

Appendix 6-3 Planned Equipment and Preparation of the Rooms

Item No.		Name of Equipment	Quantity			Electricity		Water	Construction
Rusifa	Irbid		Rusifa	Irbid	Total	Power Outlet	Distribution Board	Water Supply & Drainage	Renovation Installation
1. Wood Working Course									
R-W-1	I-W-1	Band saw	1	1	2				
R-W-2	I-W-2	Wood working bench with vise	4	4	8				
R-W-3	I-W-3	Circular saw	1	1	2				
R-W-4	I-W-4	Planer	1	1	2				
R-W-5	I-W-5	Bench drilling machine	2	2	4				
R-W-6	I-W-6	Pedestal grinder	2	2	4				
R-W-7	I-W-7	Wood working press	1	1	2				
R-W-8	I-W-8	Router	1	1	2				
R-W-9	I-W-9	Electric hand drill	2	2	4				
R-W-10	I-W-10-1	Electric hand grinder	2	1	3				
	I-W-10-2	Electric hand grinder		1	1				
R-W-11	I-W-11	Electric sander	2	2	4				
R-W-12		Electric hand planer	2		2				
	I-W-12	Electric hand planer		2	2				
R-W-13	I-W-13	Electric hand circular saw	2	2	4				
R-W-14-1	I-W-14-1	Electric jig saw	1	1	2				
R-W-14-2	I-W-14-2	Electric jig saw	1	1	2				
R-W-15	I-W-15	Grinder	2	2	4				
R-W-16	I-W-16	Chisel	1	1	2				
R-W-17	I-W-17	Copying Lathe	1	1	2				
R-W-18		Column drilling machine	1		1				
R-W-19	I-W-18	Spindle moulder	1	1	2				
R-W-20	I-W-19	Combination machine	1	1	2				
R-W-21	I-W-20	Hand router	6	6	12				
R-W-22	I-W-21	Air compressor	1	1	2				
R-W-23	I-W-22	Dust collector	5	5	10				
R-W-24	I-W-23	Tool wagon	2	2	4				
R-W-25	I-W-24	Wood working hand tool set	10	10	20				
R-W-26	I-W-25	Tool cabinet	3	3	6				
2. Leather Working Course & Shoe Making Course									
R-L-1	I-L-1	Leather puncher	1	1	2				
R-L-2	I-L-2	Leather sewing machine	3	5	8				
R-L-3	I-L-3	Stitching machine	4	4	8				
R-L-4	I-L-4	Sole stitching machine	1	1	2				
R-L-5	I-L-5	Finishing machine	1	1	2				
R-L-6	I-L-6	Leather skiving machine	1	1	2				
R-L-7	I-L-7	Shoemaking bench A	4	4	8				
R-L-8	I-L-8	Shoemaking bench B	11	6	17				
R-L-9	I-L-9	Tool wagon	4	4	8				
R-L-10	I-L-10	Tool set for leather work	10	10	20				
R-L-11	I-L-11	Tool set for shoemaking	10	10	20				
R-L-12	I-L-12	Sole presser	1	1	2				
R-L-13	I-L-13	Single needle cylinder bed machine	2	2	4				
R-L-14	I-L-14	Wooden last	1	1	2				
R-L-15	I-L-15	Anvil	11	11	22				
R-L-16	I-L-16	Tool cabinet	2	2	4				
3. Tailoring Course & Sewing, Dress Making Course									
R-S-1	I-S-1	Sewing machine	8	8	16				
R-S-2-1	I-S-2-1	1-needle lockstitch machine	7	7	14				
R-S-2-2	I-S-2-2	Needle feed lockstitch machine	2	2	4				
R-S-2-3	I-S-2-3	1-needle bottom & variable top feed lockstitch machine	2	2	4				
R-S-2-4	I-S-2-4	2-needle 4-thread overlock machine	2	2	4				
R-S-2-5	I-S-2-5	Variable top feed overlock machine (rake-in type)	2	2	4				
R-S-2-6	I-S-2-6	3-needle double chainstitch machine with cloth puller	2	2	4				
R-S-3-1	I-S-3-1	Cloth cutting machine (for men)	1	1	2				
R-S-3-2	I-S-3-2	Cloth cutting machine (for women)	1	1	2				
R-S-4-1	I-S-4-1	Steam iron and iron table (complete type)	2	2	4				

Item No.		Name of Equipment	Quantity			Electricity		Water	Construction
Rusifa	Irbid		Rusifa	Irbid	Total	Power Outlet	Distribution Board	Water Supply & Drainage	Renovation Installation
