

EQUIPMENT AND MATERIAL LIST FOR FARM FIELD IRRIGATION PROJECT

No. 1 List Attached

Unit: 10,000 RMB

No	NAME	SIZE OR PURPOSE	UNIT	ESTIMATED SINGLE PRICE	AMOUNT	COST IN ALL
	Total					1219
1	Irrigation Project Equipment					944
1	Drill	100TYPE XY-1 (including 4sets of water drinking project)	set	5.0	9	45
2	Groutiny Machine		set	1.0	4	4
3	Air Shooter	W-3m ³	set	0.8	5	4
		W-6m ³	set	3.8	2	7.6
4	Hand Air Drill		set	0.4	90	36
5	Crusher	PE-200×300	set	1.0	40	40
6	Bulldozer	Dong Fanghong 70	set	11.0	3	33
7	Loading Machine	ZL50	set	26.0	3	78
8	Roller	12T with Vibration	set	26.0	5	130
9	Dump Truck	5T	onc	9.0	17	153
10	Truck	5T	onc	12.0	24	288

NO	NAME	SIZE OR PURPOSE	UNIT	ESTIMATED SINGLE PRICE	AMOUNT	COST IN ALL
11	Hoister	JM-3	set	0.8	2	1.6
12	Cement Mixer	J2C350	set	1.2	34	40.8
13	Mortar Mixer		set	0.2	66	13.2
14	Vibrator	plug-in type or plano-graphic type	set	0.1	87	8.7
15	Pump	centrifugal pump	set	0.6	13	7.8
16	Diesel Generator	12kw	set	0.5	7	3.5
17	Granulator	20kw	set	1.6	8	12.8
18	Steel Line Cutter		set	0.8	24	19.2
19	Welding Machine	J5G-400	set	0.3	10	3
20	Ventilator		set	0.3	10	3
II	Auto-irrigation Project Equipment			1.0	12	12
	Flood Gate Controller		set			24

EQUIPMENT AND MATERIAL LIST FOR FARM FIELD IRRIGATION PROJECT

No.1 List Attached

Unit: Price in all(10,000 RMB), Single Price, (1 RMB)

No	NAME	SIZE OR PURPOSE	UNIT	ESTIMATED SINGLE PRICE	AMOUNT	COST IN ALL
III	Equipment and Material for Electric irrigation project					
A	Pumps(System)	Centrifugal Pump IS Type			91	127
1		5.5kW	set	7600	7	5
2		7.5kW	set	8700	8	7
3		11kW	set	9560	30	29
4		15kW	set	12800	4	5
5		18.5kW	set	16700	10	17
6		22kW	set	17700	11	19
7		30kW	set	19860	2	4
8		37kW	set	20960	10	21
9		45kW	set	22500	4	9
10		55kW	set	22360	5	11
B	Water Supply Pipe				4481	64
1		Iron Casting Pipe 75mm	m	78	131	1
2		Iron Casting Pipe 100mm	m	120	1958	24
3		Iron Casting Pipe 125mm	m	185	108	2
4		Iron Casting Pipe 150mm	m	160	1938	31
5		Iron Casting Pipe 200mm	m	185	296	5
6		Iron Casting Pipe 250mm	m	200	50	1
C	Control Board				91	46
1		NPC-5.5KW	Piece	1500	7	1
2		7.5kW	Piece	2100	8	2
3		11kW	Piece	2500	30	8
4		15kW	Piece	4800	4	2

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From No. 1 List Attached

Unit: Price in all(10,000 RMB), Single Price(1 RMB)

No	NAME	SIZE OR PURPOSE	UNIT	ESTIMATED SINGLE PRICE	AMOUNT	COST IN ALL
5	Control Board	18.5kW	piece	6540	10	7
6		22kW	piece	7500	11	8
7		30kW	piece	8600	2	2
8		37kW	piece	8800	10	9
9		NPJ-1 45kW	piece	9000	4	4
10		55kW	piece	9500	5	5
C	Power Line	BLV Aluminium Plasti-es	m		36400	14
1		BLV-6mm ²	m	0.70	2800	
2		10mm ²	m	1.40	3200	
3		16mm ²	m	2.20	1200	3
4		25mm ²	m	3.50	5600	2

