## **OIL INDIA LIMITED**

(A Government of India Enterprise) P.O. Duliajan, Pin – 786602 Dist-Dibrugarh, Assam

## <u>AMENDMENT NO. 1 DATED 29.10.2020 TO TENDER NO. SDH5390P21/07 DATED 12.10.2020 FOR 17 ½" STABILIZERS</u>

This Amendment is issued to amend the following:

Page / Clause	PRESENT TECHNICAL	AMENDED TECHNICAL	Justification
	SPECIFICATION	SPECIFICATION	
	Annexu	re - A	
	& Quantity of Items:		T
Page 3 of 55	Replaceable Sleeve Stabilizer,	Replaceable Sleeve	Connections shall
	IN-STRING design to operate	Stabilizer, IN-STRING	be Box-up x Pin-
	inside 17.1/2" OD hole size with	design to operate inside	down. for string
	9.1/2" OD drill collar, 3" ID;	17.1/2" OD hole size with	type Stabiliser
	complete with 17.1/2" OD x 18"	9.1/2" OD drill collar, 3" ID;	
	long, 3 spiral RH direction	complete with 17.1/2" OD x	
	blades, replaceable type sleeve	18" long, 3 spiral RH	
	hardfaced with tungsten carbide	direction blades, replaceable	
	inserts (button type) having <b>7.5/8</b>	type sleeve hardfaced with	
	API RH Regular Box-up x	tungsten carbide inserts	
	<b>Box-down</b> connections and	(button type) having <b>7.5/8</b>	
	fishing neck of 9.1/2" OD x 26"	API RH Regular Box-up x	
	long, Overall length-65"(inch)	<b>Pin-down</b> connections and	
		fishing neck of 9.1/2" OD x	
		26" long, Overall length-	
		65"(inch)	
Page 3 of 55	Replaceable Sleeve Type	Replaceable Sleeve Type	Stabiliser
	Stabilizer, in string design to	Stabilizer, in string design to	Mandrel is
Item No 10.	operate inside 17-1/2" (444.5	operate inside 17-1/2" (444.5	manufactured
	mm) OD hole size with 9-1/2"	mm) OD hole size with 9-	under API spec 7-
17-1/2" OD	(241.3 mm) OD drill collar	1/2" (241.3 mm) OD drill	1. Sleeve is not
Sleeve Type	consisting of a one piece body	collar consisting of a one	covered in API
String Stabilizer.	incorporating 1 (one) Mandrel	piece body incorporating	spec 7-1.
	and 1 (one) sleeve, complete	1(one) Mandrel and 1 (one)	
	with 17.1/2" OD x 18" long, 3	sleeve, complete with	
	spiral RH direction blades.	17.1/2" OD x 18" long, 3	
	Stabilizers mandrel should be	spiral RH direction blades.	
	manufactured from AISI	Stabilizers mandrel should	
	4145H alloy steel whereas	be manufactured from	
	sleeve should be from high	AISI 4145H alloy steel	
	carbon steel fully heat heated	fully heat heated to 285 -	
	to 285 - 341 BHN and supplied	341 BHN and supplied in	
	in	accordance with API Spec	
	accordance with API Spec 7-1	7-1 (Latest Edition)	
	(Latest Edition).	whereas sleeve should be	

