

Special Note :

- 1.0 The tender will be governed by “General Terms & Conditions” for e-Procurement as per Bookl

Item No./ Mat. Code	Material Description	Quantity	UOM
<u>10</u> 03530046	COMPLETION CONTROL EQUIPMENT ASSEMBLY OF SCREWED TYPE (FEMALE, API BUTTRESS CASING THREAD) CASING HEAD HOUSING WITH HANGER PACKER (SLIP & SEAL ASSY.) AS PER API SPECN. 6A(LATEST EDITION), U-AA, PSL-2, COMPRISING OF THE FOLLOWING : THE HOUSING SHALL COMPRISE OF 2 NOS. OF 50.80 MM (2") API LP FEMALE SIDE OUTLETS IN THE SAME HORIZONTAL PLANEIN OPPOSITE DIRECTION. Top Flange, Size : 279.40 mm (11") Casing Size : 244.475 mm (9.5/8") Pressure Rating : 5000 PSI WP Ring Groove : RX-54 Height : 463.55 mm (18.1/4") (+/- 2") Nominal Size : 279.40 mm (11") Size of casing sealed :139.70 mm (5.1/2")	20	SET
<u>40</u> 03530126	Slip Seal Assembly for above Housing(03-53-0046) to hold/hangand seal 7" O.D. API Casing.	6	NO
<u>160</u> 03530126	Slip Seal Assembly for above Housing(03-53-0046) to hold/hangand seal 7" O.D. API Casing.	4	NO
<u>20</u> 03530057	ACCESSORIES FOR ABOVE ITEM Slip Seal Assembly for above housing to hold/hang and Seal 139.70 mm (5.1/2") O.D. API Casing.Type : WC-21 or WC-22.	22	NO
<u>30</u> 03530068	Plug Tester having API 114.3 mm (4.1/2") IF Box Up & Pin Down Connection with 10 sets of extra seals for each plug tester	16	NO
<u>50</u> 03530137	ASSEMBLY OF SCREWED TYPE (FEMALE, API BUTTRESS CASING THREAD) CASING HEAD HOUSING WITH HANGER PACKER (SLIP & SEAL ASSEMBLY) AS PER API SPE CN. 6A (LATEST EDITION), U-AA, PSL-2, COMPRISING OF THE FOLLOWING :THE HOUSING SHOULD COMPRISE OF 2 NOS. OF 50.8 MM (2") API LP FEMALE SIDE OUTLETS IN THE SAME HORIZONTAL PLANE IN OPPOSITE DIRECTION Top Flange Size : 346.08 mm (13.5/8") Casing Size : 339.73 mm (13.3/8")	40	SET

Item No./ Mat. Code	Material Description	Quantity	UOM
	Pressure Rating : 351.50 Kg/sq.cm.(5000 PSI) Ring Groove : BX-160 Height : 508 mm (20")(±2") Nominal Size : 346.08 mm (13.5/8") Size of Casing to Seal : 244.475 mm (9.5/8")		
<u>60</u> 03530148	ACCESSORY FOR ABOVE Slip seal assembly for above housing to hold/hang and seal 244.475 mm (9.5/8") OD, API casing	44	NO
<u>70</u> 03530159	Plug Tester having API 114.3 mm (4.1/2") IF Box Up & Pin Down Connection with 10 sets of extra seals for each plug tester.	30	NO
<u>180</u> 03530332	COMPLETION CONTROL EQUIPMENT ASSEMBLY OF SCREWED TYPE (FEMALE, API BUTTRESS CASING THREAD) CASING HEAD HOUSING WITH HANGER PACKER (SLIP AND SEAL ASSEMBLY) AS PER API SPECN. 6A (LATEST EDITION) U-AA, PSL-2, COMPRISING OF THE FOLLOWING : THE HOUSING SHOULD COMPRISE OF 2 NOS. OF 50.8 MM (2") API LP FEMALE SIDE OUTLETS IN THE SAME HORIZONTAL PLANE IN OPPOSITE DIRECTIONS. Top Flange Size : 527.1 mm (20.3/4") Casing Size : 508 mm (20") Pressure Rating : 211 Kg/sq.cm.(3000 psi) W.P. Ring Groove : RX - 74 Height : 508 mm (20") Nominal Size : 527.1 mm (20.3/4") Size of Casing : 339.72 mm (13.3/8")to seal.	10	SET
<u>190</u> 03530343	Slip Seal Assembly for above housing to hold/hang and seal 339.72 mm (13.3/8") OD, API Casing.	12	NO
<u>200</u> 03530354	Plug tester suitable for above housing having API 114.3 mm (4.1/2") IF Box-up & Pin-down connection with 10 sets of extra seals for each plug tester.	8	NO
<u>80</u> 03530514	SPOOL, 11" X 10000 PSI TOP FLANGE, 13.5/8" X 5000 PSI BOTTOM FLANGE Casing head spool, full bore opening having bottom flange of 346.075 mm (13.5/8"), 5000 PSI W.P. with API ring groove of BX-160, top flange of 279.4 mm (11"), 10,000 PSI W.P. with API ring groove of BX-158 and two Nos. of 46.0375 mm (1.13/16") studded side outlets with API ring groove of BX-151 in same horizontal plane but in opposite direction. The bottom flange should have preparation for replaceable X-type bushing (Secondary Seal) to pack off 244.475 mm (9.5/8") OD casing. Flange should have packing arrangement & testing port. The spool should have suitable bit pilot for 244.475 mm (9.5/8") OD casing at bottom and to pass 215.9 mm (8.1/2") bit. The top flange should have preparation for hanger packer mechanism (slip & seal assembly) to hang and seal 139.7 mm (5.1/2") OD casing. Dimensions, pressure rating and metallurgy should conform to API specification 6A (latest edition). Height of	36	SET