NO	NAME	SIZE OR PURPOSE	UNIT	PRICE	AMOUNT	COST IN ALL
5	Power Line	35mm ²	m	5.30	9200	5
6		50mm ²	m	6.25	1600	1
7		70mm ²	m	12.56	2000	3

CONSTRUCTION MATERIAL LIST FOR FARM FIELD IRRIGATION PROJECT

No. 2 list Attached

No	PROJECT	CONSTRUCTION MATERIAL						SAND MATERIAL			
		CEMENT (t)	DYNAMITE (t)	STEEL MATERIAL (t)	WOOD (m ³)	ESTIMATED COST IN ALL (10,000 RBM)	RIVER SAND (m ³)	CRUSHED STONE (m ³)	LUMP OF STONE (m ³)	ESTIMATED COST IN ALL (10,000 RBM)	
	Farm Field Irrigation project	49080	1000	460	13026	2752	142624	70473	393721	1909	
1	Auto-Irrigation Project	45328	945	425	12898	2587	131978	63914	376493	1793	
	Including:Reservoir Project	41501	866	414	11302	2349	121717	55619	36375	1685	
	Channel Project	3827	79	11	1596	238	10261	8295	12788	108	
2	Electric Power Irrigation Project	3752	55	35	265	165	10646	6559	17228	116	

EQUIPMENT AND MATERIAL LIST FOR HUMAN AND ANIMAL WATER DRINKING PROJECT

No.3 list Attached

No	EQUIPMENT AND PROJECT NAME	SIZE AND STANDARDS	UNIT	ESTIMATED SINGLE PRICE (1RMB)	AMOUNT	ESTIMATED COST IN ALL (10,000 RMB)
	Total	The Four Sets of Drill in No.1 List Attached				1510
1	Pump for Deep Well	100QJ 10-121/28	set	10900	88	96
2	Pump	IS65-40-20-200 7.5kW	set	3600	14	5
3	Water Supply Pipe	Steel Pipe ϕ 20mm	m	10	547610	548
4	Water Supply Pipe	Steel Pipe ϕ 40mm	m	18	112650	203
5	Water Supply Pipe	Steel Pipe ϕ 50mm	m	20	157285	314
6	Water Meter	ϕ 20mm	set	40	10617	42
7	Sluice Gate, Valve, Meter, Etc.		set	522	5780	302

EQUIPMENT AND MATERIAL LIST FOR ELECTRICITY SUPPLY PROJECT

No. 4 list Attached

No	NAME	SIZE OR PURPOSE	UNIT	AMOUNT	ESTIMATED COST IN ALL (10,000 RMB)
	T total				824
1	10KV Electric Wire Line Equipment				593.24
A	10KV Electric Wire Line			168	492.55
1	Wire Pole	10m Φ 150/288	km	3350	167.50
2	Wire Holder Shoulder	63×6×1500	pole	3861	19.22
3	Hang Porcelain Bottle	X-4.5	strip	5990	17.22
4	Wearproof Wire Clip	NLD-1	piece	2995	5.39
5	Ball-shape Hang Annular	Q-7	single	2995	2.04
6	U-hang Annular	U-10	single	6134	7.97
7	U-hang Annular	W-7B	single	2995	4.49
8	Single Roof	-6×60×R76	single	3350	7.71
9	U-hoop	Φ 16×R76	single	3813	2.86
10	Wire Pulling Hoop	-6×60×160	set	5437	12.27
11	Needle-shape Porcelain	P-15T	single	8865	13.30
12	Screw Bolt	M16×220	set	3019	1.51