		from high carbon steel.	
Page 4 of 55  Item No 20.  17-1/2" OD Sleeve Type Near Bit stabilizer.	Replaceable ( spiral) Sleeve Type Stabilizer, Near Bit design to operate inside 17-1/2" (444.5mm) OD hole size with 9-1/2" (241.3 mm) OD drill collar consisting of a one piece body incorporating 1 (one) Mandrel and 1 (one) sleeve, complete with 17.1/2" OD x 18" long, 3 spiral RH direction blades. Stabilizers mandrel should be manufactured from AISI 4145H alloy steel whereas sleeve should be from high carbon steel fully heat heated to 285 - 341 BHN and supplied in accordance with API Spec 7-1 (Latest Edition).	Replaceable (spiral) Sleeve Type Stabilizer, Near Bit design to operate inside 17- 1/2" (444.5mm) OD hole size with 9-1/2" (241.3 mm) OD drill collar consisting of a one piece body incorporating 1 (one) Mandrel and 1 (one) sleeve, complete with 17.1/2" OD x 18" long, 3 spiral RH direction blades. Stabilizers mandrel should be manufactured from AISI 4145H alloy steel fully heat heated to 285 - 341 BHN and supplied in accordance with API Spec 7-1 (Latest Edition) whereas sleeve should be from high carbon steel.	Stabiliser Mandrel is manufactured under API spec 7- 1. Sleeve is not covered in API spec 7-1.
Page 4 of 55  Item No 20.  17-1/2" OD Sleeve Type Near Bit stabilizer.	Bidder(s) should confirm while quoting that Stabilizer shall have the following features:  a) API stress relief groove on pin end b) API bore back box c) All connections should be phosphatised d) All thread roots should be cold rolled. e) All connections should be coated with an API lubricant and provided with pressed steel thread protectors installed at both ends.	Bidder(s) should confirm while quoting that Stabilizer shall have the following features:  a) API stress relief groove on pin end (Deleted) b) API bore back box c) All connections should be phosphatised d) All thread roots should be cold rolled. e) All connections should be coated with an API lubricant and provided with pressed steel thread protectors installed at both ends.	Since Near bit stabilizer has Box x Box connection and no pin connection.
AB: SPECIAL Page 5 of 55  Clause 4. Marking	TERMS & CONDITIONS:  Marking: The following information shall be marked on a marking recess with steel stamps or milled lettering a minimum of 6 mm (0.25 in) in height. This recess shall be located on the upper neck within 100 mm (4	Marking: The following information shall be marked on a marking recess with steel stamps or milled lettering a minimum of 6 mm (0.25 in) in height. This recess shall be located near	Marking for rotary shoulder connection should be done near the thread connection

in.) of the stabilizer blades.	the threaded connection at the Box / Pin end.	

PRESENT TECHNICAL	AMENDED TECHNICAL	Justification
SPECIFICATION	SPECIFICATION	
Annexure – D: Technic	al Evaluation Matrix	
Replaceable Sleeve Stabilizer, IN-STRING design to operate inside 17.1/2" OD hole size with 9.1/2" OD drill collar, 3" ID; complete with 17.1/2" OD x 18" long, 3 spiral RH direction blades, replaceable type sleeve hardfaced with tungsten carbide inserts (button type) having 7.5/8 API RH Regular Box-up x Box-down connections and fishing neck of 9.1/2" OD x 26" long, Overall length-65"(inch)	Replaceable Sleeve Stabilizer, IN-STRING design to operate inside 17.1/2" OD hole size with 9.1/2" OD drill collar, 3" ID; complete with 17.1/2" OD x 18" long, 3 spiral RH direction blades, replaceable type sleeve hardfaced with tungsten carbide inserts (button type) having 7.5/8 API RH Regular Box-up x Pin-down connections and fishing neck of 9.1/2" OD x 26" long, Overall length- 65"(inch)	Connections shall be Box-up x Pin- down. for string type Stabiliser
Replaceable Sleeve Type Stabilizer, in string design to operate inside 17-1/2" (444.5 mm) OD hole size with 9-1/2" (241.3 mm) OD drill collar consisting of a one piece body incorporating 1 (one) Mandrel and 1 (one) sleeve, complete with 17.1/2" OD x 18" long, 3 spiral RH direction blades.  Stabilizers mandrel should be manufactured from AISI 4145H alloy steel whereas sleeve should be from high carbon steel fully heat heated to 285 - 341 BHN and supplied in accordance with API Spec 7-	Replaceable Sleeve Type Stabilizer, in string design to operate inside 17-1/2" (444.5 mm) OD hole size with 9- 1/2" (241.3 mm) OD drill collar consisting of a one piece body incorporating 1(one) Mandrel and 1 (one) sleeve, complete with 17.1/2" OD x 18" long, 3 spiral RH direction blades. Stabilizers mandrel should be manufactured from AISI 4145H alloy steel fully heat heated to 285 - 341 BHN and supplied in accordance with API Spec	Stabiliser Mandrel is manufactured under API spec 7- 1. Sleeve is not covered in API spec 7-1.
	Replaceable Sleeve Stabilizer, IN-STRING design to operate inside 17.1/2" OD hole size with 9.1/2" OD drill collar, 3" ID; complete with 17.1/2" OD x 18" long, 3 spiral RH direction blades, replaceable type sleeve hardfaced with tungsten carbide inserts (button type) having 7.5/8 API RH Regular Box-up x Box-down connections and fishing neck of 9.1/2" OD x 26" long, Overall length-65"(inch)  Replaceable Sleeve Type Stabilizer, in string design to operate inside 17-1/2" (444.5 mm) OD hole size with 9-1/2" (241.3 mm) OD drill collar consisting of a one piece body incorporating 1 (one) Mandrel and 1 (one) sleeve, complete with 17.1/2" OD x 18" long, 3 spiral RH direction blades. Stabilizers mandrel should be manufactured from AISI 4145H alloy steel whereas sleeve should be from high carbon steel fully heat heated to 285 - 341 BHN and supplied	Replaceable Sleeve Stabilizer, IN-STRING design to operate inside 17.1/2" OD hole size with 9.1/2" OD drill collar, 3" ID; complete with 17.1/2" OD x 18" long, 3 spiral RH direction blades, replaceable type sleeve hardfaced with tungsten carbide inserts (button type) having 7.5/8 API RH Regular Box-up x Box-down connections and fishing neck of 9.1/2" OD x 26" long, Overall length-65"(inch)  Replaceable Sleeve Type Stabilizer, in string design to operate inside 17-1/2" (DD x 26" long, Overall length-65"(inch)  Replaceable Sleeve Type Stabilizer, in string design to operate inside 17-1/2" (444.5 mm) OD hole size with 9-1/2" (241.3 mm) OD drill collar consisting of a one piece body incorporating 1 (one) Mandrel and 1 (one) sleeve, complete with 17.1/2" OD x 18" long, 3 spiral RH direction blades.  Stabilizers mandrel should be manufactured from AISI 4145H alloy steel whereas sleeve should be from high carbon steel fully heat heated to 285 - 341 BHN and supplied in accordance with API Spec

