

## Tender book to supply wash over pipes

Crop	Item	Specifications				Unit	Qty
		<i>Buttress type two – step double shouldered thread joint with flush outside and inside diameter</i>					
		<i>Wash over pipe grade N-80 R2 as follows :</i>					
		<i>OD (mm)</i>	<i>ID(mm)</i>	<i>WALL THICKNESS(mm)</i>	<i>HOLE SIZE(inches)</i>	PCS	
A	1	136	123	6.5	5 1/2	PCS	6
	2	146.05	130.21	7.92	6	PCS	12
	3	203.20	184.15	9.53	8 1/2	PCS	15
	4	273.05	247.91	12.57	12 1/4	PCS	12
	5	298.44	273.6	12.42	17 1/2	PCS	12
B		<i>Crossover connection between drill pipe and wash over string as follows:</i>					
	6	for item(1-2) top Conn .box 3 1/2 IF (2 PCS to every item )				PCS	4
	7	for item(3-4-5) top Conn .box 4 1/2 IF (2 PCS to every item )				PCS	6
C		<i>Rotary shoe to be used with above wash over pipes for washing above and cutting formation</i>					
		<i>Only on the bottom and outside as follows:</i>					
	8	<i>For every item from items (1-2-3-4-5) 2 PCS</i>				PCS	10

1. The offer should be enclosed with relevant catalogue
2. All above equipment should be coated for protection from rust ,
3. All threads should be equipped with thread protectectors
4. All Conn must be protected by copper or phosphate surface coating
5. All pipe must be marked with API monogram
6. All certificates of inspection must be enclosed with shipments
7. All pipes. Pressure rating, manufacturing , testing ,marking storage ,and shipping ,to be in accordance with API specifications ,
8. Length of the pipe should be (9.30-9.60 )M
9. Materials shall be unused and of new manufacture only .

**10. Certificate issued by a neutral international inspection company stating that the material are conforming with specification specified in T/B**

**11. Manufacture and country origin must be mentioned .**

**12. Mechanical test and analysis licenses for metal should be provide with shipment**