

REQUEST FOR EXPRESSION OF INTEREST FOR PROVISION OF TOOLS AND INSTRUMENTS

REFERENCE NO.: CPP-PROC-TZ-065-0926-C1C4

China Petroleum Pipeline Engineering Co., Ltd. (hereinafter abbreviated as CPP) as Pipeline, Feederline & Above Ground Installation Contractor for the East African Crude Oil Pipeline (EACOP) Project invites experienced and reputable Contractors to express their interest in providing **Tools and Instruments** to the EACOP Project.

The EACOP Project involves the construction and operation of an underground and cross-border pipeline to transport crude oil for export to international markets. The pipeline will run from Kabaale, Hoima District in Uganda to the Chongoleani peninsula near Tanga in Tanzania. The length of the pipeline is 1,443 km, of which 1,147 km will be in Tanzania.

BRIEF DESCRIPTION OF THE SCOPE OF THE SERVICES:

- ♦ Instrument/Tool means various tools (Instruments) used in the production process. In the production process, the various standards and test methods used to test whether the product meets the quality requirements, as well as the various devices, instruments and tools used to test the safety production performance are all tools and Instruments. Please find attached (Appendix 3) for more details

MINIMUM REQUIREMENTS:

Companies or organizations expressing their interest are invited to document their request with:

- Proof of registration with the Tanzania Revenue Authority (TRA).
- Proof of registration/application to the EWURA Local Supplier Service Provider (LSSP) database at the time of submission of the response to this expression of interest is strongly recommended.
- Compliance with Petroleum (Local Content) Regulations, 2017, and Local Company definition for Tanzania.
- Fully filled Key personnel list with CV (Appendix 1) in requested format. (Blank is regarded as an unqualified item.)
- Similar project experience within the last three years (Appendix 2) in the requested format.
- Copy of certificates of ISO 9001, ISO 45001, ISO 14001, or equivalent of them.
- Deliver the goods in 2 weeks after signing the contract.
- Tax Clearance Certificate for the latest year available.

Companies which have the ability, capacity, and resources to implement the activities listed above should express their interest by sending together with the documents stated in the above section through an email to **supplierdata1@cpptz.com (Max. Email Size: 20 MBs, all documents must be submitted in the English language)** on or before **24:00 hours East African Time (EAT), on 11th October 2023. The subject of the email should be "EOI for CPP-PROC-TZ-065-0926-C1C4-COMPANY NAME". CPP reserves the right not to consider companies that submit an incorrect email subject and the incorrect format of Appendix 1, 2, and 3.**

The **format** of the required documents and **relevant technical requirements** which are mentioned in Minimum Requirements should be **downloaded from EACOP's website**

(<https://eacop.com/opportunities-by-main-construction-contractors/china-petroleum-pipeline-engineering-co-ltd/>).

Note: CPP will review and assess the documents provided by companies that have expressed interest in accordance with this EOI and conduct evaluations based on internal criteria to determine which companies will be included in the list of pre-qualified companies. Only the pre-qualified companies will receive, by signing a Non-Disclosure Agreement (NDA), an invitation to bid as a continuation of the call for tender process. CPP reserves the right at its sole discretion to make the decision to select or reject a company and maintain its decision.

