Drainage Study \$1,500 Geotechnical Report	\$0 \$0	CD Bid Plan Se Construction P		\$50 \$150									
Engineering Report (Civil, Structural, MPE) Other - specify (Landscape, Interior Design etc.)	\$1,500 Geotechnical Report \$0 Subsurface Utility Engineering	\$0	Design Conting		\$150									
C. Project Management / Construction Management / Co			Dealgh Conting	(1070)	3.0000%	\$2,789	1							
o. Trojoci management / oonstruction management / oo	induction inspection / Fre-plaining Costs / Exter		etimated Profes	sional Service Fe		\$2,789								
			sumated Protes	Sional Service Fe	es (AVE Contract)	\$14,713								

Russell Campus Rms 1116 and 1222 – Floor Video Ports - \$147,976

Scope of Work

 Install Conduits and conductor to connect data ports in conference room tables to the A/V connection in Rooms 1116 and 1222 at the Russell Campus.

Room 1116 & 1222 Floor Video Ports – Cost Estimate

Commission District "A"								D. Reports / Studies / 3rd Party Consultants (Owner Items)	:	Constructability Review (NRS requirement for >\$10M) 1-2%	\$0	System Furnitur	e Design:	\$0		
Clark County Projects - 2021 / 2022								ACM Testing & Report	\$0	Commissioning	\$0	Other (In House	Design)	\$0	\$1,500	
Real Property Management Preliminary Cost Estimate								Registered Roofing Consultant (RRC)	\$0	Quality Assurance Agend	y \$0	Scheduling/Esti	mating	\$1,500		
Project Name: Russell Carr			-		222 Eloor V	lideo Porte	2	Estimated Professional Service Fees (Owner Items								
Project Name. Russen Gan	WRL 2859 / Proj						•					Total Esti	mated Professio	onal Service Fees	\$17,505	
	Date of Initial							II. Professional Service Fees: Estimated Out of Urban Area O	Cost Differentia	ıl				0.0000%	\$0	
	Date of Lates										ADJUSTED	PROFESSIONAL	SERVICE FEES	AND CHARGES	\$17,505	
	Date of Lates	Revision: 0	0/00/0000	,												
Project cost estimates that are old	ler than six (6) months fro	the date of the la	atest revision	shown, are inv	alid and must b	e updated.		III. Project Construction Contingency (To be used for unfores	een conditions	; Does not increase Scope	of Work)			10.0000%	\$10,361	
								IV. Permits & Fees (Contractor)							\$1,500	
4. Design descent signification and the constraints of the Constraints in the			destude builds		a desta			V. Real property Management Fee:			0,001-\$1,000,000 Es			\$30,000 Fee		
 Project property is in the ownership of the County, however th and variance(s). 	ne property requires all land us	activities which may	include, but is	not limited to: zon	ne change, design	review(s), use pe	rmit(s), waiver(s)	A. \$00,001-\$50,000 Estimated project cost:		\$2,500 Fee D. \$1,0			cost:	\$100,000 Fee	\$15,000	
2. Unless otherwise noted, project does not require off-site design							·	B. \$50,001-\$350,000 Estimated project cost:		\$15,000 Fee E. Ove	r \$3,000,000 Estima	ed project cost:		\$150,000 Fee		
 Unless otherwise noted, all utilities (water, sewer, electricity, t The project site is fully developable within County standard co 	onditions and cost. The site is	ot located within a flo	ood area which				umated.	VI. Utility Application and Connection Fees: (Water, Sewer, Ne	evada Power me	eter and inspection)						
 The site does not contain hazardous materials, non-structural The Project does not include any complex, sensitive and/or u 	I soils, caliche or other soil and	or geotechnical cons	straints.		•			A. Water Application & Connection Fees		\$0 C. Po	wer Application & Co	nnection Fees		\$0	\$0	
	inusual project elements, consi	uction methods and/		AREA or	PROJECTED		COST	B. Sewer Application & Connection Fees		\$0 D. Ot	ier:			\$0		
PROJECT ELEMENT			SIZE	QUANTITY	UNIT COST	UNIT	ESTIMATE	VII. Building Fixtures and Hardware								
I. Projected Construction Costs: A. Building and/or Site Dev	velopment							A. Modular Work Station Unit			0	units	\$5,200	per unit	\$0	
Electrical & Low Voltage: Provide conduit and Data/AV c							B. Telephone System Equipment: 0 units \$325						per unit	\$0		
