

ORDER OF MAGNITUDE ESTIMATE
POST FLOOD
CAMPGROUND CONSTRUCTION COSTS IN YOSEMITE NATIONAL PARK
Prepared by Brian H. Ouzounian at the request of U.S. Congressman George Radanovich
November 4, 2005

1.0 IN EXISTING VALLEY CAMPGROUNDS: REPLACEMENT OF FLOOD DAMAGED CAMPSITES USING EXISTING SALVAGED POST FLOOD EQUIPMENT AND MATERIAL, HAD THE SITES NOT BEEN DISTURBED POST FLOOD

1.01 Clearing and grubbing for site preparation	\$100
1.02 Rough and fine grading for concrete parking space side bumpers, a/c paving, and site	300
1.03 Realign/reset concrete parking space side bumpers [2 ea. X 50]	100
1.04 Replace concrete parking space side bumpers [2 ea. x 100]	200
1.05 Repair/replace steel fire pit / BBQ grill	50
1.06 Repair/reset table	75
1.07 Reset campsite marker	50
1.08 Repair restrooms	<u>500</u>
1.09	Total cost 1,375

2.0 IN EXISTING VALLEY CAMPGROUNDS: REPLACEMENT OF FLOOD DAMAGED CAMPSITES USING EXISTING SALVAGED POST FLOOD EQUIPMENT AND MATERIAL, AFTER THE YNPS SCARRIFIED THE CAMPSITES

2.01 Clearing and grubbing for site preparation	\$300
2.02 Rough and fine grading for concrete space side bumpers, asphalt paving, and site	500
2.03 Reset concrete parking space side bumpers [1ea. x 50]	100
2.04 Replace concrete parking space side bumpers [3ea. x 100]	300
2.05 Replace asphalt paving for parking	800
2.06 Repair/reset steel fire pit / BBQ grill	75
2.07 Repair/reset table	75
2.08 Reset campsite marker	50
2.09 Repair/rebuild restrooms	<u>1,200</u>
2.10	Total cost 3,400

3.0 IN EXISTING VALLEY CAMPGROUNDS: REPLACEMENT OF FLOOD DAMAGED CAMPSITES USING NEW EQUIPMENT AND MATERIAL, ASSUMING NO SALVAGEABLE FLOOD DAMAGED UNITS

3.01 Clearing and grubbing for site preparation	\$300
3.02 Rough and fine grading for concrete space side bumpers, asphalt paving, and site	500
3.03 Install new concrete parking space side bumpers [4 ea. x 100]	400
3.04 Install new asphalt paving for parking	800
3.05 Install new steel fire pit / BBQ grill	175
3.06 Install new table	575
3.07 Install new campsite marker	150
3.08 Repair/rebuild restrooms	<u>1,200</u>
3.09	Total cost 4,100

4.0 IN HIGH COUNTRY: DEVELOP NEW CAMPGROUNDS WITH NEW CAMPSITES TO EQUAL FLOOD DAMAGED SITES IN VALLEY FROM FLOOD USING NEW EQUIPMENT AND MATERIAL, ASSUMING NO SALVAGEABLE FLOOD DAMAGED UNITS

4.01 Soft costs to acquire/secure land	\$8,500
4.02 Surveying, topography, renderings, stakeout	4,500
4.03 Architectural, civil engineering services	4,200
4.04 Consulting/Inspection/quality control services	2,800
4.05 Clearing and grubbing	1,900
4.06 Rough grading	3,100
4.07 Fine grading	1,800
4.08 Install new concrete parking space side bumpers [4 ea. x 275]	1,100
4.09 Install new asphalt paving	2,400
4.10 Install new fire pit / BBQ grill	300
4.11 Install new table	775
4.12 Install new campsite marker	250
4.13 Install new restrooms	5,800
4.14 Install new utilities to include: water, waste, electrical power	<u>6,900</u>
4.15	Total costs 44,325