APPENDIX 3 Basic Description and Requirement of Materials

S/N	Description	Specification	Basic Technique Requirement	Picture of Sample
1	hacking knife for ROW clearance	wood handle		
2	axe for ROW clearance	with handle		
3	Electric chain saw for ROW clearance	gasoline		
4	pick			
5	Protractor	500mm/wood		
6	Igniter for welding	battery		
7	nozzle cleaner (1 piece/Sets)			
8	rubber hammer	5.5cm		
9	tapeline	7.5m		
10	steel tapeline	50m		
11	Steel Rulers	1m		
12	LShaped Framing Square	250*500		
13	Cutting Torch	2#		
14	Acetylene cutting nozzle	G01-100 2#		
15	Cutting Torch	3#		
16	Propane cutting nozzle	3#		
17	Pliers	世达 6寸		
18	Needlenose Pliers	世达 6"		
19	flat file	12"*400mm		
20	electrode holder	500A		
21	electrode holder	300A		
22	Rotary Hammer	13mm		
23	Electric hand drill (battery)			
24	Scissors			
25	electrician's tools, Combination tools (52 pieces)	52 pieces		
26	Electric fuel pump	24V		
27	Rubber hose	1"*20m		
28	clamp			
29	Manual oil pump			
30	Metering refueling gun	/		
31	Metering type oil gun supporting tubing			
32	Hose	2 "		
33	Hose	4 "		
34	Hose	6 "		
35	Hose clips	2 "		
36	Hose clips	4 "		
37	Hose clips	6 "		
38	Hose quick connector	2 "		
39	Hose quick connector	4 "		

40	Hose quick connector	6 "		
41	Metal Chop Saw			
42	Crowbar	1500mm		
43	Crowbar	600mm		
44	Digital test pencil	62602		
45	Wire brush (with handle)	13×36		
46	Paint brush (wooden handle)	4 "		
47	Socket wrench (32 piece /Sets)	32 piece /Sets		
48	Sets of double ring spanner (11piece Sets)	14 piece /Sets		
49	double offSets ring spanner (23 piece /Sets)	23 piece /Sets		
50	Hook safety clip	5T		
51	Industrial hot air gun	220v、50Hz、2000w		
52	Wire stripper			
53	Tower scale	6m		
54	caulking injector			
55	die grinder	400W		
56	Internal grinding machine insert (18 piece /Sets)			
57	Internal grinding hole metal grinding head			
58	Carbon dioxide pressure reducer (mixture meter) (1 piece /Sets)	198CFG-50L-220		
59	Pressure reducing valve of standard gas flowmeter	copper 152A		
60	Ratchet wrench set	(38 piece /Sets)		
61	Electric soldering iron suit	60W		
62	Vertical steel plate lifting tongs	5T, JB/T7333-1994, 40Cr		
63	Claw hammer	145MM		
64	Neon bubble measuring electric pen			
65	Electrolyte specific gravity tester			
66	Hot melt glue gun	60W		
67	Glue stick			
68	Amphibious wrench	34MM		
69	Amphibious wrench	36MM		
70	Open end wrench	34MM-36MM		
71	Open end wrench	41MM-46MM		
72	Open end wrench	46MM-50MM		
73	Open end wrench	50MM-55MM		
74	Water pump pliers	8 "		
75	Car wash pump	QL-380A		
76	Automobile measuring pen	12V-24V		
77	Slide bar	10 "		
78	bent handle	10 "		
79	Universal strong magnetic suction rod			
80	brush	3 "		

81	Pull rivet gun		
82	Cotter pin	1.5*30	
83	Cotter pin	2*30	
84	Cotter pin	3*40	
85	Cotter pin	4*40	
86	Cotter pin	5*80	
87	Cotter pin	6*80	
88	Welding torch		
89	Hammer	4 pound	
90	Hammer	10 pound	
91	Sledgehammer	16 pound	
92	Cylinder wrench		
93	Wallpaper knife		
94	Wallpaper blade		
95	Hexagon Key Wrench(metric)	M2-12	
96	Hexagon Key Wrench(Imperial) (1 piece/Sets)	M2-12	
97	Heavy duty Allen wrench (10 piece /Sets)	metric	
98	vise	8 "	
99	Carp pliers	8 "	
100	wrench	10 "	
101	adjustable wrench	8"	
102	Adjustable wrench,18 " / 12 ",2/Sets	12"	
103	Adjustable wrench,18 " / 12 ",2/Sets	18"	
104	adjustable wrench	24"	
105	Slotted screwdriver	3*100mm, straight	
106	Slotted screwdriver	3*100mm, Phillips	
107	Slotted screwdriver	5*100mm, straight	
108	Slotted screwdriver	5*100mm, Phillips	
109	Slotted screwdriver	6"×200, Phillips	
110	Slotted screwdriver	8"×200, Phillips	
111	Slotted screwdriver	6*200, straight	
112	Slotted screwdriver	8*200, straight	
113	Slotted screwdriver	3*100mm, Phillips	
114	Slotted screwdriver	3*100mm, straight	
115	Flat port driver (core)	6*100	
116	Flat port driver (core)	8*200	
117	Plum blossom screwdriver (core)	6*100	
118	Plum blossom screwdriver (core)	8*200	
119	Pressure glue guns		
120	Clock screw driver (12 piece /Sets)	12 piece /Sets	
121	Dual purpose screw batch	6"	

