

## LIST OF MAJOR EQUIPMENTS AND TOOLS

<u>Item</u>	<u>Description</u>	<u>Model</u>	<u>Quantity</u>
<b>Hydraulic Bored Pile Drilling Rig</b>			
1	Bauer Hydraulic drilling rig	BG25C	1 set
2	Sany Hydraulic drilling rig	SR280R	1 set
3	Jintai Hydraulic drilling rig	SH25C	1 set
4	IMT Hydraulic drilling rig	AF18	1 set
5	IMT Hydraulic drilling rig	AF180	1 set
<b>Hydraulic Micro Pile / Ground Anchor Drilling Rig</b>			
1	Casagrande Hydraulic Crawler Drill	M9	2 sets
2	Casagrande Hydraulic Crawler Drill	C8	1 set
3	Casagrande Hydraulic Crawler Drill	C6	13 sets
4	CMV Hydraulic Crawler Drill	MK1500D	1 set
5	CMV Hydraulic Crawler Drill	MK900D	2 sets
6	Comacchio Hydraulic Crawler Drill	MC800	1 set
7	Holy HDM Crawler Drill	CD-120	1 set
8	Holy HDM Crawler Drill	CD-120EX	1 set
9	Klemm Hydraulic Crawler Drill	KR806D	1 set
10	Puntel Crawler Drill	PX-600	1 set
11	Beretta Crawler Drill	T53	1 set
12	Mori Crawler Drill	FM40DC	1 set
13	Mobile Drill / Atlas Copco	B-53	1 set
14	Eurocrete Crawler Drill	ECD-200	1 set
15	Gardner Denver Hydraulic Crawler Drill	SCH3500BV1	1 set
16	Ingersoll-Rand Crawler Drill	ECM350	1 set
17	Ingersoll-Rand Crawler Drill	LM200	1 set
18	Ingersoll-Rand Crawler Drill	CM348	1 set
19	Furukawa Crawler Drill	PCR200	1 set
20	Julong Crawler Drill	HZ100Q	1 set
21	Kosmo Crawler Drill	PC100	1 set
22	YBM	RPC-260-T8	1 set
23	Koken	RPD-75SL-H3	1 set
<b>Hydraulic Crawler Crane</b>			
1	Kobelco crawler crane, 55 tons	7055	1 set
2	Link-Belt crawler crane, 50 tons	LS118	1 set
3	IHI crawler crane, 50 tons	CCH500-II	1 set
<b>Hydraulic Mobile Crane</b>			
1	P&H mobile crane, 20 tons	T200	1 set
2	GROVE mobile crane, 8 tons	YB4408	1 set

**Hydraulic Core Drilling Rig**

1	YBM core drill	YSO-3	1 set
2	YBM core drill	2WS	1 set
3	YWE core drill	D90R	1 set

**Hydraulic Skid Type Jet Grout Machine**

1	YBM	SI-40S	1 set
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**Portable Drilling Machine (Soil nail & Rock bolt )**

1	Lumesa Hydraulic Portable Drill	SIG 92H	20 sets
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**Portable Hydraulic Power Pack**

1	Cummins	Cummins 4BT	2 sets
2	Atlas Copco	Deutzs F3L-1011	1 set
3	Atlas Copco	Deutzs F4L-913	1 set
4	Ingersoll-Rand	Isuzu 4JB1	1 set
5	Comp Air	John Deere CD4039DF	1 set
6	Holman	Deutzs F3L-1011	1 set
7	Spider	Perkins 403D-15	1 set
8	Risen Engine Drive	PY-PZ 5/3	2 sets
9	BMC Diesel Drive	Deutz F3L-912	10 sets
10	BMC Diesel Drive	Deutz F2L-912	4 sets
11	Mitsui Deutz	Deutz F5L-912	1 set

**Vibro Hammer**

1	ICE hydraulic vibratory hammer	ICE 416/325	1 set
2	Muller hydraulic vibratory hammer	MS-25H/MS-A245	1 set
3	Tomen Electric Vibro, 5 tons	VM2-5000E	2 sets

**Air Compressor exceeding 600cfm**

1	Airman	PDSK900-350S	3 sets
2	Airman	PDSH750-250S	2 sets
3	Airman	PDS655S	6 sets
4	Airman	PDR600	1 set
5	Atlas Copco	XAHS285	1 set
6	Atlas Copco	XAHS365	1 set
7	Compair Holman	C750-300S	1 set
8	Compair Holman	C850-250S	1 set
9	Compair Holman	C700-250	1 set
10	Compair Holman	C750-100	1 set
11	Denyo	DPS670-SS1	3 sets
12	Ingersoll-Rand	HP750WCU	16 sets
13	Ingersoll-Rand	XP825WCU	5 sets
14	Ingersoll-Rand	XHP1070WCAT	1 set
15	Kaishan	LGCY-22/14K	4 sets
16	Kaishan	LGCY-23/18K	2 sets
17	Sullair	750H	2 sets

