

**INFRASTRUCTURE FOR BIODIVERSITY
CONSERVATION IN KIDEPO VALLEY
NATIONAL PARK**

**Construction of Two (02) Ranger Posts "Karua,
Kaekem"**

BAR BENDING SCHEDULES

Prepared by:

USAID/Uganda A & E Design and Construction Management Services, implemented by:
MBW Consulting Ltd and Cardno I.D. USA

Jan 2023

PROJECT: INFRASTRUCTURE FOR BIODIVERSITY CONSERVATION IN KIDEPO VALLEY NATIONAL PARK

BAR BENDING SCHEDULE

Project Title: CONSTRUCTION OF RANGER POSTS

Client: USAID/UWA

Site: KAEKEM

Title: ACCOMODATION BLOCK

														Size	Weight
															(kg/m)
														T12	0.890
														T8	0.396
Bar Bending Schedule to BS 8666															
Location	No. of Members	Mark	Size	No. in each	Total No.	A	B	C	D	E/R	Length (mm)	Total Length (m)	Total Weight (kg)	Shape Code	Remarks
Ground Beam 01	2	01	T12	4	8	150	18900	150			19,400	155.2	138	21	
	2	02	T8	95	189	300	200	300	200		1,200	226.8	90	51	
Ground Beam 02	2	01	T12	4	8	150	9300	150			9,800	78.4	70	21	
	2	02	T8	47	93	300	200	300	200		1,200	111.6	44	51	
Ground Beam 03	1	01	T12	4	4	150	6900	150			7,400	29.6	26	21	
	1	02	T8	35	35	300	200	300	200		1,200	41.4	16	51	
Ring Beam 01	2	01	T12	10	20	150	18900	150			19,400	388.0	345	21	
	2	02	T8	95	189	300	200	300	200		1,200	226.8	90	51	
Ring Beam 02	2	01	T12	10	20	150	9300	150			9,800	196.0	174	21	
	2	02	T8	47	93	300	200	300	200		1,200	111.6	44	51	
Ring Beam 03	1	01	T12	10	10	150	6900	150			7,400	74.0	66	21	
	1	02	T8	35	35	300	200	300	200		1,200	41.4	16	51	

PROJECT: INFRASTRUCTURE FOR BIODIVERSITY CONSERVATION IN KIDEPO VALLEY NATIONAL PARK

BAR BENDING SCHEDULE

Project Title: CONSTRUCTION OF RANGER POSTS

Client: USAID/UWA

Site: KAEKEM

Title: OFFICE AND STORE

														Size	Weight
															(kg/m)
														T12	0.890
														T8	0.396
Bar Bending Schedule to BS 8666															
Location	No. of Members	Mark	Size	No. in each	Total No.	A	B	C	D	E/R	Length (mm)	Total Length (m)	Total Weight (kg)	Shape Code	Remarks
Ground Beam 01	2	01	T12	4	8	150	7300	150			7,800	62.4	56	21	
	2	02	T8	37	73	300	200	300	200		1,200	87.6	35	51	
Ground Beam 02 & 03	4	01	T12	4	16	150	3150	150			3,650	58.4	52	21	
	4	02	T8	16	63	300	200	300	200		1,200	75.6	30	51	
Ring Beam 01	2	01	T12	10	20	150	7300	150			7,800	156.0	139	21	
	2	02	T8	37	73	300	200	300	200		1,200	87.6	35	51	
Ring Beam 02 & 03	4	01	T12	10	40	150	3150	150			3,650	146.0	130	21	
	4	02	T8	16	63	300	200	300	200		1,200	75.6	30	51	
Armory															
Slab	2	01	T12	8	16	100	3050	100			3,450	55.2	49	21	
	2	02	T12	16	32	100	1400	100			1,800	57.6	51	21	
Ceiling	2	01	T12	8	16	100	3050	100			3,450	55.2	49	21	
	2	02	T12	16	32	100	1400	100			1,800	57.6	51	21	
Walling	1	01	T12	42	42		3400	100			3,700	155.4	138	11	
	1	02	T12	15	15	1400	3050	1400	2150		8,200	123.0	109	31	