122	Puller (number of claws can be converted)	4"		
123	Puller (number of claws can be converted)	8"		
124	Puller (number of claws can be converted)	12"		
125	Puller (number of claws can be converted)	14"		
126	Assorted down (10 piece /Sets)	10 piece /Sets		
127	Triangular file	8"		
128	Triangular file	10"		
129	Cabinet file	6"		
130	Round file	10"		
131	Scissors (sheet metal)			
132	Scissors			
133	Steel pliers			
134	Tap die Sets (32 piece /Sets)	32 piece /Sets		
135	Inner bend clamp spring pliers	7"		
136	Outer bend clamp spring pliers	7"		
137	Straight nose spring inside caliper	140		
138	Straight nose spring outer caliper	140		
139	Centralized oil pressure tool gauge (1piece /Sets)	23Y-96-02000		
140	Diesel cylinder pressure gauge (1 piece /Sets)	6BT		
141	Soldering iron	500w		
142	Soldering iron	70w		
143	Soldering iron	45w		
144	soldering tin	1.5mm/500g		
145	soldering paste	100g		
146	The mould (A Sets of positive and negative poles)			
147	Multifunction charging machine (1 piece /Sets)	12v-48v		
148	The battery clip	copper		
149	Hand tool box	17"		
150	3/4" hexagonal heavy duty socket wrench (1 piece /Sets)	公制 22、24、27、30、32、36		
151	The micro sleeve (46 piece /Sets)	46 piece /Sets		
152	nch sleeve (39 piece /Sets)	39 piece /Sets		
153	Heavy sleeve (26 piece /Sets)	26 piece /Sets		
154	An extended set of head	24		
155	T wrench	3#		
156	Hydraulic pliers	YQK-120		
157	Open end wrench	8-32mm		
158	Filter wrench			
159	Filter wrench			
160	Piston ring clamping			
161	Outside micrometer	75-100		
162	Outside micrometer	50-75		

163	Outside micrometer	100-125		
164	Inner diameter micrometer	100-160		
165	feeler gauge	0.02-1MM		
166	Kilograms wrench	0-300		
167	Manual torque wrench	70-350N/M		
168	Industrial hot air gun			
169	tongs	600		
170	tongs	300		
171	Vise on table	230MM, 8"		
172	Hacksaw	500mm		
173	Saw blade			
174	Grease gun			
175	Pedal oil gun			
176	Grease gun mouth			
177	Grease gun mouth			
178	Butter gun			
179	Butter gun extends hose	45CM		
180	Manual oiler			
181	Manual oil pump			
182	Flat punch	300MM		
183	dinking (9 piece /Sets)	9 piece /Sets		
184	Impact screw driver (8 piece /Sets)			
185	Air gun (long shaft with sleeve)	1100kg		
186	Air cannon (small with sleeve)	280kg		
187	Copper rod (red copper)	φ 40*100CM		
188	chisel	M14*20MM		
189	Riveting pig (8 piece /Sets)	8 piece /Sets		
190	Screw Extractor (40 piece /Sets)	40 piece /Sets		
191	blast pump	/		
192	Level ruler	100cm		
193	rame level	200mm		
194	100m rope	100m		
195	Aluminum alloy vertical ladder	2m		
196	Miter ladder	1.8m*5cm		
197	Telescopic ladder	6m		
198	Folding steel plate tRollsey	74*47cm*400kg		
199	Portable welding machine	MMA-3.2		
200	Twowheel tRollsey			
201	Geopipe bag			
202	Nozzle baffle	φ610		
203	Hotmelt machine	220v, 800w		

