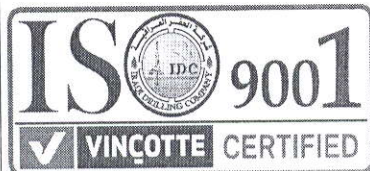




Item	Description	Unit	Qty
20 3/4" x 3000 psi BOP STACK			
1.	-20 3/4" X 3000 PSI RX-74,annular BOP ,TOP studded ,bottom flanged , ring groove lined with nickel-based 625 alloy (c/w packing element) API 16A T-20, Temperature Class PU.	NOS	1
2.	-20 3/4" X 3000 PSI RX-74 double RAM BOP ,top & bottom flanged 21 1/4" x 5000 psi ring groove nickel - based 625 alloy , large bore shear bonnet including tandem booster on lower cavity , capable to shear 5" D.P grade S ,wt 25.6 lb/ft. w/manual locking screws with four side outlet 4 1/16" x 5000 psi flange . ring groove lined with nickel-based alloy , with all Accessory material body 4130 and bonnets W/OPQ complete API 16A 3 RD T-20, Temperature Class PU.	NOS	1
3.	20 3/4" x 3000 psi RX-74 single RAM BOP , top & bottom flanged , 20 3/4" x 3000 psi ring groove lined with nickel-based alloy with two side outlet, 4 1/16" x 5000 psi flanged . W/standard Acc, less Ram API 16A T-20, Temperature Class PU.	NOS	1
4.	-20 3/4" x 3000 psi RX-74 mud cross (drilling spool), top & bottom flanged built as per API 16A , material class DD , ring groove lined with nickel-based 625 alloy ,with two outlet 4 1/16" x 5000 psi flanged , ring groove lined with nickel- based alloy . , Temperature Class PU.	NOS	3
5.	-4 1/16" x 5000 psi flanged gate valve manual operated , built as per API 16A .material class DD , with handle PSL3, PR2 DBL acting , Temperature Class PU.	NOS	10
6.	-4 1/16" x 5000 psi, flanged gate valves remote hydraulic operated .complete with handle , PSL-3 , PR-2 .,Temperature Class PU.	NOS	10
7.	-4 1/16" x 5000 psi, check valve (NRV), built as per API 16A , material class DD , Temperature Class PU.	NOS	4
Double stud adapter and flanges			
All double stud adapter and flanges should bering groove lined with nickel based alloy ,built as per API 16A , material class DD, ring groove lined with nickel based alloy .			
8.	D.S.A 21 1/4" * 5000 psi BX 165 x 20 3/4 *3000 psi RX 74	NOS	3
9.	D.S.A 20 3/4" * 3000 psi BX 165 x 20 1/4 *2000 psi BX 165	NOS	2
10.	D.S.A 20 3/4" * 5000 psi BX 165 x 18 3/4 *5000 psi BX 163	NOS	2
11.	Spacer spool flange		
11.1	-20 3/4" x 3000 psi ,(600 mm) spacer spool flange , top and bottom, material class DD , API 16A , ring groove lined with nickel based alloy	NOS	2
11.2	20 3/4" x 3000 psi ,(900 mm) spacer spool flange , top and bottom .material class DD , API 16A , ring groove lined with nickel based alloy	NOS	2
Studs and Ring			
12.	Stud with two nut, 2" * 14 3/4" stl / A193 GR B7 / ANSI B16-5	NOS	400
13.	Stud with two nut, , 1/4" * 8" zinc plated Yel. Chromate	NOS	1200
14.	Ring gasket RX - 74 B18-2 .2/A194 GR 2H .	NOS	50
15.	Ring gasket RX - 39 LC stl plated / API 6A P5 L4	NOS	50
Ram for B.O.P 20 3/4" * 3000 psi			
16.	13 3/8" casing ram	SET	10
17.	5" drill pipe ram	SET	20
18.	Shear blind ram	SET	20

19.	<p>Chock manifold 4 1/16" x 5000 psi Each choke manifold should be mounted on heavy oil field skid , built as API STD 16C , have the minimum inside diameter of (4) in , consist of 1-two adjustable manual chock valve 4 1/16" 2-one hydraulic adjustable chock valve 4 1/16" 3-(21) gate valve 4 1/16" * 5000 psi 4-(02)gate valve 2 1/16" * 10000 psi</p>	NOS	1
20.	<p>FLEXIBLE Kill & chock Lines Kill lines connecting the B.O.P outlet valves with the kill manifold and rig floor manifold The kill lines shall: have minimum 3-in inside diameter, have 4 1/16" *5K flanged end connections 5000 psi w.p, H2S service, length 50 ft The kill lines shall: have minimum 3-in inside diameter, have 4 1/16" flanged both end connections one end 5000 psi w.p, H2S service, length 30 ft The chock lines shall: have minimum 3-in inside diameter , have 4 1/16" flanged both end connections one end 10000 psi w.p, H2S service, length 40 ft Note : - The chock and kill line are flexible type . - Construction materials should meet the standard NACE MR-01-75</p>	Ea Ea Ea	6 8 8
21.	<p>B.O.P testing unit and test stamp A Portable power operated testing unit minimum 5000 psi w.p, complete with chart recorder 5000 psi having the capability to pump fluid at high and low flow rates stamp for B.O.P stack 20 3/4" x 3000 psi B.O.P'S control system Complet. Note :- - The accumulator capacity shall be according to API 16D requirements, latest revision.</p>	Unit Unit	3 1
22.	<p>Surface B.O.P Closing Unit Surface B.O.P Closing Unit, 3000 psi w.p Electric Motor driven triplex pump assembly complete with automatic pressure switch and high pressure safety relief valve, pump provides up to (11.0 GPM) at bar (3000 psi)output pressure. Explosion proof motor 30 hp, 3ph 460 V/60 Hz.,(26) Nos. (11) Gal accumulators.(3) three Air Motor Driven Plunger Pump with self Adjusting Packing max out put Pressure With (75 psi) Air Supply consist of Following : 1-Graphic Drillers Air remote control panel. 2-Tooipusher's control panel. 3-Interconnected electrical cable. 4-Kit hydraulic of fire resistance hoses consist of: - (12) Nos. hose Assy. Flexible(1"x3000psi x 10m long)</p>		



- covered stainless steel mesh .
- (12)Nos. hose Assy. Flexible (1"x3000psi x 5m long)
covered
stainless steel mesh .
5- Interconnecting Pipe racks, 3000 psi w.p, 20 Feet long with
(20)Nos. (1" x3000psi w.p pipes with hammer union ,
Racks covered with steel grating.
6-Documenation Each Control System Will be supplied with
one (1) book documentation consisting of
- System Description
- Bill of Materials
- Assembly Drawing, Flow Diagram, Electric Schematic
7-Deliverables : BOP Control System

Item	Qty	Description
1	1	BOP Control Unit
2	1	Drillers Control Panel
3	1	Tool pushers Control Panel
4	2	Air Hose Assembly
5	1	Hydraulic Hose Kit
6	1	Nitrogen Charge Kit
7	3	Pipe Rack
8	1	Documentation

Note: -

- **Required Origin: CHINA**
- **Provide with :**
 - QAP & ITP before start manufacturing
 - Third party inspection certificate as per BS EN 10204 : 2004 type 3.2 with product identification, serial NO.
 - Preshipment certificate
 - Built as per API standards and specifications, API Spec 16 C