	Material Description	Quantity	UOM
	the spool from bottom flange to top flange is to be 660.4 mm (26") +/- 50.8 mm (2"),PSL-2, Material Class - `AA' & Temp. Rating `U'		
<u>90</u> 03530520	7" Slip & Seal Assembly (Primary), to hang & seal 177.80mm (7") OD casing in Top Flange of Casing Spool having 11"x10000 psi Top Flange &13.5/8" x 5000 psi Bottom Flange(OIL's material code: 03530514)	12	NO
<u>100</u> 03530536	ACCESSORIES FOR ABOVE SPOOL Slip Seal Assembly (Primary Seal)	40	NO
<u>110</u> 03530547	X-type bushing (Secondary Seal)	40	NO
<u>120</u> 03530558	Plug, Tester having API 114.3 mm (4.1/2") IF Box-up & Pin-down Connection with 10 sets of extra seals for each plug tester.	28	NO
<u>210</u> 03530616	SPOOL, 13.5/8" X 5000 PSI TOP FLANGE,20.3/4" X 3000 PSI BOTTOM FLANGE Casing head spool, full bore opening having bottom flange of 527.05 mm (20.3/4"),3000 PSI W.P. with API ring groove of RX-74, top flange of 346.075 mm(13.5/8"), 5000 PSI W.P. with API ring groove of BX-160 and two Nos. of 50.4 mm (2") API L.P.female threaded side outlets in same horizontal plane in opposite direction. The spool should have preparation for replaceable X-type bushing Secondary Seal) at bottom flange to pack-off 339.725 mm (13.3/8") OD casing, slip seal assembly(Hanger Packer) at top flange to hang & seal 244.475 mm (9.5/8") OD casing and complete with suitable bit pilot for 13.3/8" OD casing at bottom & to pass 311.15 mm (12.1/4") bit, the bottom flange should have packing arrangement and testing port.Dimension, pressure rating and metallurgy should conform to API specification 6A (16th edition). Height of the spool from bottom flange to top flange to be 609.6 mm (24") +/- 2".	4	SET
<u>220</u> 03530638	ACCESSORIES FOR ABOVE SPOOL Slip Seal Assy. (Primary Seal)	6	NO
<u>230</u> 03530649	X - Type bushing (Secondary Seal)	6	NO
<u>240</u> 03530662	Plug, Tester having API 114.3 mm (4.1/2") IF Box Up & Pin Down Connection with 10 sets of extra seals for each plug tester.	4	NO
<u>130</u> 03530673	SPOOL 11" X 5000 PSI TOP FLANGE, 13.5/8" X5000 PSI BOTTOM FLANGE, AS PER API SPECN.6A - API MONOGRAMMED. Spool having bottom flange of 13.5/8" x 5000 psi W.P. with ring groove of Bx-160 and top flange of flange of 11" x 5000 psi W.P. with ring grooveof Rx-54 having two nos. of 2" API L.P. threaded	8	NO

	Material Description	Quantity	UOM
	female side outlets in opposite direction but in same horizontal plane.The bottom flange should have preparation for replaceable X-type bushing (Secondary Seal) topack off 9.5/8" OD casing flange should have packing arrangement & testing port.The top flange should have preparation for hanger packer mechanism (Slip & Seal Assembly) to pack & hang 5.1/2" OD casing. Height of the spool from bottom flange to top flange should be 24" (+/- 2")The minimum bore of the spool should be 8.3/4" in order to guide & allow the passage of 8.1/2"bit through it.Dimensions, metallurgy & pressure rating should confirm to API spec. 6A(Latest Edition) (PSL-2, U, AA)		
<u>140</u> 03530695	ACCESSORIES FOR ABOVE SPOOL X-Type Bushing (Secondary Seal)	10	NO
<u>150</u> 03530707	Plug Tester having 114.3 mm (4.1/2") IF box up & pin down connection for 11" x 5000psi top flange with 10 sets of extra seals for each plug tester.	6	NO
<u>170</u> 03530684	Slip & Seal Assembly (Hanger packer mechanism)	10	NO

