[2020]-12929

HBCZ-20120716-201593

2020

2 0 2 0　　0 8

1.

2.
3.
4.

5.
6.
7.

8.
9.
10.
11.
12.
13.
14.
15.
16.
17.
18.

19.
20.
21.
22.

23.
24.
25.
26.
27.
28.

29.
30.
31.

1

2

3.
4.

1.
2.
3.

2020 “ ”

2020 09 15 09 30

[2020]-12929

“ ” “ ”

1. HBCZ-20120716-201593
2. 2020
3. 3

				/				
1	1		1	143	3			
			1					
2	1		1	83	60	5		
			1					
			1					
	2	HPLC	1		3	2		
			1					
3	1		1	104	3	1		
			1					
	2		1		60	5		
			1					
			1					

“ ” “ ”

:

yuewane@163.com

1

(1)

(2)

(3)

(4)

(5)

(6)

2

3 “ ” (www.creditchina.gov.cn)

“ ” www.ccgp.gov.cn

4 3

5

6

7

1 (

1. 2020 08 25 2020 08 31 8 30 12 00 14

00 16 30

2. 1 2

B 7 2 /

3. 300 /

4.

1

1)

2)

3)

4

2 /

1 /

“ ”

1 -4 yuewane@163.com 4

Word

/

2 16:30

3

10 1007

2020 09 15 09:30

1

10 1007

2 B 10

2020 09 15 09:30

2020 08 25 2020 08 31 5

572976591978

027-87311206

368

027-88661921

430071

2 B 7-10

18164016556

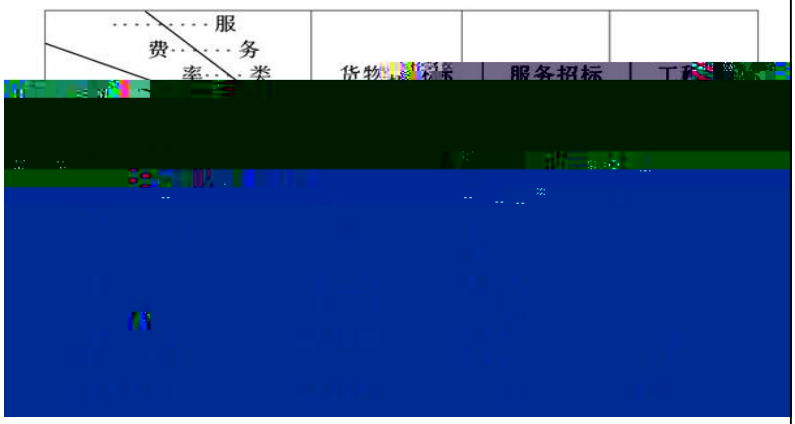
027-87816666-8659

/

yuewane@163.com

1)	
2)	
3)	
4 Word	
5	

“ ” “ ”

2.1		
2.2		
2.3		
4.2		2003 857 2002 1980 50% 招标代理服务收费标准  7 yuewane@163.com 572976591978 027-87311206
6.2		_____ _____

7.2		10:00 PDF Word yuewane@163.com 17:00
9.2		
10.4		□ ■
11.2		
12.1		■ □ /
13.1		■ □
14.1		1 (1) “ ” “ ” “ ” “ ” (2) (3)

[illegible]

2019 1

2019 1

1

1

2

		7
15.1		1
16.1		
17.1		90
18.1		Word PDF
19.4		
20.1		
23.1		
24.1		5 5
24.3		
29.3		
31.1		
		: Word PDF yuewane@163.com PDF 027-87316021 2 B 7-10

		94

1.

2.

2.1 “ ”：

2.2 “ ”：

2.3 “ ”：

2.4 “ ”

1)

2)

3)

2.5 “ ”

3.

3.1 “ ”

3.2 “ ”

3.3 “ ”

4.

4.1

4.2

5.

5.1

1)

2)

3)

4)

5)

6)

7)

6.

6.1

6.2

7.

7.1

7.2

7.3

( ) 24

7.4

( )

24

7.5

7.6 15

8.

8.1

8.2

9.

9.1

9.2

10.

10.1

10.2

10.3

“ ” “ ” “ ”

10.4

10.5

10.6

11.

11.1

11.2

11.3

11.4

11.5

12.

