

## **INVITATION TO SUBMIT TECHNICAL AND COMMERCIAL OFFERS**

### **Product Supply Services**

We hereby invite qualified and experienced companies to submit their technical and commercial proposals for the provision of product supply services in accordance with the scope of work outlined below.

### **Scope of Work**

The scope includes, but is not limited to, the supply of equipment and tools required for drilling operations. This may include casing accessories, cementing tools, wellhead components, and other related products necessary for the execution of exploration and re-entry well programs in the designated operational area.

### **Product Categories**

Based on the technical appendix, the required product categories may include:

- Casing accessories (centralizers, float shoes, float collars, etc.)
- Cementing tools and additives
- Wellhead components and control equipment
- Downhole tools and miscellaneous drilling accessories

### **Submission Guidelines**

Interested companies are requested to submit their technical and commercial proposals in sealed envelopes waxed in red. The submission must include:

- Technical offer detailing product specifications and compliance
- Commercial offer including pricing and delivery terms
- Delivery timeline and warranty information
- Compliance with Libyan standards and operational requirements
- Deadline for submission: within FIVE (5) days from the date of this announcement

### **Important Notes**

Pricing details must be confined to the commercial offer only.

**SPECIFICATIONS OF EQUIPMENT AND SERVICES PROVIDED BY THE  
SUBCONTRACTOR**

**4.2.13 PRODUCTS PROVIDED BY THE SUBCONTRACTOR**

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## **PRODUCTS PROVIDED**

Casing Equipment for two well and ReEntry						
1	Stab in Shoe	20", 94#, BTC	ea	1	1	2
2	Stop Collar	For 20" casing	ea	10	-	15
3	Centralizer	For 20" casing	ea	10	-	15
4	20" Top Plug	Contingency	ea	1	-	2
5	Guide Shoe	13 3/8", PDC drillable	ea	1	1	2
6	Float Collar	13 3/8", PDC drillable	ea	1	1	2
7	Centralizer	13 3/8" Bow Type	ea	30	-	60
8	Centralizer	13 3/8" Rigid Type	ea	10	-	20
9	Stop Collar	As per Contract	ea	35	-	70
11	Cementing plugs	Top Plug for 13 3/8" – 61# casing	ea	1	1	2
12	Cementing plugs	Bottom Plug for 13 3/8" – 61# casing	ea	1	1	2
13	API Drift	Drift for casing 13 3/8", 61#, K55	ea	1	-	1
14	Guide Shoe	9"5/8, 47#, N80, VAM TOP or NEW VAM or HSC Connection. PDC drillable	ea	1	1	2
15	Float Collar	9"5/8, 47#, N80, VAM TOP or NEW VAM or HSC Connection. PDC drillable	ea	1	1	2
16	Centralizer	9"5/8 Bow Type	ea	50	-	100
17	Centralizer	9"5/8 Rigid Type	ea	15	-	30
18	Stop Collar	For centralizers	ea	65	-	120
19	Cementing plugs	Top Plug for 9 5/8" casing	ea	1	1	2
20	Cementing plugs	Bottom Plug for 9 5/8" casing	ea	1	1	2
21	Float Shoe	7", 29#, P110, VAM TOP or NEW VAM or HSC	ea	1	0	3
22	Float Collar	7", 29#, P110, VAM TOP or NEW VAM or HSC	ea	1	0	3
23	Landing Collar	For 7" 29# casing	ea	1	0	3
25	7" Liner Hanger System	Including hanger, RT, PBR, top packer and accessories	ea	1	-	3
26	Compound	For casing	Pail	4	-	30
27	Thread lock	For casing	Can	1	0	12
28	Nails	For centralizers and stop collars	Lot	Lot	-	10 Lot