No	NAME	SIZE OR PURPOSE	UNIT	AMOUNT	ESTIMATED COST IN ALL (10,000 RMB)
13	Screw bolt	M16×80	set	17382	4.52
14	Wire Clip	NX-1	single	5407	6.97
15	UT-wire Clip	NUT-1	single	5407	12.44
16	Pincers Gripping Alumina Pipe	JT-35/6	single	360	0.29
17	Steel Wire Clip	JK-1	single	21485	10.31
18	Double Hook Clip	JB-1	single	354	0.29
19	Naked Steel Fifth Aluminum Gel	LGF-35	t	75.78	143.23
20	Steel Gel Wire	GJ-35	t	16.40	9.51
21	Alumina Surrounding Board		kg	168	0.49
22	Wire Pulling Pole	Φ 16×2500	pole	5407	17.15
23	Wire Pulling Board	800×600×100	board	5443	26.13
B	10KVA Distribution Equipment				100.69
1	10KVA Transformer	S9-10/0.4	set	38	19.00
2	20KVA Transformer	S9-10/0.4	set	37	22.76
3	30KVA Transformer	S9-10/0.4	set	8	6.32

EQUIPMENT AND MATERIAL LIST FOR ELECTRICITY SUPPLY PROJECT

From No. 4 list Attached

No	NAME	SIZE OR PURPOSE	UNIT	AMOUNT	ESTIMATED COST IN ALL (10,000 RMB)	No	NAME	SIZE OR PURPOSE	UNIT	AMOUNT	ESTIMATED COST IN ALL (10,000 RMB)
4	50KVA Transformer	S9-10/0.4	set	19	19.00	19	Low-tension Measure Box	BLWFF	set	107	5.68
5	80KVA Transformer	S9-10/0.4	set	4	5.60	20	Stand of A Measure Box		single	107	0.25
6	200KVA Transformer	S9-10/0.4	set	1	2.40	21	Low-tension Fuse	200A	set	107	5.01
7	Zinc Oxide Lightning Arrester	HY5WZ-17/50	set	100	4.46	22	Screw Bolt	M16×200	set	321	0.13
8	Drop Switch	RW10-10/100	set	100	4.24	23	Screw Bolt	M16×260	set	321	0.15
9	Shoulder Pole for Drop	L63×6×1800	piece	100	0.61	24	Screw Bolt	M16×280	set	321	0.16
10	Shoulder Pole for Lightning	L63×6×1800	piece	100	0.61	25	Screw Bolt	M16×50	set	321	0.05
11	Earth Collecting Pillar	L50×5×1500	piece	1500	5.15	26	Welding Rod		kg	107	0.08
12	U-hang Annulus	φ 16×R100	set	100	0.10	II	0.4KV Wire Line and Equipment for Consumer				231.17
13	U-hang Annulus	φ 16×R110	set	100	0.11	A	0.4KV Wire Line		km	39.8	101.26
14	Earth Antenna		piece	100	0.25	1	Cement Polar	8m×φ 150/256	one	993	29.59
15	Eircled Steel	10mm	kg	2500	0.65	2	Wire Holder Iron Wire Shoulder	50×5×1500	one	1009	3.47
16	Equipment Clip	SL-2	set	1900	1.70	3	Porcelain Bottle	ED-2	single	4034	0.44
17	M-hang Annulus	-50×5×2200	set	200	0.19	4	Screw Bolt	M16×120	set	4034	0.85
18	Transformer Channel Iron	L10×2.6	piece	214	4.67	5	Naked Steed and Alumina Wire	LGI-25	t	15.3	28.92
						6	Steel Gel Wire	GJ-25	t	1.25	0.70