boxes (3 per table) to existing wall connection point and	AV equipment at each confere	ce room location.						C. Router with Switch and racks: (\$20,000 - up to 24 users; \$75,000 - up to 96 users); (48-port \$10,000; 24-port \$5,800)							\$0	
2.) Allowance for drywall repair, patching and painting			1	l.s.	\$1,200	l.s.	\$1,200	D. UPS System: (Small - \$ 15,000; Large - \$35,000)								
	V Integration: Provide, install and commissioning of AV equipment to allow for laptop integration to control oom audio, video, display and microphone from conference table. **This estimate includes hardware for 2 ea \$25,000 ea				ea	\$50,000	E. Server (if required - \$31,500)							\$0		
both rooms, if WRL2858 is funded for room 1116 added			-		420,000		400,000	F. Registered Cabling Design / Engineering Service G. Wi-Fi System with conduits (One device per 2000 s.f.)			0	Man Hours ea	\$80	per hour per each	\$0 \$0	
4.) Other: Contractors margins & adjustments (use 30-35% if n	4.) Other: Contractors margins & adjustments (use 30-35% if not included in construction line items above) 30% \$79,700				l.s.	\$23,910	H. General & Specialized Relocation: Packing and Moving (Regu	0	ea Man Hours	\$5,000	per each per hour	\$0 \$0				
I. Projected Construction Costs: B. Specialty and/or Unique Projects Requirements:							I. Other (Specify)		,	0	unit (specify)	\$0	per(specify)	\$0		
1.) Pioneer/extend Utilities to project site boundaries:		C. Sewer Ser	rvice Pioneering	g:		\$0		SUBTOTAL BUILDING FIXTURES & HARI							\$0	
A. Electric Service Pioneering:	\$0	D. Gas Servi	ce Pioneering:			\$0	\$0	2021 / 2022 SUBTOTAL OF ESTIMATED DESIGN & CONSTRUCTION COSTS MANAGED BY RPM						\$147,976		
B. Water Service Pioneering:	\$0	E. Telephone	e/Cable/Fiber Se	ervice Pioneering:	:	\$0		VIII. FF & E (Free-Standing Furniture & Computers)								
 Computer / Telephone / Alarm System and/or CCTV Cabi parcels and buildings (\$15,000 small facility; \$30,000 me 			: (Cabling to the	e site and interior	to		\$0	A. Facility: (Free-Standing Furnishings and Computer Equipment	t)		0	s.f.	\$20	per s.f.	\$0	
3.) Accessibility Path of Travel upgrades for alterations							\$0	B. Computer with Printer and Software 0 units \$4,500						per unit	\$0	
4.) Other (Specify)							\$0	C. Alarm System Service (First Year) 0 system \$13,500						per system	\$0	
				Esti	mated Project Co	Instruction Cost	\$103,610	D. Other (specify) 0 unit \$0							\$0	
I. Projected Construction Costs: C. Estimated Out of Urban	n Area Construction Cost Di	erential				0.0000%	\$0	IX. Outreach: Departmental Project Notification and Publicity Requirements; Ground Breaking and Project Dedication								
			ADJUST	ED PROJECT CO	ONSTRUCTION C	OST ESTIMATE	\$103.610	20	021 / 2022 SUB	TOTAL OF ESTIMATED FR	EE-STANDING FUI	NITURE, COMPL	JTERS AND OU	TREACH COSTS	\$0	
II. Professional Service Fees								2021 / 2022 TOTAL ESTIMATED PROJECT COSTS FOR BUDGET PURPOSES \$1								
A. Professional Service Fees (A/E Contract): Planning / D Bidding Assistance / Basic Services of Contract Administra		truction Documents	/ Specifications	/ Bid Preparation	n/	10.0000%	\$10,361		2021720	VEL TOTAL COTIMA		1 3001310		I OILI OSES	\$147,976	
B. Reports / Studies / Owner Expense / Deliverables (A/E	Contract): Other:		\$0	Cost Estimator ((3rd Party)	\$0]								
Reimbursement of Consultant Paid Owner Expenses	\$0 Traffic Stu	dy	\$0													
Topographic / Boundary Survey	\$0 Drainage	itudy	\$0				\$2,536									
Engineering Report (Civil, Structural, MPE)	\$1,500 Geotechn	al Report	\$0													
Other - specify (Landscape, Interior Design etc.)	\$0 Subsurfac	Utility Engineering	\$0	Design Continge	ency (10%)	\$1,036										
C. Project Management / Construction Management / Co	enstruction Inspection / Pre-p	anning Costs / Exte	anded CA			3.0000%	\$3,108	1								
			Es	timated Professi	ional Service Fee	s (A/E Contract)	\$16,005									
								1								