204	Percussion drill	GBH220	
205	edger	93452	
206	Trimmer blade	93453	
207	Trimmer blade	93454	
208	17#		
209	Angle grinder	φ125	
210	Angle grinder	φ150	
211	Straight Grinder(rechargeable)	φ125	
212	Portable Electrode Drying Oven	5kg, 200-300°C, CE	
213	hook for crane lifting	5T, CE	
214	U ring	T8, 2T CE+TBS	
215	U ring	T8, 5T CE+TBS	
216	U ring	T8, 10T CE+TBS	
217	U ring	T8, 20T CE+TBS	
218	U ring	T8, 30T CE+TBS	
219	Reverse chain	2T, CE	
220	Reverse chain	3T, CE	
221	Reverse chain	5T, CE	
222	Mechanical jack	25T, CE	
223	Hydraulic jack	20T, CE	
224	Hydraulic jack	10T, CE	
225	Hydraulic jack	5T, CE	
226	spade		
227	Flat head		
228	wooden sticks		
229	wooden sticks		
230	batter of Angle Grinder	φ 125	
231	Rechargeable electric hand drill battery		
232	quick coupling	Male and female, G1/2M	
233	High pressure hose	25m/P	
234	Wire rope clip	M4	
235	Stainless steel ball valve	high pressure	
236	Steel pipe cutting machines	355MM, GCO 14-24, 2400W	
237	Curve saw	GST 185-LI	
238	Hand drills	GSB 570 570w	
239	Tungsten electrode grinding machine	TS-PLUS	
240	Magnetic cutting machine	CG2-11	
241	Magnetic block drilling	DEWALT, DWE1622K, 50mm1200W	
242	Assembled racks	3m	
243	electric Rounder	1.3m*3mm	
244	nip machine	220V	

245	electric beading machine		
246	Manual bending machine	1.3m	
247	Car wash pump	QL-380A ,20m	
248	vacuum pump	ZX-1	
249	Laser centering instrument	CS-6	
250	Angle grinder	GWS 6-100	
251	Angle grinder	1400W, GWS14-150CI	
252	Angle grinder	GWS14-125CI, 1400W	
253	External clamp	325-377	
254	External clamp	406-478	
255	External clamp	508-559双边顶丝	
256	External clamp	ø610mm	
257	Angle grinder	GWS14-150CI, 1400W, 150mm	
258	Angle grinder	GWS 700, 125mm	
259	Angle grinder	φ 125	
260	Semiautomatic flame cutting machine	CG1-30	
261	Air compressor	220V-40L	
262	Ion cutting machine		
263	Sand blasting equipment		
264	Airless spraying machine	SF33PLUS	
265	mobile container		
266	container	40GP, 12.192*2.438*2.591m	
267	Welding rod drying box	ZYHC-200, CE	
268	Welding rod drying box	ZYH-15	
269	Welding rod drying box	ZYH-30	
270	Wire pendant	6m	
271	Steel Rulers	1000MM	
272	Steel Rulers	500MM	
273	Cutting Torch		
274	tapeline	10M	
275	tapeline	5M	
276	adjustable wrench	15"	
277	Adjustable wrench, 18 " / 12 ", 2/Sets	18"	
278	LShaped Framing Square	200*300mm	
279	LShaped Framing Square	400*600mm	
280	Torque wrench	300-600N/M	
281	Torque wrench	0-300N/M	
282	Slotted screwdriver	8x200mm, straight	
283	Slotted screwdriver	8x200mm, Phillips	
284	Gas cylinder car	40L	
285	Angle grinder	φ 125	