**Air Compressor below 600cfm**

1	Airman	PDS175S	8 sets
2	Airman	PDS90S	2 sets
3	Compair Holman	C75-100	1 set
4	Ingersoll-Rand	P185WIR	2 sets
5	Ingersoll-Rand	P130WJD	1 set

**Desanding Plant**

1	Safecleen desanding plant	ZX20	1 set
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**Gunite/Shotcrete Machine**

1	Eurocrete	ECP-5A	32 sets
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**Concrete Batching Plant**

1	Blastcrete	0.5m <sup>3</sup>	JS500	2 sets
2	J&L	5m <sup>3</sup>	JL5	1 set

**Excavator**

1	Samsung	SE350LC-2	1 set
2	Hitachi	EX300-3C	1 set
3	Hitachi	EX200-1	1 set
4	Hitachi	EX120-1	1 set
5	Hitachi	Zaxis 120	1 set
6	Komatsu	PC120-6	1 set
7	Kobelco	K904	1 set
8	Kubota	KH90	1 set
8	Komatsu	PC30	2 sets
9	Yanmar	YB25F	1 set
10	Kubota	U25	1 set

**Loader Backhoe**

1	CASE 580 Super K	580 Super K	1 set
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**Bulldozer**

1	Caterpillar	D5	1 set
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**Vibratory Soil Compactor**

1	Caterpillar	CAT CS533E	1 set
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**Crawler Loader**

1	Caterpillar	955L	2 sets
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**Crawler Dumper**

1	Yanmar	C25R	3 sets
2	Morooka	MST1500	1 set
3	Morooka	MST2200	1 set

**4 x 4 Dumper**

1	Nanyue D-Trax 4x4 Tipper Tractor	D-Trax NDT-50	4 sets
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**Skid Steer Loader**

1	Bobcat	S130	2 sets
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**Hydroseeding Spayer**

1	Gaode	HR1200	4 sets
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**Generator / Welding set**

1	Cummins 150KVA	C150	1 set
2	Cummins 100KVA	C100	1 set
3	Cummins 70KVA	C70	1 set
4	Cummins 50KVA	C50	3 sets
5	Caterpillar Olympian 80KVA	GEP88-1	1 set
6	SDMO 50KVA	DS40	2 sets
7	Denyo 75KVA	DCA-75SSA-H	1 set
8	Denyo 45KVA	DCA-45SPH	1 set
9	Denyo 25KVA	DCA-25SPI	2 sets
10	Perkins 100KVA	100KVA	1 set
11	Perkins 25KVA	25KVA	1 set
12	Yanmar 35KVA	TPG30L	1 set
13	Airman 25KVA	SGD25S	2 sets
14	Lister	10kVA	8 sets
15	Denyo	TLW300SSY	1 set
16	Miller	DX500	12 sets

**Concrete / Motar Pump / Shotcrete machine**

1	Italmacchine	Pompa 435	1 set
2	Blastcrete	HBT30H-2	2 sets
3	Blastcrete	BL-7	2 sets

**Grouting Pump**

1	SC	BW900/25	1 set
2	Tone	5JH	1 set
3	YBM	GP10II	1 set
4	Blastcrete	BW200	15 sets
5	Eurocrete	RG130/20	32 sets
6	Wilden	T-15	20 sets
7	Wilden	T-8	2 sets
8	Aramini Vertical Injector	AP600LV	4 sets
9	Blastcrete	ZBY50/7-11	2 sets
10	Bellin Screw pump	500L	6 sets
11	XingLong Screw pump	XG050	10 sets
12	Clivio	AP/OL-90S	1 set
13	Blastcrete Dosing pump	BH15	2 sets
14	Blastcrete Grouting Station	GGP300/300/75PI-E	2 sets

### **Grout Mixer and Agitator**

1	Koken Colloidal Mixer	HM350	2 sets
2	Blastcrete Colloidal Mixer	GHM400	32 sets
3	Blastcrete Agitator	GLM400	10 sets
4	Blastcrete Agitator	BCA1000	6 sets

### **Concrete Mixer**

1	Winget	7T	10 sets
2	Winget	10T	8 sets

### **Pile Integrity Tester**

1	Pile Dynamics Pile Integrity Tester	PIT-FV	1 set
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### **Grout Flowmeter Recorder / Lugeon Test**

1	DAT Instruments	JET DSP100 - DN20	5 sets
2	DAT Instruments	JET DSP100 - DN50	2 sets
3	Gaodetec	GD-GR6	2 sets
4	Gaodetec	CJ-M8	4 sets

### **Pneumatic Packer**

1	Geodrill Master	GD32	10 sets
2	Geodrill Master	GD54	30 sets
3	Geodrill Master	GD64	20 sets
4	Geodrill Master	GD94	5 sets
5	Geopro Double Tube Single Packer	GDTSP56	10 sets