Russell Campus Space Needs Assessment - \$203,555

Scope of Work

 Hire a consultant to conduct space 5 and 10 year space needs assessment for all current and future occupants of the Russell Campus, include Building, Fire Prevention Comprehensive Planning, CCPro\Animal Control, Automotive and Environment & Sustainability.

Space Planning Needs – Cost Estimate

										D. Reports /	
Commission District "A"											
Clark County Projects - 2021 / 2022											
Real Property Management Preliminary Cost Estimate											
	Project Name:	Russell Ca	mpus - 5-Y	'ear & 10-	Year Spa	ace Utiliza	tion Study				
		WRL 291	0 / Project	Number:	RP.A000	000					
			of Initial Est							II. Desfeedance	
			f Latest Re							II. Professiona	
	Project cost estimates that are old	er than six (6) m	onths from the	date of the la	atest revision	n shown, are in	valid and must	be updated.			
	,	(-)		MPTIONS		,,				III. Project Con	
1. Pro	ject property is in the ownership of the County; however the	he property requires			include, but is	not limited to: zo	ne change, design	review(s), use perr	mit(s), waiver(s)	IV. Permits & F	
and va	riance(s).									V. Real propert	
2. Uni 3. Uni	ess otherwise noted, project does not require off-site desi ess otherwise noted, all utilities (water, sewer, electricity,	gn and/or construct telephone, gas and	tion. d cable) are located	d within 100 fee	t of the project	site: therefore, no	pioneering costs	are required or esti	imated.	A. \$00,001-\$	
4. The	project site is fully developable within County standard c	onditions and cost.	The site is not loc	ated within a flo	od area which	requires addition	al design and cons	truction expense.		B. \$50,001-\$3	
	site does not contain hazardous materials, non-structural Project does not include any complex, sensitive and/or u									VI. Utility Appli	
	ECT ELEMENT				SIZE	AREA or	PROJECTED	UNIT	COST	A Water Area	
					SIZE	QUANTITY	UNIT COST	UNIT	ESTIMATE	A. Water App	
. Proj	ected Construction Costs: A. Building and/or Site De	-	D 110 1							B. Sewer Appl	
	5-Year & 10-Year Space Utilization Study: Professional utilization for all Departments. Interview staff and collect									VII. Building Fi	
	space usage and functions for all areas. Collect data on	all Department gro	owth projections ov	/er a 5-year						A. Modular Wo	
	and 10-year period including economic data on future co physical space needed. Create written assessment report									B. Telephone	
1.)	diagrams, conceptual floor plans, conceptual furniture pl	an, recommendatio	ons and a cost ana	0	hrs	\$0	per hr	\$0	C. Router with		
	Assumptions for basis of fee: (7) Departments reviewed, <u>168 hrs</u> ; 24 hrs/department to synthesize and organize in								D. UPS System		
	ups = 70hrs; 240hrs to generate initial draft report and c			E. Server (If re							
	final report. 726 total hours @ \$175/hr = <u>\$127,050 base</u>		F. Registered								
	Land Construction: (Parking, Site Improvements, Landso				0	acres	\$500,000	acres	\$0	G. Wi-Fi Syste	
3.)	Off-site Construction: Off-site Construction with Signalize				0	lin. ft.	\$0	per lin. ft.	\$0	H. General &	
4.)	Other: Contractors margins & adjustments (use 30-35% if r			bove)	0%	%	\$0	l.s.	\$0	I. Other (Spec	
	jected Construction Costs: B. Specialty and/or Uniqu	le Projects Requir	rements:	0.0000	des Dissessio						
1.)	Pioneer/extend Utilities to project site boundaries: A. Electric Service Pioneering:		\$0	-	rvice Pioneering	g:		\$0 \$0	\$0		
	B. Water Service Pioneering:		\$0 \$0			ervice Pioneering	•	\$0	ąu		
	Computer / Telephone / Alarm System and/or CCTV Cabl		/ Wall plugs and/or					\$0	\$0	VIII. FF & E (Fr A. Facility: (Fr	
	parcels and buildings (\$15,000 small facility; \$30,000 me	edium facility; \$60,0	000 large facility)								
	Accessibility Path of Travel upgrades for alterations Other (Specify)								\$0 \$0	B. Computer v	
-4-)	ouror (opeony)					Eet	imated Project C	onstruction Cost	\$0 \$0	C. Alarm Syste	
I. Pro	jected Construction Costs: C. Estimated Out of Urba	n Area Constructi	on Cost Different	ial		ES	inated Project C	0.0000%	\$0	D. Other (spec	
					ADJUS	TED PROJECT	CONSTRUCTION	COST ESTIMATE	\$0	IX. Outreach: D	
II. Pro	fessional Service Fees										
A.	Professional Service Fees (A/E Contract): Planning / D				Specifications	/ Bid Preparation	1	I.s.	\$127,050	1	
	Bidding Assistance / Basic Services of Contract Administr		Economic Cons		\$20,000	Cost Estimator	(And Dent)	\$5,500			
В.	Reports / Studies / Owner Expense / Deliverables (A/E										
	Reimbursement of Consultant Paid Owner Expenses \$250 System Furniture Consultant \$20,000 Certified Scheduler \$2,500										
	Topographic / Boundary Survey	\$0	Drainage Study		\$0	CD Bid Plan Sets \$50			\$61,505		
	Engineering Report (Civil, Structural, MPE)	\$0	Geotechnical Re	eport	\$0	Printed Reports	5	\$500			
	Other - specify (Landscape, Interior Design etc.)	\$0	Subsurface Utili	ity Engineering	\$0	Design Conting	ency (10%)	\$12,705			
C.	Project Management / Construction Management / Co	Instruction Inspec	tion / Pre-plannin	ng Costs / Exte	nded CA			0.000%	\$0	1	
		\$188.555									