12.1

12.2

12.3

13.

13.1

13.2

13.3

14.

14.1

14.2 14.1

14.3

15.

15.1

16.

16.1

16.2

16.3

16.4

16.5 5

5

16.6

1

2

3

4

5

6

17.

17.1

17.2

18.

18.1

18.2 “ ” “ ”

18.3

18.4

19.

19.1

“ ” ”

19.2

“ ”

19.3

19.4

20.

20.1

21.

21.1

22.

22.1

22.2

22.3

23.

23.1

23.2

23.3

23.4

23.5

23.6

24.

24.1

24.2 1

24.3

24.4

25.

25.1

25.2 3

25.3 14

25.4

26.

26.1

“ ”

27.

27.1

27.2

28.

28.1

28.2

28.3

29.

29.1 2

29.2

29.3 5

29.4 2

29.5

30.

30.1

31.3

31.

31.1 30

31.2

31.3

31.4

31.5 2

31.6 7

7

7

15

/

1

1		1 10KN ≥ 1700mm ≥400mm 2 0.001 2100mm/min 3 ≤ ±0.1% 4 ≤5nm 5 ≤ ±0.01mm 0.05% 6 ≥5000Hz 1/1000 100% ≤ ±0.5% ASTM E83 BS 3846 ISO 9513 EN 10002-4 7 ≥300% 21 8G 128G 6 USB 3 8	1	

ISO EN JIS DIN ASTM GB

9

1 10KN 1KN 50N y

			4	50N	1		
			5		2		
			6		1		
			7	21 25	1		
			8		1		
			9		1		
			10		1		
			11		1		
			12		2		
			13	30KN	1		
			14		2		
			15		2		
			16	1KN	1		
			17	1KN	1		
			18	1KN	1		
			19	1KN	3		
			20	100N	1		
			21	100N	1		
			22		1		
			23	90	1		
			24	150mm	1		
			25	50mm	1		
			26	50L	1		
			27		1		
			28		1		
			29		1		
			30	10kVA UPS	1		
			31		1		
		4G 1T 23 WINDOUS10 28 “ ” http://www.ccgp.gov.cn/search/jnqdchaxun.htm				1	

1.

3

2.

48

5

2

12 48

3.

4.

5.

5%

10

6.

		2.5.2 HF 25% 2.5.3 HF 25% 2.6 SCS 2.7 2.7.1 2.7.2 ≥60000 2.7.3 Windows 7 2.7.4 21CFR Part 11 2.8 2.8.1 1 2450MHz 2 1800W 1000W ≥8 \ 3 316L ≥3mm **4** **AUTO-POP** 5 \ 6 0-350 , ±0.1 ±1 **7** **0-15MPa (2200psi) ±0.01MPa ±0.1MPa** **8** **(Safety Bolt)** “ ” **9** **360°** **Uni-Turn 360** **10** **50** 11		

12
13 15 200
60

2.8.2 MP-100
1 **8**
2
3 **Xtra Fiber**
10000psi **600**
PEEK
4 TFM
5 100ml
6 15 MPa (2200psi)
7 **5.0MPa (800psi)**
8 300
9 250

2.8.3
MDS-6G SMART / 1
1 1
1
MP-100 6
1
6
TFM 6
8 1
12 1
1
1
1

2.8.4
ISO9001
2.9
2.9.1 RSD≤1.0%
2.9.2 4 RSD≤2.0%
2.9.3

	Zn	Ni	Mn	Cr	Cu	Ba
nm	213.856	231.604	257.610	267.716	324.754	455.403
(μg/L	0.3	0.6	0.01	0.3	0.4	0.05

3
3.1 1
3.2 1
3.3 1
3.4 1
3.5 1

3.6			2
3.7			2
3.8			2
3.9			1
3.10			1
3.11			1
3.12			1
3.13		1mL/min	1
3.14			1
3.15	12	4	1

		2.3.2 +10 -85 2.3.3 6 4.6x 300mm 2.3.4 : ±0.1 C **2.4** 2.4.1 190~700nm 2.4.2 ±1nm 2.4.3 AU $\pm 0.25 \times 10^{5}$ 2.4.4 $<1 \times 10^{4}$AU/h 2.4.5 5 50 **2.5** 2.5.1 ≥60mm 220-2600nm 2.5.3 PMT/InGaAs/PbS **2.6** : 2.6.1 32 , , , WIN2000 XP 2.6.2 WINDOWS 2.6.3 , , 2.6.4 RS-232 , HUB 2.6.5 , , E-mail PDF 2.6.6 **2.6.7** CPU i5-7100 3.9GHZ DDR4 8GB 1TB 7200 23		
	A4 A4	A4 **http://www.ccgp.gov.cn/search/jnqdchaxun.htm**		

1.

