Medford High School - PDP Alternates

PROGRAM CONSIDERATIONS			
Programs	**GSF**	**Estimated Construction Cost**	**Estimated Total Project Cost**
PROG1 - Teen Health Center Space	2190	$ 1,955,765	$ 2,386,033
PROG2 - Medford Community Media	2730	$ 2,438,009	$ 2,974,371
PROG3 - Community Partner Rental Spaces	4140	$ 3,697,200	$ 4,510,584
PROG4 - Welcome Center/ Central Offices	30743	$ 27,454,834	$ 33,494,897
PROG5 - Community Meeting Space	8445	$ 7,541,752	$ 9,200,937
PROG6A - Additional area for an 1,000 Seat Auditorium	3750	$ 3,482,038	$ 4,248,086
PROG6B - Additional area for an 800 Seat Auditorium	750	$ 696,408	$ 849,618
PROG6C - Reduced area for a 500 Seat Auditorium	-3750	$ (3,482,038)	$ (4,248,086)
PROG7A - MEEP Preschool	25763	$ 23,007,478	$ 28,069,123
PROG7B - Medford Family Network (MFN)	4223	$ 3,771,322	$ 4,601,013
PROG7C - Kids Corner Daycare	9825	$ 8,774,152	$ 10,704,465
Subtotal Existing Programs (assume 800 seat aud)	**63856**	**$ 46,831,925**	**$ 57,134,949**
Subtotal All Programs (assume 800 seat aud)	**155665**	**$ 79,336,920**	**$ 96,791,042**
ALTERNATES WITH LCCA IMPACTS			
PV1 - Provide Roof Mounted PV Panels over a fixed % of the Roof Surface (assume City/District owns the panels)		$ 2,683,800	$ 3,274,236
PV2 - Purchase Additional Canopy Mounted PV Panels over Parking, Drive Aisles and CTE Yards for NetZero (assume City/District owns the panels)		$ 23,600,400	$ 28,792,488
PV3 - Provide Canopy Structures only for PV Panels over Parking, Drive Aisles and CTE Yards for NetZero (assume PPA for panels)		$ 48,649,200	$ 59,352,024
HVAC1 - Change GSHP system to an air-source heat pump system (ASHP - Air to water type)		$ (47,689,646)	$ (58,181,368)
HVAC2 - Change GSHP system to a hybrid ground source heat pump and air source heat pump system.		$ (25,301,216)	$ (30,867,484)
HVAC3 - Change GSHP system to an air-source heat pump VRF system		$ (57,533,023)	$ (70,190,288)
TIMB1 - Provide 50% of the new construction/addition structural frame with mass timber members/systems		$ 14,615,339	$ 17,830,714
TIMB2 - Provide 100% of the new construction/addition structural frame with mass timber members/systems		$ 29,230,678	$ 35,661,427
OTHER ALTERNATES			
POOL1 - For B & C Alternatives, addition to the existing pool to promote learn to swim programming	5900	$ 6,283,500	$ 7,665,870
POOL2 - For D Alternatives, new pool that replicates the size and features of the current pool	17900	$ 19,063,500	$ 23,257,470
POOL3 - For D Alternatives, new pool that replicates the size and features of the current pool and adds pool features that promote learn to swim programming	23800	$ 25,347,000	$ 30,923,340
PARK1 - Replace at-grade/surface parking with single story deck-over parking with synthetic turf field above (1 Level)		$ 73,573,769	$ 89,759,998
PARK2 - Replace at-grade/surface parking with single story deck-over parking with synthetic turf stadium (bleachers, track and football) above		$ 74,982,503	$ 91,478,654
PARK 3 - Replace at-grade/surface parking with field over decked parking (2.5 levels)		$ 63,290,388	$ 77,214,273
ACCESS1 - Add a second curb cut west of Steve Miller Drive to create a new driveway from Winthrop Street to the site		$ 1,232,766	$ 1,503,975
ACCESS2 - Create a secondary emergency only vehicular access to Winthrop Street via "Lily Pond Lane"		$ 2,490,434	$ 3,038,329
ACCESS3 - Existing DCR fire road improvements		$ 4,421,447	$ 5,394,165
PHASING-C22MODS - Revised phasing of Alternative C.2.2 that uses modular classrooms to reduce overall construction duration time/phases		$ 31,467,200	$ 38,389,984
PHASING-C34MODS - Revised phasing of Alternative C.3.4 that uses modular classrooms to reduce overall construction duration time/phases		$ 28,087,600	$ 34,266,872
PHASING-D11MODS - Revised phasing of Alternative D.1.1 that uses modular classrooms to reduce overall construction duration time/phases		$ 39,532,800	$ 48,230,016