D. Reports / Studies / 3rd Party Consultants (Owner Items):			iew (NRS 0M) 1-2%	\$0	\$0 System Furniture Design:					
ACM Testing & Report	ting & Report \$0 C			\$0	Other (In House	Other (In House Design) \$0				
Registered Roofing Consultant (RRC)	\$0	Quality Assuran	ce Agency	\$0	Scheduling/Est	imating	\$0			
				Es	timated Profess	sional Service Fee	s (Owner Items)	\$0		
					Total Est	imated Profession	nal Service Fees	\$188,555		
II. Professional Service Fees: Estimated Out of Urban Area	a Cost Differential						0.0000%	\$0		
				ADJUSTED	PROFESSIONA	L SERVICE FEES	AND CHARGES	\$188,555		
III. Project Construction Contingency (To be used for unfor	eseen conditions;	Does not increas	se Scope of Wo	ork)			10.0000%	\$0		
IV. Permits & Fees (Contractor)								\$0		
V. Real property Management Fee:			C. \$350,001-	\$1,000,000 Est	imated project co	st:	\$30,000 Fee			
A. \$00,001-\$50,000 Estimated project cost:		\$2,500 Fee	D. \$1,000,00	1-\$3,000,000 E	stimated project	cost:	\$100,000 Fee	\$15,000		
B. \$50,001-\$350,000 Estimated project cost:		\$15,000 Fee	E. Over \$3,00	00,000 Estimate	ed project cost:		\$150,000 Fee			
VI. Utility Application and Connection Fees: (Water, Sewer,	Nevada Power mete	and inspection)								
A. Water Application & Connection Fees		\$0	C. Power Ap	oplication & Cor	nnection Fees		\$0	\$0		
B. Sewer Application & Connection Fees		\$0	D. Other:				\$0			
VII. Building Fixtures and Hardware										
A. Modular Work Station Unit 0 units \$5,200 per unit										
B. Telephone System Equipment: 0 units \$325 per unit										
C. Router with Switch and racks: (\$20,000 - up to 24 users; \$75,000 - up to 96 users); (48-port \$10,000; 24-port \$5,800)										
D. UPS System: (Small - \$ 15,000; Large - \$35,000)								\$0		
E. Server (If required - \$31,500)								\$0		
F. Registered Cabling Design / Engineering Service				0	Man Hours	\$80	per hour	\$0		
G. Wi-Fi System with conduits (One device per 2000 s.f.)				0	ea	\$5,000	per each	\$0		
H. General & Specialized Relocation: Packing and Moving (Re	egular time \$54.00/h	r)		0	Man Hours	\$54	per hour	\$0		
I. Other (Specify)				0	unit (specify)	\$0	per(specify)	\$0		
					SUBTOTAL BU	ILDING FIXTURE	S & HARDWARE	\$0		
	2	021 / 2022 SUBT	OTAL OF ESTI	MATED DESIG	N & CONSTRUC	CTION COSTS MA	NAGED BY RPM	\$203,555		
VIII. FF & E (Free-Standing Furniture & Computers)										
A. Facility: (Free-Standing Furnishings and Computer Equipme	ent)			0	s.f.	\$20	per s.f.	\$0		
B. Computer with Printer and Software				0	units	\$4,500	per unit	\$0		
C. Alarm System Service (First Year)	0	system	\$13,500	per system	\$0					
D. Other (specify) 0 unit \$0 unit										
IX. Outreach: Departmental Project Notification and Publicity Requirements; Ground Breaking and Project Dedication										
2021 / 2022 SUBTOTAL OF ESTIMATED FREE-STANDING FURNITURE, COMPUTERS AND OUTREACH COSTS										
2021 / 2022 TOTAL ESTIMATED PROJECT COSTS FOR BUDGET PURPOSES										

Russell Campus Air-Water Balance – \$2,681,858

- Perform a building-wide air and water balance, replacement of the water mixing valves, VAVs and fire dampers, as appropriate.
- Work to occur after completion of the boiler and chiller replacement projects.