### **Hydraulic Cylinder and Stressing Jack**

1	JOHA 1500T	FCD1500-150	1 set
2	Blastcrete DGY1000-150	DGY1000-150	1 set
3	Blastcrete DGY500-150	DGY500-150	1 set
4	Blastcrete DGY300-150	DGY300-150	2 sets
5	Power Team 300T	RD3006	1 set
6	Beifang YDC Hollow 650T	YDC6500	3 sets
7	Beifang YDC Hollow 600T	YDC6000	2 sets
8	Beifang YDC Hollow 300T	YDC3000	2 sets
9	Beifang YDC Hollow 200T	YDC2000	2 sets
10	Beifang Mono jack	QYC 270	4 sets
11	Enerpac Hollow 100T	RRH10010	2 sets
12	Simplex Hollow 100T	RCD1006	1 set
13	Enerpac Hollow 60T	RCH606	6 sets
14	Power Team Hollow 50T	RT503	2 sets
15	Larzip Hollow 30T	SH03015	1 set
16	Feiyao Hollow30 T	FY-RCH-306	2 sets
17	Feiyao Hollow 12T	FY-RCH-123	1 set
18	Hi-Force Hollow 11T	HHS102	1 set

**Hydraulic Pump for Cylinder and Stressing Jack**

1	Power Team Electric Hydraulic Pump	PE554PT	1 set
2	Feiyao Electric Hydraulic Pump	FY-EP-200	3 sets
3	Feiyao Electric Hydraulic Pump	FY-EP-75	3 sets
4	Beifang Electric Hydraulic Pump	YBZ2X1.5/63	2 sets
5	Beifang Electric Hydraulic Pump	YBZ2X2/50	4 sets
6	Hi-Force Hand pump	HP110	1 set
7	Enerpac Hand pump	P-80	6 sets
8	Power Team Hand Pump	P460D	1 set
9	Feiyao Hand Pump	FY-EP-80	4 sets

**Rock Drilling Tools / DTH hammer and Bits**

1	Wooke	SD10	10 sets
2	Wooke	DHD380	20 sets
3	Wooke	DHD360	5 sets
4	Wooke	DHD340	40 sets
5	Wooke	DHD3.5	30 sets
6	Halco	MACH20	10 sets
7	Halco	Dominator 100	2 sets
8	One lot of DTH bits from 54mm - 350mm and Odex System		150 pcs
9	One lot of Tricone Rollar bits from 75mm - 450mm		30 pcs
10	One lot of Drag bits from 75mm - 300mm		100 pcs

**Drill Casing, Drilling Rod And Auger**

1	One lot of drill casing from 60mm - 320mm		2000 m
2	One lot of drill rod from 2 3/8 API - 4 1/2 API		3000 m
3	One lot auger equipment 4" and 8 1/2"		100m
4	One lot of wireline casing BQ and NQ		300m

**Drilling Accessories and Tools**

1	Set of drilling tools and accessories		30 sets
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**Automotive Diagnostic System**

1	Global Information Technology	G-scan3	1 set
2	Caterpillar Diagnostic System	ET4	1 set
3	Cummins Diagnostic System	Inline 7	1 set

**Lathe Machine**

1	Boaji Universal lathe machine	C6163B	1 set
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**Milling Machine**

1	VAN vertical turret milling machine	YSM-16SS	1 set
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**Rebar Threading Machine**

1	Baoding Jindi threading machine	JBG-40T	3 sets
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#### 4WD Pick-up, Lorry and 4WD twin Cabin Pick up

1	Isuzu	Dmax 3.0T	5 sets
2	Isuzu	Dmax 2.5T	2 sets
3	Ford	Ranger XLT	2 sets
4	Mazda	Fighter B-2500	1 set
5	Mazda	Borneo B-2500	1 set
6	Toyota	Fortuner 2.8 VRZ	2 sets
7	Toyota	Hilux 2.8G AT	2 sets
8	Toyota	Hilux 2.5G AT	1 set
9	Toyota	Hilux 2.4G AT	2 sets
10	Toyota	Hilux 2.5G MT	1 set
11	Toyota	Hilux 2.8	1 set
12	Toyota	Hilux 2.5L	10 sets
13	Toyota	Dyna Hiace	1 set
13	Daihatsu	Delta	1 set
14	Mitsubishi Fuso Cargo Truck	FE83PG	1 set
15	Isuzu 4 x 4 Tipper Cargo Truck	NPS81UHH	4 sets
16	Nissan Dumper / Tipper	CW52H	1 set
17	Nissan Dumper / Tipper	CW53H	1 set
18	Nissan Dumper / Tipper	CW54H	1 set
19	Hino Dumper / Tipper	ZM500	1 set
20	Nissan Concrete Mixer Truck	CW53H	2 sets
21	Nissan Concrete Mixer Truck	CWB54L	1 set
22	Hino Concrete Mixer Truck	GD171B	1 set
23	Isuzu 3 Ton lorry crane	NPR72	1 set