286	Hammer	4pound	
287	Heavy sleeve (26 piece /Sets)	26 piece /Sets	
288	flat file	12", 400mm	
289	flat file	4" *100mm	
290	flat file	12", 400mm	
291	Wallpaper knife		
292	double offSets ring spanner (23 piece /Sets)	23 piece /Sets	
293	Electric hand drill (battery)	GSB 185-LI, 2.0Ah	
294	Wire pendant	6m	
295	Coder	M11/ M1011	
296	wrench	7"	
297	Igniter for welding		
298	Soldering iron	60W	
299	Electric drill screwdriver bit bout		
300	Steel Rulers	1000MM	
301	Steel strip ruler	30m	
302	Steel strip ruler	50m	
303	Wire brush (with handle)	13×36	
304	Wire brush (with handle)	13×36	
305	Steel Rulers	500MM	
306	pick	85cm	
307	Cutting Torch	100	
308	Industrial electric fans	XG 650mm	
309	blowing machine	800w	
310	tongs	14"	
311	tongs	24"	
312	3m Steel tapemeasure 3m	10M	
313	3m Steel tapemeasure 3m	5M	
314	Attribution	300mm, 12"	
315	Attribution	600mm, 24"	
316	Adjustable wrench, 18 " / 12 ", 2/Sets	12"	
317	adjustable wrench	8"	
318	adjustable wrench	15"	
319	Adjustable wrench, 18 " / 12 ", 2/Sets	18"	
320	adjustable wrench	300mm, 12"	
321	adjustable wrench	375mm, 15"	
322	adjustable wrench	120mm	
323	Needlenose Pliers	6"	
324	scissors	200	
325	LShaped Framing Square	150x300mm	
326	LShaped Framing Square	200*300mm	

327	LShaped Framing Square	400*600mm		
328	Scaffolding wrenches	19MM/22MM		
329	Clamp pliers	8"		
330	Pull rivet gun	13"		
331	Slotted screwdriver	5*100mm, straight		
332	Slotted screwdriver	5*100mm, Phillips		
333	Slotted screwdriver	8*200mm, straight		
334	Slotted screwdriver	8*200mm, Phillips		
335	Cartridge line	15m		
336	Woodworking saw	500mm		
337	Allen wrench Sets (9piece Sets)	9piece Sets		
338	Allen wrench Sets (9piece Sets)	9piece Sets		
339	Allen wrench Sets (9piece Sets)	9piece Sets		
340	die grinder	GG5000L		
341	Straight Grinder(rechargeable)	GG518V-LI, 18V, 4Ah		
342	Pliers	6"		
343	LED flashlight (repeatitious)			
344	rap wrench	48607, 36mm		
345	rap wrench	48609, 41mm		
346	rap wrench	48610, 46mm		
347	rap wrench	48611, 50mm		
348	rap wrench	48612, 55mm		
349	rap wrench	48614, 65mm		
350	rap wrench	48617, 80mm		
351	rap wrench	QF3310-22 22mm		
352	rap wrench	QF3310-24 24mm		
353	rap wrench	27MM, 48505		
354	rap wrench	32MM, 48507		
355	rap wrench	36MM, 48509		
356	rap wrench	41MM, 48512		
357	rap wrench	46MM, 48515		
358	rap wrench	50MM, 48516		
359	rap wrench	55MM, 48517		
360	rap wrench	65MM, 48520		
361	rap wrench	80MM, 48523		
362	SLOGGING SPANNER (explosion)	36mm		
363	SLOGGING SPANNER (explosion)	50mm		
364	SLOGGING SPANNER (explosion)	55mm		
365	SLOGGING SPANNER (explosion)	65mm		
366	SLOGGING SPANNER (explosion)	80mm		
367	SLOGGING SPANNER (explosion)	32mm		