Air & Water Balance – Cost Estimate

\$30,000

\$30,000 \$379,458 \$0 \$379,458 \$198,400 \$20,000 \$100,000

> \$0 \$0 \$0 \$0 \$0

\$2,681,858

		D. Reports / Studies / 3rd Party Consultants (Owner Item	s):	Constructability Revie	ew (NRS	\$0	System Furnitu	ure Design:	\$0					
		ACM Testing & Report	\$0	requirement for >\$10 Commissioning	NI) 1-2%	+-	Other (In House	•	\$0					
Clark County Projects - 2021 / 2022 Real Property Management Preliminary Cost Estimate							Registered Roofing Consultant (RRC)	\$0	Quality Assurance	e Agency	\$25,000	Scheduling/Est		\$5.000
Project Name: Russell Ca	, <u> </u>	-							-		E	stimated Profess	sional Service Fe	ees (Owner Items
· · · · · · · · · · · · · · · · · · ·	860 / Project Number:			water Dala	nce							Total Est	timated Professio	ional Service Fee
	e of Initial Estimate: 02						II. Professional Service Fees: Estimated Out of Urban Area	Cost Differentia						0.0000%
	e of Latest Revision: 0						II. Professional dervice rees. Estimated out of orban Alex	r oost Dinerentia	•					
Da	e of Latest Revision: U	5/00/000	U									PROFESSIONA	L SERVICE FEES	ES AND CHARGES
Project cost estimates that are older than six	(6) months from the date of the la	test revisio	n shown, are ii	nvalid and must	t be updated.		III. Project Construction Contingency (To be used for unfor	eseen conditions	; Does not increa	se Scope of W	/ork)			10.0000%
· · ·	ASSUMPTIONS		-				IV. Permits & Fees (Contractor)							
Project property is in the ownership of the County; however the property		vinclude but	is not limited to:	zone change, des		permit(s)	V. Real property Management Fee:			C. \$350,001-\$	\$1,000,000 Es	stimated project c	;ost:	\$30,000 Fee
aiver(s) and variance(s).		y molude, but	is not limited to.	zone change, des	igit teview(s), use	permit(s),	A. \$00,001-\$50,000 Estimated project cost:		\$2,500 Fee	D. \$1,000,001	1-\$3,000,000 F	Estimated project	i cost:	\$100,000 Fee
Unless otherwise noted, project does not require off-site design and/or of Unless otherwise noted, all utilities (water, sewer, electricity, telephone,		et of the proje	ct site: therefore	no pioneering co	ete are required or	estimated	B. \$50,001-\$350,000 Estimated project cost:		\$15,000 Fee	E. Over \$3,00	0,000 Estimat	ted project cost:		\$150,000 Fee
The project site is fully developable within County standard conditions a	d cost. The site is not located within a f	lood area whic					VI. Utility Application and Connection Fees: (Water, Sewer,	Nevada Power me	eter and inspection					
 The site does not contain hazardous materials, non-structural soils, calid The Project does not include any complex, sensitive and/or unusual project 			nts that are not s	pecifically itemize	d below.		A. Water Application & Connection Fees		\$0	C. Power Ap	plication & Co	onnection Fees		\$0
ROJECT ELEMENT		SIZE	AREA or	PROJECTED	UNIT	COST	B. Sewer Application & Connection Fees		\$0	D. Other:				\$0
		ULL	QUANTITY	UNIT COST		ESTIMATE	VII. Building Fixtures and Hardware							
Projected Construction Costs: A. Building and/or Site Development							A. Modular Work Station Unit				0	units	\$5,200	per unit
Russell TAB: Seal ducts, clean hot/chilled water lines, PM VAV box replace dampers and valves, repipe, new insulation, new air flow set							B. Telephone System Equipment:				0	units	\$325	per unit
1.) control valves, new damper control valves, new trap primers, etc. c	mmission system. Final complete	124000	s.f.	\$16	per s.f.	\$1,984,000								
scope is to be determined based on full building assessment and T. Air & Water Phase III project broken down to a cost per sf.	B report. Cost based on current RJC						D. UPS System: (Small - \$ 15,000; Large - \$35,000)							
 Land Construction: (Parking, Site Improvements, Landscaping): 		0	acres	\$500,000	acres	\$0	E. Server (If required - \$31,500)							
2.) Construction: (Parking, Site Improvements, Landscaping): 3.) Off-site Construction: Off-site Construction with Signalization		0	lin, ft.	\$500,000	per lin, ft,	\$0	F. Registered Cabling Design / Engineering Service			0	Man Hours	\$80	per hour	
 Other: Contractors margins & adjustments (use 30-35% if not included in 	construction line items above)	0%	%	\$1,984,000	I.s.	\$0	G. Wi-Fi System with conduits (One device per 2000 s.f.)	(One device per 2000 s.f.)			0	ea	\$5,000	per each
Projected Construction Costs: B. Specialty and/or Unique Projects		070	70	\$1,304,000	1.0.	40	H. General & Specialized Relocation: Packing and Moving (Regular time \$54.00/hr) 0 Man Hours					\$54	per hour	
1.) Pioneer/extend Utilities to project site boundaries:	C. Sewer Ser	vice Dioneerin			\$0		I. Other (Specify)				0	unit (specify)	\$0	per(specify)
A. Electric Service Pioneering:	\$0 D. Gas Servic		•		\$0	\$0						SUBTOTAL BU	ILDING FIXTURE	RES & HARDWAR
B. Water Service Pioneering:	** ·	•	Service Pioneerin	ia:	\$0			20	021 / 2022 SUBTO	TAL OF ESTIM	IATED DESIG	N & CONSTRUC	TION COSTS M/	ANAGED BY RPI
2.) Computer / Telephone / Alarm System and/or CCTV Cabling ; Termin	1. 1			•	ΨŬ		VIII. FF & E (Free-Standing Furniture & Computers)							
parcels and buildings (\$15,000 small facility; \$30,000 medium facilit		. (outling to				\$0	A. Facility: (Free-Standing Furnishings and Computer Equipm	ent)			0	s.f.	\$20	per s.f.
3.) Accessibility Path of Travel upgrades for alterations						\$0	B. Computer with Printer and Software 0 unit					units	\$4,500	per unit
4.) Other (Specify)						\$0						\$13,500	per system	
			Est	timated Project C	onstruction Cost	\$1,984,000						unit	\$13,000	unit
Projected Construction Costs: C. Estimated Out of Urban Area Cor	struction Cost Differential				0.0000%	\$0	D. Other (specify) 0 unit IX. Outreach: Departmental Project Notification and Publicity Requirements; Ground Breaking and Project Dedication					unin	30	
		AD IUS		CONSTRUCTION	COST ESTIMATE	\$1,984,000								
Professional Service Fees						01,001,000		2021 / 2022 SUB	TOTAL OF ESTIM	ATED FREE-ST	TANDING FUR	RNITURE, COMP	UTERS AND OU	UTREACH COSTS
	Oversteine (Oversteintige D	10 mail and		1 1				2021 / 202	22 TOTAL ES	TIMATED	PROJEC	T COSTS FO	OR BUDGET	
A. Professional Service Fees (A/E Contract): Planning / Design / Sub Bidding Assistance / Basic Services of Contract Administration / Wor		/ Specification	ns / Bid Preparat	ion /	12.0000%	\$238,080								
B. Reports / Studies / Owner Expense / Deliverables (A/E Contract)	Other:	\$0	Cost Estimator	r (3rd Party)	\$3,500									
Reimbursement of Consultant Paid Owner Expenses \$8,50	Traffic Study	\$0	Certified Sche	duler	\$5,500									
Topographic / Boundary Survey \$0	Drainage Study	\$0	CD Bid Plan S	ets	\$50	\$51,858								
					\$500									
Engineering Report (Civil, Structural, MPE) \$10.0														
		\$0	Design Contine	gency (10%)	\$23,808									
Engineering Report (Civil, Structural, MPE) \$10,0 Other - specify (Landscape, Interior Design etc.) \$0 C. Project Management / Construction Management / Construction So	Subsurface Utility Engineering	\$0	Design Contin	gency (10%)	\$23,808 3.0000%	\$59,520								

Russell Campus Fire Alarm System Upgrades- \$1,324,698

- Upgrade the fire alarm control panels, detectors and alarm devices to meet the current Code.
- •
- RPM Operations has identified the system as nearing the end of system functional life.