#### 4.2.13.1. Costs Equipment List per Section and type

section	Well 1,2					
	The equipments to be requested for the next two (02) wells					
	N°	Description	Sub Description	quantities	Unit Prices US\$	Cumulative cost US\$
<b>20"</b>	1	Stab in Shoe	20", 94#, BTC	2		
	2	Compound	For casing	6		
	3	Thread Lock	For Stab in Shoe	3		
	4	Stop Collar	For 20" casing	25		
	5	nails	For 20" casing	25		
	6	Cement Stinger	Stinger w/ spare set of seals (O-Rings) preferably with 4"1/2 IF box	1		
	7	20" Top Plug	Contingency	2		
<b>13"3/8</b>	8	Guide Shoe (casing shoe)	13 3/8", PDC drillable	2		
	9	Float Collar	13 3/8", PDC drillable	2		
	10	Compound	For casing	8		
	11	Thread Lock	For casing	3		
	12	Centralizer	13 3/8" Bow Type	60		
	13	Centralizer	13 3/8" Rigid Type	20		
	14	Stop Collar	for casing 13-3/8"	20		
	15	Nails	for casing 13-3/8"	3		
	16	Cementing plugs	Top Plug for 13 3/8" – 61# casing	2		
	17	Cementing plugs	Bottom Plug for 13 3/8" – 61# casing	2		

9"5/8	18	Guide Shoe (casing shoe)	9"5/8, 47#, N80, VAM TOP or NEW VAM or HSC Connection. PDC drillable	2		
	19	Float Collar	9"5/8, 47#, N80, VAM TOP or NEW VAM or HSC Connection. PDC drillable	2		
	20	Dope (compound)	For casing	9		
	21	Baker Lock	For casing	2		
	22	Centralizer	9"5/8 Rigid Type	100		
	23	Centralizer	9"5/8 Rigid Type	30		
	24	Stop Collar	For centralizers	130		
	25	Nails	For centralizers and stop collars	5		
	26	Cementing plugs	Top Plug for 9 5/8" casing	2		
	27	Cementing plugs	Bottom Plug for 9 5/8" casing	2		
	28	Ring Gaskets	RX-57 (for 13"5/8-3K)	2		
7"	29	Float Shoe	7", 29#, P110, VAM TOP or NEW VAM	2		
	30	Float Collar	7", 29#, P110, VAM TOP or NEW VAM	2		
	31	Landing Collar	For 7" 29# casing	2		
	32	7" Liner Hanger System	Including hanger, RT, PBR, top packer	2		
	33	Compound	For casing	2		
	34	Thread lock	For casing	2		

	35	Centralizer	7" Rigid type	50		
	36	Stop Collar	For centralizers casing 7"	100		
	37	Nails	For centralizers and stop collars	2		
4"	38	Float Shoe	4" ½, 13.5#, P110, PC ISO 13679 CAL III	2		
	39	Float Collar	4" ½, 13.5#, P110, PC ISO 13679 CAL III	2		
	40	Landing Collar	4" ½, 13.5#, P110, PC ISO 13679 CAL III	2		
	41	4-1/2" Liner Hanger System	Including hanger, RT, PBR, top packer	1		
	42	Compound	For casing	1		
	43	Thread Lock	For casing	2		
	44	Centralizer	4" ½ Rigid	60		
	45	Stop Collar	For centralizers	120		
	46	Cementing Wiper plugs	Cementing Wiper Plug (13.5# casing) and Drill pipe wiper dart (5+3 ½" DP)	2		
	49	CrossOver	9 5/8" Crossover BTC/Special connection	6		
	50	CrossOver	7" Crossover BTC/Special connection	6		
	52	Bridge Plug,	7", 17-35 Mechanical set or electrical	14		
	53	Bridge Plug,	9 5/8", 29.3-58 Mechanical or electrical	2		

54	Cement Retainer	9 5/8", CR, 29.3-58, Mechanical	2		
55	Cement Retainer	7", CR, 17 - 35, Mechanical or electrical	2		
56	Cement Retainer	5", 11.5-20.8, Mechanical	2		
<b>Total Cost By company</b>					

Reentry Well					
N°	Description	Sub Description	Total		
1	Float Shoe	7", 29#, P110, BTC	1		
2	Float Collar	7", 29#, P110 BTC	1		
3	Landing Collar	For 7" 29/32# casing NEW VAM	1		
	Liner Hanger System	Including hanger, RT, PBR, top packer and accessories			
5	Compound	For casing	4		
6	Thread lock	For casing	1		
7	Centralizer	7" Rigid type	30		
8	Stop Collar	For centralizers	30		
9	Nails	For centralizers and stop collars	2		
10	Bridge Plug	7", 17-35 Mechanical set	6		
11	Cement Retainer	7", 17-35, Mechanical set	1		
12	Cement Retainer	4-1/2 ", CR, Mechanical or electrical set 11.5-20.8	1		
<b>Total Cost By company</b>					
<b>Tota project Cost</b>					