368	SLOGGING SPANNER (explosion)	34mm	
369	SLOGGING SPANNER (explosion)	36mm	
370	SLOGGING SPANNER (explosion)	46mm	
371	SLOGGING SPANNER (explosion)	50mm	
372	SLOGGING SPANNER (explosion)	55mm	
373	SLOGGING SPANNER (explosion)	65mm	
374	SLOGGING SPANNER (explosion)	80mm	
375	crowbar	23x1500MM	
376	crowbar	22x1000MM, 92554	
377	crowbar	(18x600MM), 92562	
378	Manual torque wrench	1/2", 350-700Nm	
379	Manual torque wrench	1/2", 0-300Nm	
380	Manual torque wrench socket sets	19MM, 09016	
381	Hand saw	12", 93402A	
382	chain block	5T, 3M, 97861	
383	chain block	2T, 3M, 97863	
384	Digital steel seal	8mm	
385	Digital steel seal	12mm	
386	Sets of double ring spanner (11piece Sets)	11piece Sets	
387	Level ruler	450MM/18", 91602	
388	Level ruler	1200MM/48", 91616	
389	Tap die Sets (32 piece /Sets)	32 piece /Sets	
390	Titanium coating on tap	45 piece /Sets	
391	iron hammer	16pound, 92346	
392	iron hammer	4pound, 92343	
393	iron hammer	1pound, 92306	
394	iron hammer	8pound, 92342	
395	Sheet metal shears	93104	
396	Iron bucket	8L	
397	shovelhandle	120CM	
398	shovelhandle	120CM	
399	nozzle cleaner (1 piece/Sets)	RC-122	
400	Copper hammer	12pound, 5.4kg	
401	Copper hammer	4pound, 92366	
402	Copper hammer	8pound, 31168	
403	Locker	BC9050	
404	Locker	45MM BC075L	
405	Rollser	2.5cm ² 16A, 50m	
406	Rubber hammer	1pound, 92912	
407	trolley	40L, M40BL	
408	Hydraulic expander	FSH-14	

409	Acetylene wrench		
410	Letters steel seal	8mm	
411	Letters steel seal	12mm	
412	Drill Bit (25 piece /Sets)	52400 , 10.0MM	
413	Drill Bit (25 piece /Sets)	52200 , 10.0MM	
414	Drill Bit (25 piece /Sets)	52220 , 12.0MM	
415	Drill Bit (25 piece /Sets)	52420, 12.0MM	
416	Drill Bit (25 piece /Sets)	14mm	
417	Drill Bit (25 piece /Sets)	16mm	
418	Drill Bit (25 piece /Sets)	18mm	
419	Drill Bit (25 piece /Sets)	20mm	
420	Drill Bit (25 piece /Sets)	52150 , 5.0MM	
421	Drill Bit (25 piece /Sets)	52160 , 6.0MM	
422	Drill Bit (25 piece /Sets)	52360 , 6.0MM	
423	Drill Bit (25 piece /Sets)	52180, 8.0MM	
424	Drill Bit (25 piece /Sets)	52380 , 8.0MM	
425	Drill Bit (25 piece /Sets)	52390 , 9.0MM	
426	Bit titanium plating	52365 , 6.5MM	
427	Steel plate clamp	5T	
428	Steel plate clamp	5T	
429	steel tapeline	3m	
430	steel tapeline	5m	
431	steel tapeline	50m	
432	Steel Rulers	1000mm	
433	Steel Rulers	150mm	
434	Cutting Torch	G-100	
435	carbon arc gouging	800A	
436	LShaped Framing Square	500×250mm	
437	feeler gauge	0.02-1.00MM	
438	Scaffolding wrenches	19MM/22MM	
439	scaffolding tube	Ø48.3×3.6mm×6m	
440	Swivel coupler		
441	Sleeve couple	straight	
442	Double coupler	Phillips	
443	Skirtboard	2m*0.25m*1.5mm	
444	Board	2m*50mm*200mm	
445	Cabinet file	6"	
446	Wallpaper knife		
447	caulking injector		
448	Rechargeable electric scissors,	4cm	
449	Electric hand drill (battery)	05808A	