Fire Alarm Replacement – Cost Estimate

			D. Reports / Studies / 3rd Party Consultants (Owner Items	s):	Constructability Review (NRS requirement for >\$10M) 1-2%	\$0	System Furnitu	ire Design:	\$0						
Commission District "A" Clark County Projects - 2021 / 2022							ACM Testing & Report							\$2,500	
	Registered Roofing Consultant (RRC)	Registered Roofing Consultant (RRC) \$0 Quality Assurance Agency \$0 Scheduling/Estimating \$													
Project Name: Russell Camp	Management Prelimi				mont					Es	timated Profess	ional Service Fee	es (Owner Items)	\$2,500	
				пкерасе	ment						Total Esti	imated Professio	nal Service Fees	\$156,458	
	19 / Project Number:						II. Professional Service Fees: Estimated Out of Urban Area	Cost Differentia	al				0.0000%	\$0	
	of Initial Estimate: 0										PROFESSIONA	L SERVICE FEES	AND CHARGES	\$156,458	
Date	of Latest Revision: 0	0/00/000	0												
							III. Project Construction Contingency (To be used for unfore	seen conditions	s; Does not increase Scope of W	/ork)			10.0000%	\$96,720	
Project cost estimates that are older than six (6	b) months from the date of the l	atest revisio	n shown, are ir	nvalid and must	be updated.		IV. Permits & Fees (Contractor)							\$0	
	ASSUMPTIONS						V. Real property Management Fee:		C. \$350,001-	\$1,000,000 Es	timated project c	ost:	\$30,000 Fee		
1. Project property is in the ownership of the County; however the property re-	quires all land use activities which m	ay include, but	is not limited to:	zone change, desi	gn review(s), use p	permit(s),	A. \$00,001-\$50,000 Estimated project cost:		\$2,500 Fee D. \$1,000,00	1-\$3,000,000	Estimated project	t cost:	\$100,000 Fee	\$100,000	
waiver(s) and variance(s). 2. Unless otherwise noted, project does not require off-site design and/or con	struction						B. \$50,001-\$350,000 Estimated project cost:		\$15,000 Fee E. Over \$3,00	0,000 Estima	ted project cost:		\$150,000 Fee		
3. Unless otherwise noted, all utilities (water, sewer, electricity, telephone, ga	s and cable) are located within 100 f						VI. Utility Application and Connection Fees: (Water, Sewer, N	levada Power m	eter and inspection)						
 The project site is fully developable within County standard conditions and The site does not contain hazardous materials, non-structural soils, caliched 			ch requires additi	onal design and co	Instruction expens	e.	A. Water Application & Connection Fees		\$0 C. Power Ap	plication & Co	onnection Fees		\$0	\$0	
 The site does not contain hazardous materials, non-structural sons, callene The Project does not include any complex, sensitive and/or unusual project 			nts that are not s	pecifically itemized	below.				\$0 D . Other:				\$0		
PROJECT ELEMENT		SIZE	AREA or	PROJECTED	UNIT	COST	B. Sewer Application & Connection Fees		SU D. Other:				\$0		
		-	QUANTITY	UNIT COST		ESTIMATE	VII. Building Fixtures and Hardware			0	unite	65 000	nor unit	60	
I. Projected Construction Costs: A. Building and/or Site Development							A. Modular Work Station Unit B. Telephone System Equipment:			0	units	\$5,200 \$325	per unit	\$0 \$0	
Fire Alarm System Replacement: Replace all fire alarm system compo control panel and power supply with new addressable panel and field							B. Telephone System Equipment: 0 units \$325 per unit C. Router with Switch and racks: (\$20,000 - up to 24 users; \$75,000 - up to 96 users); (48-port \$10,000; 24-port \$5,800)								
 devices, smoke detectors, preaction panels and pull stations. Include: 		124000	124000 s.f. \$6 p			\$744,000	 C. Roder with Smith and tacks. (\$20,000 - 0 pto 24 deels, \$75,000 - 0 pto 36 deels), (Report \$10,000, 24-poil \$3,000) D. UPS System: (Small - \$15,000; Large - \$35,000) 							\$0 \$0	
modifications with conduit, cabling, wiring and associated appurtenance							E. Server (If required - \$31,500)							\$0	
2.) Land Construction: (Parking, Site Improvements, Landscaping):		0	acres	\$500,000	acres	\$0	F. Registered Cabling Design / Engineering Service				Man Hours	\$80	per hour	\$0	
3.) Off-site Construction: Off-site Construction with Signalization		0	lin. ft.	\$0	per lin. ft.	\$0	G. Wi-Fi System with conduits (One device per 2000 s.f.)				ea	\$5,000	per each	\$0	
4.) Other: Contractors margins & adjustments (use 30-35% if not included in ca	onstruction line items above)	30%	%	\$744,000	l.s.	\$223,200	H. General & Specialized Relocation: Packing and Moving (Reg	gular time \$54.00	D/hr)	80	Man Hours	\$54	per hour	\$4,320	
I. Projected Construction Costs: B. Specialty and/or Unique Projects Requirements:							I. Other (Specify)			0	unit (specify)	\$0	per(specify)	\$0	
1.) Pioneer/extend Utilities to project site boundaries:	C. Sewer Se	ervice Pioneerir	ig:		\$0		SUBTOTAL BUILDING FIXTURES & HARDWARE						\$4,320		
A. Electric Service Pioneering:	\$0 D. Gas Serv	ice Pioneering:			\$0	\$0	2021 / 2022 SUBTOTAL OF ESTIMATED DESIGN & CONSTRUCTION COSTS MANAGED BY RPM						\$1,324,698		
B. Water Service Pioneering:	\$0 E. Telephon	e/Cable/Fiber \$	Service Pioneerin	g:	\$0		VIII. FF & E (Free-Standing Furniture & Computers)								
 Computer / Telephone / Alarm System and/or CCTV Cabling ; Terminat parcels and buildings (\$15,000 small facility; \$30,000 medium facility; 		ds: (Cabling to	the site and inter	ior to		\$0	A. Facility: (Free-Standing Furnishings and Computer Equipme	nt)		0	s.f.	\$20	per s.f.	\$0	
3.) Accessibility Path of Travel upgrades for alterations						\$0	B. Computer with Printer and Software 0 units \$4,500							\$0	
4.) Other (Specify)						\$0	C. Alarm System Service (First Year) 0 system \$13,500						per system	\$0	
			Ent	imated Project Co	Instruction Cost	\$967,200	D. Other (specify)			0	unit	\$0	unit	\$0	
L Breissted Construction Costs C. Estimated Out of lists and	nution Cost Differential		281	atea r roject ot			IX. Outreach: Departmental Project Notification and Publicity	Requirements:	Ground Breaking and Project D	edication				\$0	
I. Projected Construction Costs: C. Estimated Out of Urban Area Const	ruction Cost Differential	_			0.0000%	\$0									
		ADJUS	TED PROJECT O	CONSTRUCTION C	COST ESTIMATE	\$967,200	2	021 / 2022 SUB	TOTAL OF ESTIMATED FREE-S	TANDING FUI	RNITURE, COMP	OTERS AND OUT	REACH COSTS	\$0	
II. Professional Service Fees								2021 / 20	22 TOTAL ESTIMATED	PROJEC	T COSTS FO	OR BUDGET	PURPOSES	\$1,324,698	
A. Professional Service Fees (A/E Contract): Planning / Design / Sub C Bidding Assistance / Basic Services of Contract Administration / Work F		s / Specificatio	ns / Bid Preparati	ion /	10.0000%	\$96,720									
B. Reports / Studies / Owner Expense / Deliverables (A/E Contract):	Other:	\$0	Cost Estimator	(3rd Party)	\$4,500										
Reimbursement of Consultant Paid Owner Expenses \$2,500	00 Traffic Study \$0 Certified Scheduler \$4,500			\$4,500	#00 000										
Topographic / Boundary Survey \$0	Drainage Study	\$0 CD Bid Plan Sets \$50			\$50	\$28,222									
Engineering Report (Civil, Structural, MPE) \$6,500	Geotechnical Report	\$0	Construction P	lan Sets	\$500										
Other - specify (Landscape, Interior Design etc.) \$0	Subsurface Utility Engineering	\$0	Design Conting	gency (10%)	\$9,672										
C. Project Management / Construction Management / Construction In	spection / Pre-planning Costs / Ex	tended CA			3.0000%	\$29,016									
		Es	timated Profess	ional Service Fee	s (A/E Contract)	\$153,958	1								