EQUIPMENT AND MATERIAL LIST FOR ELECTRICITY SUPPLY PROJECT

From No. 4 List Attached

No	NAME	SIZE OR PURPOSE	UNIT	AMOUNT	ESTIMATED COST IN ALL	NO	NAME	SIZE OR PURPOSE	UNIT	AMOUNT	ESTIMATED COST IN ALL (10,000RMB)
7	U-hoop	φ 16×R80	set	993	29.59	3	Plastics Enveloped Alumina Wire	BLV-6	km	237.24	12.53
8	Wire Pulling Hoop	6×60×R76	set	478	1.08	4	Plastics Enveloped Alumina Wire	BLV-10	km	395.4	40.92
9	Wire Pulling Board	800×600×100	board	478	2.29	5	Assurance Equipment for Leaking Electricity	D2L8-20	piece	3954	6.64
10	Wire Pulling Pole	φ 16×2500	piece	478	1.52	6	Guarantee Equipment of china-plug	30A	piece	3954	1.05
11	Cuneiform Wire Clip	NLX-1	set	478	0.62	7	Guarantee Equipment of china-plug	10A	piece	15816	2.37
12	UT Wire Clip	NUT-1	set	478	1.10	8	Lamp Holder, Bulb, Switch		set	15816	8.54
13	Steel Wire Clip	JK-1	set	1912	0.92	9	Flex		m	31632	1.42
14	Curve Pulling Ruler	40×4×250	board	200	0.14	10	Other Installation Material		sort	39	29.56
15	Screw Bolt	M16×50	set	200	0.03						
B	Distribution Equipment for Consumer				129.91						
1	Single-phase Electric Meter	D8621.5(10A)	set	3954	24.91						
2	Big Switch	2×15A	set	3954	2.97						

GENERAL EQUIPMENT LIST FOR PROJECT IMPLEMENT

From No. 5 List Attached

No	NAME	UNIT	AMOUNT	ESTIMATED SINGLE PRICE (10,000 RMB)	ESTIMATED FUND (10,000 RMB)	EQUIPMENT FROM JAPAN (10,000 RMB)
	Total				264.0	124
1	Computer and Type Writer	set	7	1.0	7.0	/
2	Xerox	set	3	1.4	4.2	/
3	Facsimile Machine	set	7	0.4	2.8	/
4	Scanner	set	3	0.4	1.2	/
5	Computer Software Development	set	1	5.0	5.0	/
6	Theodolite	set	6	1.7	10.2	/
7	Surveyor's Level	set	12	0.15	1.8	/
8	Cross-Country Vehicle	one vehicle	4	29.0	116.0	29×2=58
9	Station Wagon	one wagon	1	40.0	40.0	40.0
10	Video Camero	set	1	1.0	1.0	/
11	Projection Machine	set	1	5.0	5.0	/
12	Telephone	set	4	0.2	0.8	/
13	Truck	one truck	4	13.0	52.0	13×2=26
14	Other Office Material	set	7		17.0	/

**PURCHASING PLAN LIST FOR APPLYING FOR JAPANESE SUPPORT OF
EQUIPMENT MATERIAL AND CONSTRUCTION MATERIAL**

No.6 List Attached

PROJECT	TOTAL		THE FIRST YEAR		THE SECOND YEAR	
	EQUIPMENT MATERIAL AND CONSTRUCTION MATERIAL		EQUIPMENT MATERIAL AND CONSTRUCTION MATERIAL		EQUIPMENT MATERIAL AND CONSTRUCTION MATERIAL	
	Equipment Material	FUND (TEN THOUSAND RMB)	Equipment Material	FUND (TEN THOUSAND RMB)	Equipment Material	FUND (TEN THOUSAND RMB)
I. Farm field irrigation project	All Equipment Material in No.1 List Attached	1,042	All Equipment Material in No.1 List Attached	1,042	Equipment Material	
	Construction Material Cement 49,090t Dynamite 1,000t Steel 460t Wood 13,026m ³ Sand Material 607,000m ³	4,138	Construction Material Cement 2,6750t Dynamite 545t Steel 250t Wood 7080m ³ Sand Material 335,000m ³	2,260	Construction Material Cement 14230t Dynamite 455t Steel 210t Wood 5946m ³ Sand Material 272000m ³	1,878
II. Human and Animal Water Drinking Project	All Equipment Material in No.3 List Attached	1,310	All Equipment Material in No.3 List Attached	1,310		
III. Electricity Transport and Supply Project	All Equipment Material in No.4 List Attached	704	All Equipment Material in No.4 List Attached	704		
IV. General equipment for project distribution	Material Supplied by Japan in No.5 List Attached	106	Material Supplied by Japan in No.5 List Attached	106		
	Equipment Material	3,162	Equipment Material	3,162		
Total	Construction Material	4,138	Construction Material	2,260	Construction material	1,878
		7,300		5,422		1,878

Caption: The price of the equipment material and construction material in the list has been deducted the legal rate of tax.