

Appendix 6

ENGINEERS WITHOUT BORDERS
LOS ANGELES, SAN FRANCISCO,
MINNEAPOLIS PROFESSIONAL CHAPTERS

Cost Estimate of Village Earnings,
Building Materials, and
Miscellaneous Expenses

Description	Rps	USD (42 Rps/USD)	Comments
Government Relocation	\$ 70,000	\$ 1,666.67	Gov will pay 40K Rps. 55.5K Rps Inland. Villager to buy land, build foundation
Government Relocation Housing	\$ 25,000	\$ 595.24	
Annual Land Tax	\$ 1,000	\$ 23.81	
Women Self-Help	\$ 50	\$ 1.19	Gov't Match - Deposit in Bank
Women Work in Fields - One Day	\$ 30	\$ 0.71	
Day Loss Work for Meeting	\$ 30 - 32	\$ 0.71 - 0.76	
Women Self-Help Group	\$ 8 - 9	\$ 0.19 - 0.21	Savings Before Tsunami per Group
Weekly Fishermen Income	\$ 1,000 - 2,000	\$ 3.81 - 47.62	
Fish Income	\$ 50 - 100	\$ 1.19 - 2.38	
Prawn Income	\$ 150 - 200	\$ 3.57 - 4.76	
Dowry Example	\$30,000 - 40,000	\$714.29 - 952.38	
Dowry Example	\$ 3,000 - 5,000	\$71.43 - 119.05	
Power Connection	\$ 500	\$ 11.90	
Power Unit	\$ 2 - 3	\$ 0.05 - 0.07	
Power - Average Monthly Bill	\$ 120 - 170	\$ 2.86 - 4.05	
Power - Monthly Bill Example	\$ 500	\$ 11.90	
Monthly Cable	\$ 4,000	\$ 95.24	four to five Connections
Annual Roof Re-thatch	\$ 1,500	\$ 35.71	Rains
Entire Roof Replacement	\$ 5,000	\$ 119.05	two to three years Local Supplier
Entire Roof Replacement	\$ 10,000	\$ 238.10	Ongole Supplier
Annual Mud Wall Repair	\$ 1,000 - 1,200	\$ 23.81 - 28.57	
Mud per Cart	\$ 100	\$ 2.38	
New Mud Wall	\$ 5,000	\$ 119.05	
House, Thatch	\$ 2,200	\$ 52.38	2000 Material + 200 Labor
Bricks for House	\$ 1,280	\$ 30.48	House: 20' x 20' x 8' Bricks: 12" x 6" x 6" 1 Rp/Brick
1 brick (pre-made)	\$ 10 - 15	\$ 0.24 - 0.36	
1 brick (pre-made) - Wholesale	\$ 8 - 9	\$ 0.19 - 0.21	
1 brick - Village made	\$ 5	\$ 0.12	
Clay Bricks - Ongole	\$ 1,500	\$ 35.71	1,000 bricks
Cement - Rassi Gold	\$ 240	\$ 5.71	1 bag makes 35 bricks
Cement - Wholesale	\$ 120	\$ 2.86	1 bag makes 35 bricks
Cement - Matta Sree Rama Murthy	\$ 250	\$ 5.95	50 kg bag
Cement - Matta Sree Rama Murthy - Wholesale	\$ 120	\$ 2.86	50 kg bag
Concrete Blocks - Ongole	\$ 7 - 9.5	\$ 0.17 - 0.23	Various Sizes for 53 grade cement
Aggregate - Chima Kurthy	\$ 650	\$ 15.48	Sand 6 Ton/Truck
Reinforcement 6 mm – Padma Traders	\$ 30,000	\$ 714.29	Vizkag 1000 kg
Reinforcement 6 mm – Padma Traders - Wholesale	\$ 25,000	\$ 595.24	Vizkag 1000 kg
Reinforcement 8 mm – Padma Traders	\$ 29,200	\$ 695.24	Vizkag 1000 kg
Reinforcement 8 mm – Padma Traders - Wholesale	\$ 24,000	\$ 571.43	Vizkag 1000 kg
Reinforcement 10, 12 mm – Padma Traders	\$ 29,000	\$ 690.48	Vizkag 1000 kg
Reinforcement 10, 12 mm – Padma Traders - Wholesale	\$ 24,000	\$ 571.43	Vizkag 1000 kg
Wire for Reinforcement – Padma Traders	\$ 35	\$ 0.83	per kg
Asbestos Sheets	\$ 100 - 300	\$ 2.38 - 7.14	Various Sizes
Elevated Water Tank	\$ 70,000	\$ 1,666.67	
Latrine/Toilet	\$ 5,000 - 6,000	\$ 119.05 - 142.86	
Pump, Electric - Repair	\$ 4,000	\$ 95.24	
Pump, Electric - New	\$ 3,000	\$ 71.43	
Hand Pump, Suction - Used	tbd		
Hand Pump, Suction - New	\$ 1,600	\$ 38.10	
Hand Pump, Lift - Used	tbd		
Hand Pump, Lift - New	tbd		
Bore Well	\$ 600	\$ 14.29	Up to 25 ft.

Integrated Development Project for Tsunami Victims
PRAKASAM DISTRICT, ANDHRA PRADESH STATE, INDIA