CAPITAL IMPROVEMENT REQUESTS

The following capital projects were submitted in the Department 5 -Year capital plan and are presented to the BEFAC for discussion and possible action:

a.	LED Lighting Upgrade	•	\$ 2,080,968
b.	Boiler Replacement		\$ 1,257,138
c.	Chiller 3 Replacement		\$ 858,314
d.	Covered Parking		\$ 4,997,044
e.	Parking Lot Gate & Controller Replacement		\$ 413,451
f.	Cubicle Reconfiguration – Permit Intake		\$ 224,954
g.	Sound System Upgrade – Presentation Room		\$ 287,823
h.	Room #1116 Audio/Visual Upgrade		\$ 133,458
i.	Room #1116 and #1222 Floor Video Ports		\$ 147,976
j.	Space Planning Needs-Russell Campus		\$ 203,555
k.	Air-Water Balance - Russell Campus		\$ 2,681,858
1.	Fire Alarm Systems Replacement		\$ 1,324,698
		TOTAL	\$14,611,237

CAPITAL IMPROVEMENT PROJECT UPDATE

CAPITAL IMPROVEMENT UPDATES:

Status on previously approved capital improvement projects:

- Plans Exam Restroom
- Covered Parking (Photovoltaic)
- Carpet Replacement
- ADA Code Accessibility
- Public & Employee Parking LED Light Change
- Smart TV Relocation and New Installation
- Parking Lot Assessment
- 2 Chiller Replacements
- Data Room Cooling
- Exterior Joint Sealant Replacement
- Interior Camera VMS Upgrade
- Lighting Control System Replacement
VALUATION TABLE UPDATE

DEPARTMENTAL PERFORMANCE DATA



----------------------------------FY22

2,000												
2,000	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
FY18	4,632	5,239	4,302	4,646	4,406	3,866	4,223	4,058	4,934	4,781	5,346	5,047
 FY19	4,946	5,579	4,177	5,237	4,486	3,729	4,424	4,584	4,657	5,148	4,926	4,922
→ FY20	5,480	4,570	3,919	4,704	3,418	3,714	4,621	4,088	3,726	3,308	3,479	4,678
— — FY2 1	4,718	4,849	5,179	4,609	3,924	5,141	4,777	4,516	5,168	5,200	5,211	5,868
— FY2 2	5,007	6,187	4,757	5,068	4,823	5,063	5,004	5,075	5,482	4,739		