R-S-4-2	I-S-4-2	Steam iron and iron table (separate type)	4	8	12				
R-S-5-1	I-S-5-1	Drawing set (for men)	5	6	11				
R-S-5-2	I-S-5-2	Drawing set (for women)	5	8	13				
R-S-6	I-S-6	Working bench	2	6	8				
R-S-7	I-S-7	Tool wagon	3	4	7				
R-S-8	I-S-8	Tool set for tailoring	22	22	44				
R-S-9	I-S-9	Storage cabinet	2	3	5				
4. Knitting Course									
R-K-1	I-K-1	Knitting machine	4	3	7				
R-K-2	I-K-2	Manual knitting machine	8	10	18				
R-K-3	I-K-3	Linking machine	1	1	2				
R-K-4	I-K-4	Embroidery machine	2	2	4				
R-K-5	I-K-5	Tool wagon	2	2	4				
R-K-6	I-K-6	Tool set for knitting	12	12	24				
	I-K-7	Sewing machine for knit		1	1				
R-K-7	I-K-8	Storage cabinet	1	1	2				
5. Hair Dressing Course (for man, woman)									
R-H-1	I-H-1	Hair dressing table for man	2	2	4				
R-H-2	I-H-2	Hair dressing table for woman	2	5	7				
R-H-3	I-H-3-1	Permanent dryer & processor (ring)	6	2	8				
	I-H-3-2	Permanent dryer & processor (bell)		2	2				
	I-H-3-3	Permanent dryer & processor (arm)		2	2				
	I-H-3-4	Permanent dryer & processor (mist)		1	1				
R-H-4	I-H-4	Washing machine	2	2	4				
R-H-5	I-H-5	Tool wagon	4	4	8				
R-H-6	I-H-6	Hair dryer	7	8	15				
R-H-7	I-H-7	Mirror	4	4	8				
R-H-8	I-H-8	Stock cabinet	2	3	5				
R-H-9	I-H-9	Electric iron set	7	8	15				
R-H-10-1	I-H-10-1	Model wig (for men)	1	1	2				
R-H-10-2	I-H-10-2	Model wig (for women)	1	1	2				
R-H-11	I-H-11	Facial treatment machine	2	2	4				
R-H-12	I-H-12	Towel steamer	2	2	4				
R-H-13	I-H-13	Scissors sterilizing machine	2	2	4				
R-H-14-1	I-H-14-1	Hair dressing chair for men A	2	2	4				
R-H-14-2	I-H-14-2	Hair dressing chair for men B	1	1	2				
R-H-15-1	I-H-15-1	Hair dressing chair for women A	2	5	7				
R-H-15-2	I-H-15-2	Hair dressing chair for women B	1	1	2				
R-H-16	I-H-16	Instrument set	10	10	20				
R-H-17	I-H-17	Wash basin	4	4	8				
6. Word Processing Course									
R-C-1	I-C-1	Computer (for trainees)	10	10	20				
R-C-2	I-C-2	Computer (for trainer)	1	1	2				
7. Artificial Organ Course									
R-A-1		Drilling & tapping machine	1		1				
R-A-2		Single needle cylinder bed machine	1		1				
R-A-3-1		Bench grinder	1		1				
R-A-3-2		Bench grinder for finishing	1		1				
R-A-4		Carving machine	1		1				
R-A-5		Electric hand drill	1		1				
R-A-6		Electric hand jig saw	1		1				
R-A-7		Electric hand circular saw	1		1				
R-A-8		Electric hand plastic saw	1		1				
R-A-9		Sanding machine	1		1				
R-A-10		Belt grinder	1		1				
R-A-11		Industrial sewing machine	1		1				
R-A-12		Heat gun	1		1				
R-A-13		Plastic welder	1		1				
R-A-14		Heating stick	1		1				
R-A-15		Sealing iron	1		1				
R-A-16		Working bench with vise	1		1				
R-A-17		Tool wagon	1		1				
R-A-18		Heavy-duty cabinet	1		1				

Item No.		Name of Equipment	Quantity			Electricity		Water	Construction
Rusifa	Irbid		Rusifa	Irbid	Total	Power Outlet	Distribution Board	Water Supply & Drainage	Renovation Installation
R-A-19		Tool set	1		1				
R-A-20		TIG arc welder	1		1				
8. Sports Equipment									
R-R-1	I-R-1	Soccer ball set	1	1	2				
