Appendix F. Annual Current Cost Estimates by Agency for Implementing this Conservation Strategy

Task	YNP	USGS BRD - IGBST	Wyoming	Montana	Idaho	USFS	FWS LE	GTNP	TOTAL
Annual GIS layer updates[5]	5,000	-	-	-	-	95,000	-	2,000	102,000
GIS run for Habitat Effectiveness calculation (CEM)[5]	5,000	-	-	-	-	23,000	-	2,000	30,000
GIS run for secure habitat/subunit[5] ; TMARD >1 mi/sq mi/subunit[5]; OMARD > 2 mi/sq mi/subunit[5]	12,000	-	-	-	-	23,000	-	8,000	43,000
Monitor developed sites and livestock grazing						2,000			2,000
Monitor hunter numbers			1,000	2,500	1,000				3,000
Cutthroat trout spawners (Kokanee – Idaho)	7,000	18,020	-	-	1,250	_	-	-	26,270
Spring carcass surveys	12,000	33,459	-	2,000	-	4,000	-	-	51,459
Whitebark cone transects	2,500	54,044	1,000	2,500	-	2,000	-	-	61,044
Moth presence	-	48,898	3,500	2,000	-	-	-	4,000	59,898

Task	YNP	USGS BRD - IGBST	Wyoming	Montana	Idaho	USFS	FWS LE	GTNP	TOTAL
Private land status	-	-	1,500	10,000	1,100	-	-	-	12,600
Monitoring unduplicated females w/cubs	15,000	112,768	29,150	35,000[4a]	4,000	-	-	4,000	199,918
Mortality	1,000	51,411	11,000	23,000	700	-	20,000	2,000	106,111
Distribution of family groups	7,500	46,630	7,500	7,500	5,000	-	-	-	76,630
Maintaining 25 adult females w/radios	10,000	297,410	80,750	20,000	5,500	-	-	-	453,660
Human/bear conflict mgt.	600,000[1]	-	593,000	246,000[4b]	14,700	650,000[6]	-	100,000[1]	2,186,700
Outreach and education	20,000	-	10,000	30,000[4c]	68,500	60,000	10,000	8,000	206,500
Monitor genetic variation[2]	-	111,711	-	2,500	2,500	-	-	-	124,211

1 This cost is a projected ongoing cost and is not specific to the Conservation Strategy.

2 This cost will be covered through USFWS monitoring of possible changes in genetic variation in all lower 48 grizzly populations.

Task	YNP	USGS BRD - IGBST	Wyoming	Montana	Idaho	USFS	FWS LE	GTNP	TOTAL
Miscellaneous					18,500				18,500
Total per agency per year	697,000	774,351[3]	738,000[1]	393,000[4d]	124,700	859,000	30,000	130,000	-
TOTAL COST PER YEAR									**3,763,501**

4a of total annual costs, 75% of this expenditure is provided through a USFWS Conservation Strategy funding contract

4b of total annual costs, 21% of this expenditure is provided through USFWS Conservation Strategy funding contract.

4c of total annual costs, 40% of this expenditure is provided through USFWS Conservation Strategy funding contract.

4d of total annual costs, 24% of all expenditures are provided through a USFWS Conservation Strategy funding contract.

---

3 Much of this cost is in current IGBST operations.

5 These are new costs to manage habitat but are already required as per the Recovery Plan.

6 30% currently funded; 70% currently needed but unfunded and are currently necessary to minimize bear-human conflicts as per the Recovery Plan.