450	Rechargeable flashlight		
451	Sledgehammer	12P	
452	shovelhandle	1.8m	
453	Unilateral plane blade		
454	Static mixer kit		
455	Steel Rulers	30cm	
456	hacksaw		
457	3m Steel tapemeasure 3m	5m	
458	Wire brush (with handle)		
459	Hexagon Key Wrench(metric) (1 piece/Sets)	M2-12	
460	tongs	450mm	
461	tongs	300mm	
462	Adjustable wrench, 18 " / 12 ", 2/Sets	12"	
463	Adjustable wrench	8"	
464	Needlenose Pliers	6"	
465	scissors		
466	Open end wrench	8-32mm	
467	Sets of double ring spanner (11piece Sets)	8-32mm	
468	Carpenter's chisel	6"	
469	spray can		
470	Flat port driver (core)	400mm	
471	crowbar	1500mm	
472	crowbar	600mm	
473	Escape ladders	2m	
474	Slotted screwdriver	6"×200, Phillips	
475	Slotted screwdriver	8"×200, straight	
476	hammer	4pound	
477	Hand drills		
478	Scissors (sheet metal)		
479	Rubber hammer	1pound, 92912	
480	Slotted screwdriver	3*100mm, straight	
481	Slotted screwdriver	5*100mm, straight	
482	Hexagon Key Wrench(Imperial) (1 piece/Sets)	M2-12	
483	Round file	10"	
484	electric circular saw	4	
485	Propane liquefied gas heating torch	50cm	
486	belt tightener	10cm*10*10T	
487	belt tightener	5CM*5M	
488	shovelhandle		
489	pick		
490	Tool bag		

491	Warehouse shelves signs	8.8*10	
492	Storage Box	510x345x185mm	
493	stainless Double Ended Twist Drill		
494	Sharp shovel head		
495	Flat shovel head		
496	wooden sticks		
497	Rubber flat brooms		
498	Digital test pencil	62602	
499	Distribution box	63A2*2+250A+3100A+63A*3	
500	Sling	2T*2m, CE	
501	Sling	5T*4m, CE	
502	Steel Wire Rope Sling	Φ21.5mm×4M, CE	
503	U ring	3T, CE+ TBS	
504	U ring	5T, CE+ TBS	
505	Laser level	CE	
506	Sling	2T*2m, CE	
507	Sling	5T*3m, CE	
508	Steel Wire Rope Sling	Φ11mm×3M, CE	
509	Steel Wire Rope Sling	Φ15mm×4M, CE	
510	Steel Wire Rope Sling	Φ19.5mm×6M, CE	
511	Steel Wire Rope Sling	Φ32.5mm×4M, CE	
512	Steel Wire Rope Sling	Φ32.5mm×8M, CE	
513	Portable Electrode Drying Oven	5kg, 200-300°C	
514	Mechanical jack	10T, CE	
515	Hydraulic jack	32T, CE	
516	Hydraulic jack	5T, CE	
517	Hydraulic wrench (pump)	EMP-204	
518	Hydraulic wrench (head)	2KLCD, 36-55	
519	Hydraulic wrench (head)	4KLCD, 46-80	
520	Hydraulic wrench (head)	14KLCD, 80-115	
521	Hydraulic wrench (head)	30KLCD, 95-145	
522	Hydraulic wrench (head)	60KLCD, 135-180	
523	Electric hoist	20t*5m, CE	
524	thermostat	5kg, CE	
525	jack	10t, CE (automatic)	
526	jack	20t, CE (automatic)	
527	chain	2t*6m, CE	
528	chain	5t*6m, CE	
529	Oil barrel	30L	
530	Oil barrel	200L	