Building Permits Issued - Fiscal Year Comparison

Through April 2022

					<u> </u>	rougn A	iprii 204						
	JUL	AUG	SEPT	ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	YTD
FY18	4,632	5,239	4,302	4,646	4,406	3,866	4,223	4,058	4,934	4,781	5,346	5,047	55,480
FY19	4,946	5,579	4,177	5,237	4,486	3,729	4,424	4,584	4,657	5,148	4,926	4,922	56,815
FY20	5,480	4,570	3,919	4,704	3,418	3,714	4,621	4,088	3,726	3,308	3,479	4,678	49,705
FY21	4,718	4,849	5,179	4,609	3,924	5,141	4,777	4,516	5,168	5,200	5,211	5,868	59,160
FY22	5,007	6,187	4,757	5,068	4,823	5,063	5,004	5,075	5,482	4,739			51,205
60,000									59,16	0			
58,000				56,815					_				
56,000	55,4	80											
54,000	_	_							-				
52,000									-			51,205	
50,000							49,705						
48,000													





12,000 -

10,000												
10,000	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
	22,626	26,980	26,459	25,020	22,778	27,768	22,870	21,398	24,830	23,942	25,426	24,443
 FY19	23,689	25,729	21,795	26,588	23,249	22,133	23,008	20,788	23,326	22,801	23,779	21,080
→ FY20	22,187	21,963	20,661	23,024	18,050	18,977	20,933	19,986	20,557	19,241	16,963	19,664
—————————————————————————————————————	20,440	19,376	20,604	20,062	17,055	19,487	17,307	18,928	22,626	21,014	20,078	23,290
— FY22	20,791	21,925	21,764	20,779	22,321	21,774	22,023	22,316	27,561	23,712		

Building Completed Inspections- Fiscal Year Comparison

Through April 2022

	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	YTD
FY18	22,626	26,980	26,459	25,020	22,778	27,768	22,870	21,398	24,830	23,942	25,426	24,443	294,540
FY19	23,689	25,729	21,795	26,588	23,249	22,133	23,008	20,788	23,326	22,801	23,779	21,080	277,965
FY20	22,187	21,963	20,661	23,024	18,050	18,977	20,933	19,986	20,557	19,241	16,963	19,664	242,206
FY21	20,440	19,376	20,604	20,062	17,055	19,487	17,307	18,928	22,626	21,014	20,078	23,290	240,267
FY22	20,791	21,925	21,764	20,779	22,321	21,774	22,023	22,316	27,561	23,712			224,966



Building Inspections Activity Breakdown



BUILDING INSPECTOR ACTIVITY



BUILDING INSPECTOR ACTIVITY Rollover Data by Fiscal Year

	FY18	FY19	FY20	FY21	FY22
Rollover Data	2.02%	1.63%	1.40%	3.36%	3.34%



STAFFING UPDATE

New Hires

Building Permit Specialist I	11/29/2021	Nicole Cowens
Building Permit Specialist I	11/29/2021	Dani Elle Russo
Building Permit Specialist I	12/27/2021	Rosa Melo
Building Inspector I	2/22/2022	James Hedges
Building Inspector I	5/2/2022	Travis Lewis
Building Permit Specialist I	3/21/2022	Ryan Watanabe
Administrative Secretary	3/7/2022	Cedrick Wilson
Building Inspection Specialist	3/21/2022	Jessie Keller
Building Inspector I	4/18/2022	Aaron Kemper
P/T Management Assistant	2/22/2022	Katie Bradley
Senior Building Inspector	5/16/2022	Doug Petty
P/T Management Assistant	4/18/2022	Ava Arroyo

Promotions

Commercial Combination Inspector	11/29/2021	Glenn Weidman
Senior Building Inspector	12/13/2021	Ramon Carrillo
Assistant Manager Plans Exam	2/22/2022	Mary Audrey
Commercial Combination Inspector	2/22/2022	Michael Metz
Director Development Services	4/4/2022	James Gerren
Sr. Engineer/Architect	3/7/2022	Paul Simpson
Senior Building Inspector	5/16/2022	Steven Crofford
Senior Engineer/Architect	5/16/2022	Belayhun Gebretsadik

Offers Made Pending Background Check

Building Inspector I	Pending	Brian Forest
Part-Time	Pending	Markus Gharibian

Positions in Recruitment

10007541	Sr. Office Specialist
10007784	Associate Engineer
10007549	Associate Engineer
10007876	Associate Engineer
10007775	Building Inspector I/II
10007762	Building Inspector I/II
10040723	Building Plan Exam. Specialist
10037992	Building Plan Exam. Specialist
10036962	Building Plan Exam. Specialist
10037153	Building Plan Exam. Specialist
10007694	Fire Protection Engineer
10007701	Manager Engineering
10007780	Sr. Building Inspector
10007663	Sr. Building Inspector
10007770	Sr. Building Inspector
10007856	Sr. Engineer/Architect
10008964	Records Technician
10007611	Records Technician
10050098	Sr. Management Analyst

Additional Positions Seeking Authority to Recruit

10007703	Office Assistant II
10007704	Office Assistant II

Additional Funded Positions in Holding

10007540	Administrative Specialist
10007703	Manager Plans Exam
10007638	Assistant Director
10007774	Sr. Building Inspector
10007802	Sr. Building Inspector
10007807	Sr. Building Inspector
10007827	Sr. Building Inspector
10007829	Sr. Building Inspector

ECONOMIC OUTLOOK

From **BEFAC** Members

PROPOSED ITEMS FOR FUTURE AGENDA

DIRECTOR'S COMMENTS

SET NEXT COMMITTEE MEETING

August 2022

PUBLIC COMMENT

ADJOURN MEETING