R-R-2	I-R-2	Basket ball set	1	1	2				
R-R-3	I-R-3	Volleyball set	1	1	2				
9. Physiotherapy equipment									
R-T-1	I-T-1	Tread mill	1	1	2				
R-T-2	I-T-2	Quadriiceps table	1	1	2				
R-T-3		Electric muscle stimulator	1		1				
R-T-4		Cervical traction machine	1		1				
R-T-5		Suspension room with accessories	1		1				
	I-T-3	Ergometer		1	1				
10. Musical Instruments									
R-M-1	I-M-1	Electric piano	1	1	2				
R-M-2	I-M-2	Drums	1	1	2				
R-M-3	I-M-3	Wireless meeting amplifier	1	1	2				
R-M-4	I-M-4	Megaphone	1	1	2				
11. Book binder Course									
R-B-1		Hot stamping machine	1		1				
R-B-2		Punching machine	1		1				
R-B-3		Book press	1		1				
R-B-4		Hand tools	1		1				
R-B-5		Paper guillotine	1		1				
R-B-6		Wire stitching machine	1		1				
R-B-7		Electric stapler	1		1				
R-B-8		Storage cabinet	1		1				
12. Upholstering Course									
R-U-1	I-U-1	Air compressor	1	1	2				
R-U-2	I-U-2	Industrial sewing machine	2	2	4				
R-U-3		Cloth cutting machine	1		1				
	I-U-3	Cloth cutting machine		1	1				
R-U-4	I-U-4	Working bench	2	2	4				
	I-U-5	Electric hand drill		1	1				
13. Piping Course									
R-P-1		Pipe threading machine	2		2				
R-P-2		Pipe cutter	5		5				
R-P-3		Pipe vise	7		7				
R-P-4		Pipe die set	1		1				
R-P-5		Tapping drill machine	2		2				
R-P-6		Hydraulic pipe bender	2		2				
R-P-7		Pipe wrench	3		3				
R-P-8		Flaring tool set	2		2				
R-P-9		Electric hand drill	2		2				
R-P-10		Electric hand grinder	2		2				
R-P-11		Hack saw	5		5				
R-P-12		Working bench	2		2				
R-P-13		Thread gauge set	5		5				
R-P-14		Tool set for piping work	10		10				
R-P-15		Tool cabinet	2		2				
14. Teaching Equipment									
	I-E-1	Screen		1	1				
	I-E-2	Video projector		1	1				
R-E-1	I-E-3	Video camera	1	1	2				
R-E-2	I-E-4	Video tape recorder	1	1	2				
R-E-3		TV	1		1				
R-E-4	I-E-5	Copy machine	1	1	2				
15. Transportation busses									
R-V-1	I-V-1	Transportation busses	2	2	4				

Appendix 6-4 Utility Cost

New item No.	Equipment		Rusifa / Electricity Consumption per day				Irbid / Electricity Consumption per day			
			Consumption A kW	Hour B h	Number C	AxBxC kWh	Consumption A kW	Hour B h	Number C	AxBxC kWh
1) Wood Working										
R-W-1	I-W-1	Band saw	4.00	0.15	1	0.60	4.00	0.15	1	0.60
R-W-3	I-W-3	Circular saw	1.50	0.10	1	0.15	1.50	0.10	1	0.15
R-W-4	I-W-4	Planner	6.60	0.10	1	0.66	6.60	0.10	1	0.66
R-W-5	I-W-5	Bench drilling machine	0.20	0.10	2	0.04	0.20	0.10	2	0.04
R-W-6	I-W-6	Pedestal grinder	1.50	0.15	2	0.45	1.50	0.15	2	0.45
R-W-7	I-W-7	Wood working press	0.75	1.00	1	0.75	0.75	1.00	1	0.75
R-W-8	I-W-8	Router	1.50	0.10	1	0.15	1.50	0.10	1	0.15
R-W-9	I-W-9	Electric hand drill	0.38	0.05	2	0.04	0.38	0.05	2	0.04
R-W-10	I-W-10-1	Electric hand grinder	1.00	0.15	2	0.30	1.00	0.15	1	0.15
	I-W-10-2	Electric hand grinder					1.00	0.15	1	0.15
R-W-11	I-W-11	Electric sander	0.60	0.15	2	0.18	0.60	0.15	2	0.18
R-W-12		Electric hand planner	0.90	0.15	2	0.27				
	I-W-12	Electric hand planner					1.10	0.15	2	0.33
R-W-13	I-W-13	Electric hand circular saw	1.70	0.15	2	0.51	1.70	0.15	2	0.51