Note description for item no./nos. : 10, 20, 30

1. Above items i.e. 03-53-0046, 03-53-0057 & 03-53-0068 are to be procured from the same source.
 2. All materials & dimensional specification for the Casing Head Housing should conform to API 6A (Latest Edition), U-AA, PSL-2.
 3. Marking of the items to be done as per relevant API specification.
- NOTE: The Slip Seal Assembly 5.5"(Mat Code:03530057),Slip Seal Assembly 7"(Mat Code:03530126)& Plug Tester(Mat Code:03530068) should be in the following ratio with the Casing Head Housing(9.5/8"):
- 1.Slip Assembly 1:1.1
 - 2.Slip Assembly 1:0.3
 - 3.Plug Assembly 1:0.75

Note description for item no./nos. : 40, 160

- Note : 1) Above items i.e. 03-53-0046,03-53-0057,03-53-0068 & 03-53-0126 are to be procured from the same source.
2) All materials & dimensional specification for the Casing Head Housing should conform to API 6A (Latest Edition), U-AA, PSL-2.
3) Marking of the items to be done as per relevant API specification.

Note description for item no./nos. : 50, 60, 70

1. Above items, i.e. 03-53-0137, 03-53-0148 & 03-53-0159 are to be procured from the same source.
 2. All materials and dimensional specification for the Casing Head Housing should conform to API 6A (Latest Edition), U-AA, PSL-2.
 3. Marking of the items to be done as per relevant API specification.
- NOTE: The Slip Seal Assembly(Mat Code:03530148) & Plug Tester(Mat Code:03530159)should be in the following ratio with the Casing Head Housing(13.3/8"):
- 1.Slip Assembly 1:1.1
 - 2.Plug Assembly 1:0.75

Note description for item no./nos. : 190, 200

- i) Above items i.e. 03-53-0332, 03-53-0343 & 03-53-0354 are to be procured from same source.
- ii) All materials and dimensional specification for the Casing Head Housing should conform to API 6A (16th edition), U-AA, PSL-1
- iii) Marking of the items to be done as per relevant API specification

Note description for item no./nos. : 80

NOTE: The Slip Seal Assembly 5.5"(Mat Code:03530536), Slip Seal Assembly 7"(mat Code:03530520) Plug Tester(Mat Code:03530558) & X Type Bushing(Mat Code: 03530547) should be in the following ratio with the Spool(11",10000x 13.5/8 5000 PSI):

- 1.Slip Assembly 1:1.1
- 2.Slip Assembly 1:0.3
- 3.Plug Tester 1:0.75
- 4.X-Type Bushing 1:1.1

Note description for item no./nos. : 100, 110, 120

1. Items against G.I. Nos. 03-53-0514, -0536, -0547 & -0558 are to be procured from the same source.
2. Marking of the items to be done as per relevant API Specification.
3. Slip & Seal Assembly & X-type bushing should be in the following ratio with spool :- Single Spool (1) & accessories (2), Two Spool (2) & accessories (3). For more than two spools and accessories ratio 1:1.2). Plug tester should be in the following ratio with spool :- Single Spool (1), Plug tester (1), For more than one spool, spool & plug tester ratio 2:1.

Note description for item no./nos. : 220, 230, 240

Note :

- 1) Items against G.I. Nos. 03-53-0616, -0638, -0649 & -0662 are to be procured from the same source.

- 2) Marking of the items to be done as per relevant API Specification

Note description for item no./nos. : 130

NOTE: The Slip Seal Assembly 5.5"(Mat Code:03530684), Slip Seal Assembly 7"(mat Code:03530126) Plug Tester(Mat Code:03530707) & X Type Bushing(Mat Code: 03530695) should be in the following ratio with the Casing Spool(13.5/8"):

- 1.Slip Assembly 1:1.1
- 2.Slip Assembly 1:0.3
- 3.Plug Tester 1:0.75
- 4.X-Type Bushing 1:1.1

Note description for item no./nos. : 140, 150, 170

N O T E :

1. Items against G.I. Nos. 03-53-0673, -0684, -0695 & -0707 are to be procured from the same source.
2. Slip & Seal Assembly & X-type bushing should be in the following ratio with spool. Single spool (1) accessories (2), Two spool(2) accessories (3), More than two spools, spool & accessories ratio 1:1.2). Plug tester should be in the following ratio with spool. Single spool (1) Plug tester (1), More than one spool, spool & plug tester ratio 2:1