60

HPLC 60

2.

3.

(1)

5

1-2

12

2

(2) **HPLC**

2

12

3

4.

5.

6.

5%

10

1. .
1.1. 15° C-35° C
1.2. 5-95%
1.3. 220V ± 10%

2.
2.1 EPC **≤0.001psi**
psi
3
)
2.2 4
2.3 EMF 30
2.4 < 0.008% < 0.0008
2.5 < 0.5% RSD
2.6 ≥7 ,

/ ,

2.7

1

2.8 **IP**

3.
3.1. 20 21
3.2. 4min 450 ° C 50 ° C
3.3. **120 ° C/min** **1800 ° C/min**

3.4. **13.8L**

4.
4.1.

		5.4 **106-200° C** 5.5 10 fg OFN 99% 5.6 5.7 0-315mA 5.8 ≥ 250L/s 6. TCD 6.1 ≥400 °C 6.2 ≤400 pg /mL 6.3 105 **6.4** 7. FID 7.1 ≥ 425 °C **7.2 < 1.2 pg /s** 7.3 107 **7.4 ≥1000 Hz** 8. **8.1 16 2ml** **≥166 2ml (166** **)** 8.2 10ul min 9. 9.1 9.2 SIM/SCAN SIM SIM/SCAN 9.3 10. (1) 1 (2) TCD FID 1 (3) 1 (4) 1 (5) 1 (6) 1 (7) 1 (8) BTO 50 (9) 0 10 (10) 10 (11) 500 (12) HP-PLOT/Q 1 30m 0.53mm 40um DB-5ms 30m 0.25mm		

		0.25um (13) 1		
		1 i7,16G 1T win10 http://www.ccgp.gov.cn/search/jnqdchaxun.htm	1	
2		1 2 3 3.1 3.2 190-900nm +/- 0.2nm 3.3 ≥1800 /mm 3.4 : 0.2-1.2nm **3.5 8** 3.6 3.7 3.8 Mn 279.5 –279.8 279.5nm 30%( ) 3.9 CCD 4 4.1 10cm 4.2 Pt/Rh 4.3 4.4 4.5 4.6 4.7 Cu 0.035 mg/L 0.005 mg/L RSD 0.5% 4.8 4.9 150Hz 5 **5.1** **5.2 3000** 5.3 3000 / 5.4 5.5 5.6 5.7 Cd 0.01 ug/L Cd (2ppb)RSD	1	

2%

5.8

5.9	Al	≤0.25ug/L	≥0.999

1.

3

60

2.

3.

(1)

1

2

12 48

2

5

1-2

7

12

2

4.

5.

6.

5%

10

/

2.1

200 40000
20 5000
5 1000
5 1000

1000 40000
300 2000
20 300
20 300

2019 18 /

2019 19 /

2019 16

http://www.ccgp.gov.cn/search/jnqdchaxun.htm /
http://www.ccgp.gov.cn/search/hbqdchaxun.htm

		8 6 4 2 ,	
		3 2 1	3
		1 4	4
		10 1	1
		1 2	2
		2016 1 1 1 10 1	10
		3	3
		3 2 1 0	3
		/ × × 100 30%	30

2

		36 18 32.4 1.8 1 2 3.6 1.8	36
		8 6 4 2 ,	8
		3 2 1	3
		1 4	4
		10 1	1

		1 2	2
		2016 1 1 1 10 1	10
		3	3
		3 2 1 0	3
		/ × × 100 30%	30

3

		36 17 2 2	36
		8 6 4 2 ,	8
		3 2 1	3
		1 4	4
		10 1	1
		1 2	2
		2016 1 1 1 10 1	10
		3	3
		3 2 1 0	3
		/ × × 100 30%	30

3.4.1		
3.4.2		1 2 3 3 “ ” 3.4.2 3
3.4.3		

1.