		whereas sleeve should be from high carbon steel.	
Item No 20.  17-1/2" OD Sleeve Type Near Bit stabilizer.	Replaceable ( spiral) Sleeve Type Stabilizer, Near Bit design to operate inside 17-1/2" (444.5mm) OD hole size with 9-1/2" (241.3 mm) OD drill collar consisting of a one piece body incorporating 1 (one) Mandrel and 1 (one) sleeve, complete with 17.1/2" OD x 18" long, 3 spiral RH direction blades. Stabilizers mandrel should be manufactured from AISI 4145H alloy steel whereas sleeve should be from high carbon steel fully heat heated to 285 - 341 BHN and supplied in accordance with API Spec 7-1 (Latest Edition).	Replaceable (spiral) Sleeve Type Stabilizer, Near Bit design to operate inside 17- 1/2" (444.5mm) OD hole size with 9-1/2" (241.3 mm) OD drill collar consisting of a one piece body incorporating 1 (one) Mandrel and 1 (one) sleeve, complete with 17.1/2" OD x 18" long, 3 spiral RH direction blades. Stabilizers mandrel should be manufactured from AISI 4145H alloy steel fully heat heated to 285 - 341 BHN and supplied in accordance with API Spec 7-1 (Latest Edition) whereas sleeve should be from high carbon steel.	Stabiliser Mandrel is manufactured under API spec 7- 1. Sleeve is not covered in API spec 7-1.
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	TERMS & CONDITIONS:	26.11 577 6.11	
Clause 4. Marking	Marking: The following information shall be marked on a marking recess with steel stamps or milled lettering a minimum of 6 mm (0.25 in) in height. This recess shall be located on the	Marking: The following information shall be marked on a marking recess with steel stamps or milled lettering a minimum of 6 mm (0.25 in) in height. <b>This</b>	Marking for rotary shoulder connection should be done near the thread connection

upper neck within 10 in.) of the stabilizer b		
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All other terms and condition of the etender remain unchanged.

Sd/(TUHIN ROY)
CMM-FD
MATERIALS DEPARTMENT
FOR CGM- MATERIALS
FOR RESIDENT CHIEF EXECUTIVE