R-W-14-1	I-W-14-1	Electric jig saw	0.39	0.15	1	0.06	0.39	0.15	1	0.06
R-W-14-2	I-W-14-2	Electric jig saw	0.40	0.15	1	0.06	0.40	0.15	1	0.06
R-W-15	I-W-15	Grinder	1.00	0.15	2	0.30	1.00	0.15	2	0.30
R-W-16	I-W-16	Chisel	0.75	0.15	1	0.11	0.75	0.15	1	0.11
R-W-17	I-W-17	Lathe	1.50	0.10	1	0.15	1.50	0.10	1	0.15
R-W-18		Column drilling machine	1.50	0.10	1	0.15				
R-W-19	I-W-18	Electric saber machine	3.00	0.10	1	0.30	3.00	0.10	1	0.30
R-W-20	I-W-19	Side drilling and Sunta planer	3.00	0.10	1	0.30	3.00	0.10	1	0.30
R-W-21	I-W-20	Formika machine	1.40	0.10	6	0.84	1.40	0.10	6	0.84
R-W-22	I-W-21	Air compressor	5.50	0.30	1	1.65	5.50	0.30	1	1.65
R-W-23	I-W-22	Dust collector	1.50	0.30	5	2.25	1.50	0.30	5	2.25
2) Leather Working and Shoe Making										
R-L-1	I-L-1	Leather puncher	0.20	0.10	1	0.02	0.20	0.10	1	0.02
R-L-2	I-L-2	Leather sewing machine	0.20	0.50	3	0.30	0.20	0.50	5	0.50
R-L-3	I-L-3	Stitching machine	0.20	0.50	4	0.40	0.20	0.50	4	0.40
R-L-4	I-L-4	Bind roll machine	0.40	0.50	1	0.20	0.40	0.50	1	0.20
R-L-5	I-L-5	Finishing machine	2.90	0.20	1	0.58	2.90	0.20	1	0.58
R-L-6	I-L-6	Leather combing machine	0.20	0.10	1	0.02	0.20	0.10	1	0.02
R-L-12	I-L-12	Sole presser	0.40	0.20	1	0.08	0.40	0.20	1	0.08
R-L-13	I-L-13	Single needle cylinder bed machine	0.20	0.50	2	0.20	0.20	0.50	2	0.20
3) Tailoring and Sewing, Dress Making										
R-S-1	I-S-1	Sewing machine	0.12	0.50	8	0.48	0.12	0.50	8	0.48
R-S-2-1	I-S-2-1	1-needle lockstitch machine	0.20	0.50	7	0.70	0.20	0.50	7	0.70
R-S-2-2	I-S-2-2	1-needle needle feed lockstitch machine	0.20	0.50	2	0.20	0.20	0.50	2	0.20
R-S-2-3	I-S-2-3	1-needle bottom & variable top feed lockstitch machine	0.20	0.20	2	0.08	0.20	0.20	2	0.08
R-S-2-4	I-S-2-4	2-needle 4-thread overlock machine	0.20	0.20	2	0.08	0.20	0.20	2	0.08
R-S-2-5	I-S-2-5	Variable top feed overlock machine (rake-in type)	0.20	0.20	2	0.08	0.20	0.20	2	0.08
R-S-2-6	I-S-2-6	3-needle double chainstitch machine with cloth puller	0.20	0.20	2	0.08	0.20	0.20	2	0.08
R-S-3-1	I-S-3-1	Electric cutting machine (for men)	0.30	0.10	1	0.03	0.30	0.10	1	0.03
R-S-3-2	I-S-3-2	Electric cutting machine (for women)	0.30	0.10	1	0.03	0.30	0.10	1	0.03
R-S-4-1	I-S-4-1	Steam iron and iron table (complete type)	1.00	0.50	2	1.00	1.00	0.50	2	1.00
R-S-4-2	I-S-4-2	Steam iron and iron table (separate type)	1.40	0.50	4	2.80	1.40	0.50	8	5.60
4) Knitting										
R-K-1	I-K-1	Knitting machine	0.10	1.50	4	0.60	0.10	1.50	3	0.45
R-K-4	I-K-4	Embroidery machine	0.12	0.50	2	0.12	0.12	0.50	2	0.12
	I-K-7	Sewing machine for knit					1.20	0.30	1	0.36
5) Hair Dressing Course (for man, woman)										
R-H-3	I-H-3-1	Permanent dryer & processor (ring)	1.00	0.50	6	3.00	1.00	0.50	2	1.00
	I-H-3-2	Permanent dryer & processor (bell)					1.00	0.50	2	1.00
	I-H-3-3	Permanent dryer & processor (arm)					1.00	0.50	2	1.00
	I-H-3-4	Permanent dryer & processor (mist)					1.00	0.50	1	0.50
R-H-4	I-H-4	Washing machine	1.00	0.50	2	1.00	1.00	0.50	2	1.00
R-H-6	I-H-6	Hair dryer	1.50	0.50	7	5.25	1.50	0.50	8	6.00
R-H-9	I-H-9	Electric iron set	1.00	0.50	7	3.50	1.00	0.50	8	4.00