22 ⅔%

3.4

“ ”

2.

2.1

2.2

2.2.1 6

3.1.3

3.1.4

3.1.5

3.2

3.2.1

3.2.2 “ ”

3.2.3 = + +

3.3

3.3.1

3.3.2

3.3.3

3.1.5

3.3.4

3.4

3.4.1

3.4.2

3.4.3

3.4.4

_____ “ ” _____ “ ”

_____

1. “ ”

2.

3. _____

4.

4.1

4.2

4.3_____

4.4

4.5

4.6

4.6.1

4.6.2

4.6.3

4.6.4

5.

6.

_____

7.

_____

8.

_____

9.

_____

10.

_____

11.

_____

12.

13.

_ _ _ _ _ _

_

14.

( ) ( )

/

1.

1.

2. /

1.

2.

3.

4. 90

5.

6.

7.

/

2.

	3

1.

2. ǿ Ê ɠ Å ŋ̣̀ يخ " ش ɠ هج ƥ ל

3.

_____

_____

1									
2									
3									
4									
5									
6									
……	……	……							

1.

2. “ ”
3.
4.

_____

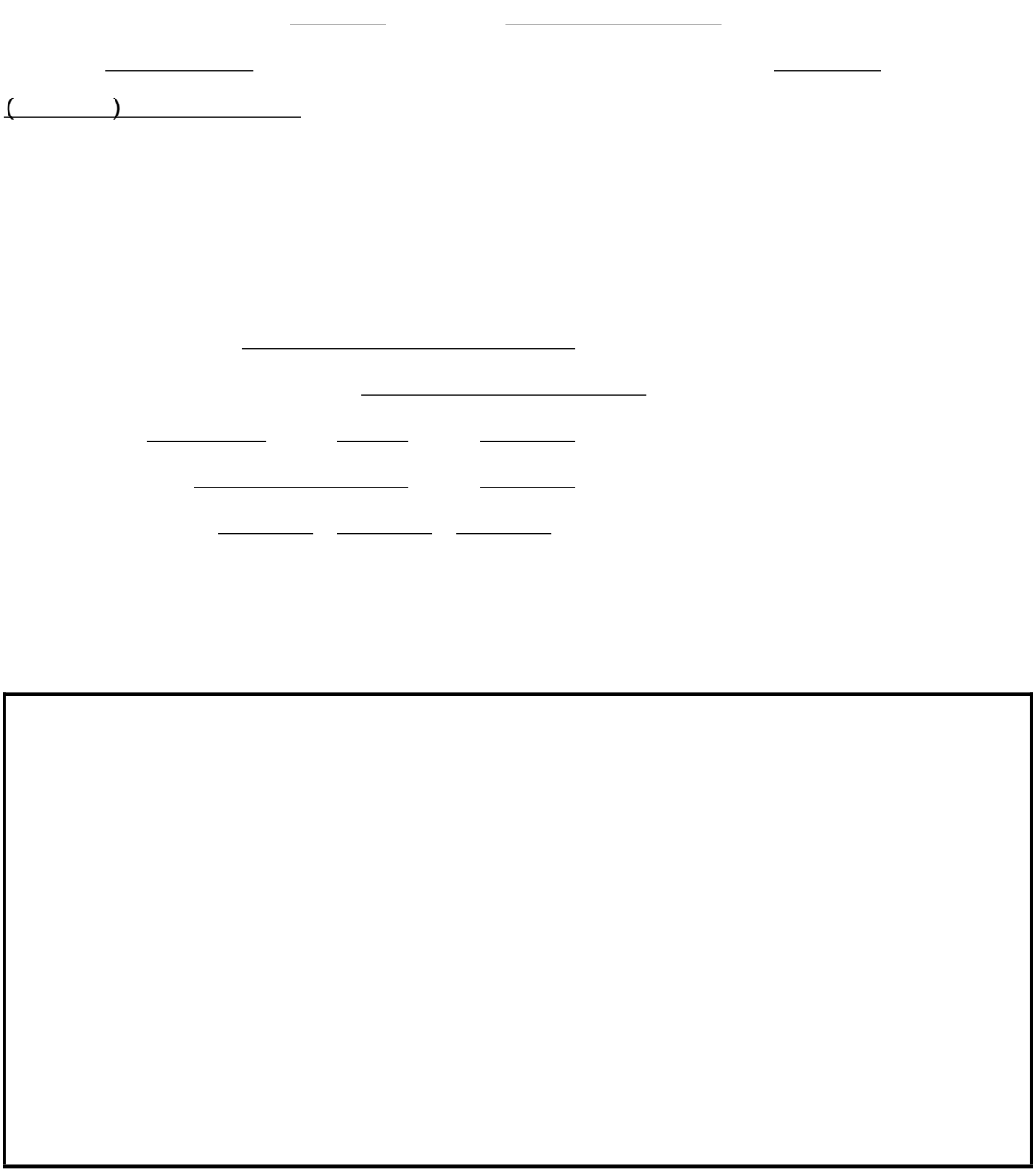
_____

_____ _____ _____

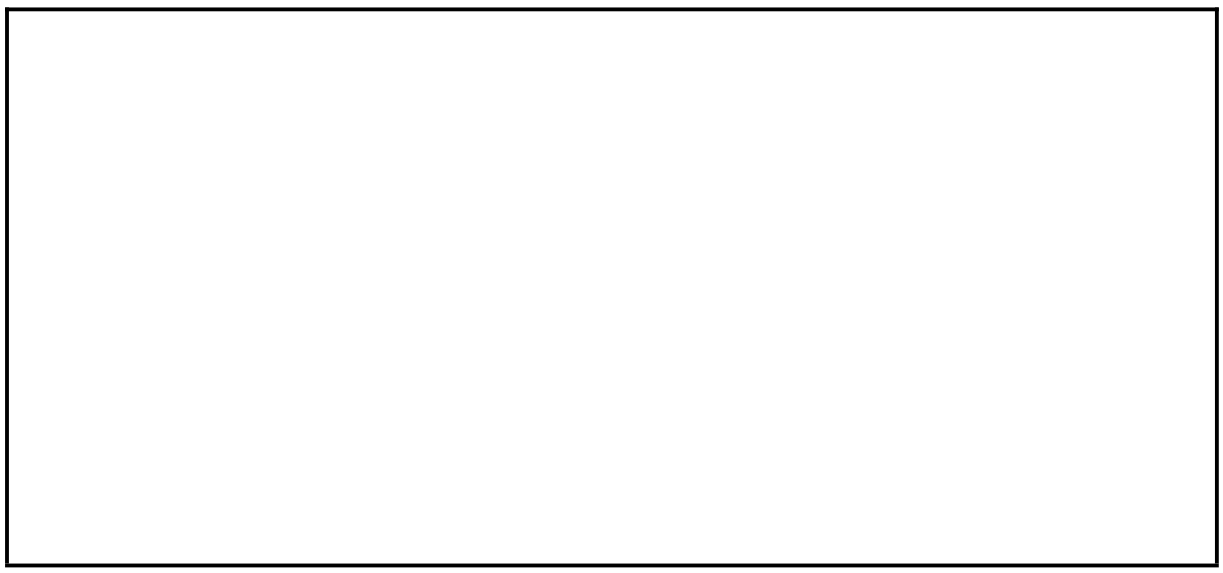
4.

1			
2			
3			
4			
5			
6			
7			
8			
…			

5.



6.



1)

2)

1		
2		
3		
……		
1		
2		
3		
……		

1

14.1

2

1.

1)

1

2

3

4

5

6

7

8

9

1

2

3

4

2

1

2

3

2.

1

2

……

3.

1.
2.
3.

3

_____

_____

_____ _____ _____

/

				/
1				
2				
3				
…				
1				
2				
3				
…				

1 “ ” “ ” “ ”

/

/

“ ” “ ”

2

_____

_____

_____ _____ _____

1.

1 1

2 2

3 ……

2.

1.		
2.		
……		

1

2

1.

2.

……

3.

……

4.

1.

1.

[2011]181

_____

1.

[2011]300 _____

2. _____ _____

_____ _____

/__

2019 2019

1	
2	
3	
……	

_____

_____ _____ _____

2.

2017 141

_____ _____ _____ _____

/

_____

_____ _____ _____

25% 25%

10 10

1 8

3.

/

/

1

2 /

3

%

1 %

2 %

n: %

/ %

3

4

5

/