

Tender book for supply subsurface sucker rod pump

ITEM - 1 : Subsurface sucker rod pump according to A . P . I specification 11 A X

QTY = 30 set

With designation as the following :

Type (30 - 250 - R - W - A - M)

- Barrel length : 24 ft

Plunger length : 4 ft

ITEM - 2 : Seating nipple mechanical upper lock with 3 1/2 " - EUE - 8 RD

QTY = 20 PCS

At two ends .

ITEM - 3 : Seating nipple mechanical upper lock with 3 1/2 " - NUE - 10 RD

QTY = 10 PCS

At two ends .

ITEM - 4 : Spare Parts For Pumps

item	Description	QTY
1	Barrel	30 - 250 - RWAM
2	Bushing valve rod API sucker rod pin thread	20
3	Bushing barrel cage	20
4	Cage top plunger	20
5	Cage , closed plunger	20
6	Cage , closed barrel	20
7	Guide valve rod	20
Nipple , Seating , Mechanical Top Lock :		
8	Upper half shoe (8 RD - 10 RD)	10 + 10
	Seat lock	20
	Lower half shoe (8 RD - 10 RD)	20
9	Plug seat	10 + 10
10	Plunger grooved	20
11	Rod valve	20
Seating assembly , Mechanical top lock :		
12	Mandrel top lock	20
	Seating ring	20
	Spring , top lock	20
	Adapter bushing	20
13	Traveling valve (ball and seat)	20
14	Standing valve (ball and seat)	50
		50

NOTES:

- 1 The pumps should be equipped with bushing valve rod upper end 7/8" – 10 RD thread
- 2 The pumps should be designed for Max . Working pressure Not Less Than 220 Bar .
- 3 The pumps should be designed for resistant .
A – extreme corrosion for salt water , H2S and CO2 according to (NACE std MR – 01 – 76) .
B – extreme abrasion .
- 4- Barrel material : chrome plate on 4/6 chrome steel .
- 5- Plunger material : spray metal with nickel / copper alloy ends (grooved) .
- 6- (Ball and seat) material : tungsten carbide .
- 7 Valve rods and fitting material : stainless steel .
- 8- The bidder shall provide necessary catalogues for operation , maintenance and Spare parts list at the shipment .
- 9 Material should be new not renew . .
- 10 –Valid API 11 AX and ISO certificate should be enclosed with the offer .
- 11 Chemical analysis for materials .