

Amendment 2

This amendment is issued for the following as shown in column of Amended Description which shall be applicable in Annexure-I of the subject tender.

Also, BC date has been extended upto 14.05.2025.

All other terms and conditions remain unchanged.

	Tender Description	Amended Description	Remarks
Cl. NO.	DESCRIPTION		
	Technical Specification		
10	<p>A. CASING SCRAPER FOR 68 PPF, 13 3/8-inch O.D API CASING: Casing Scrapper with blades around 360 Degree of contact area, capable to scrap inside of 68 ppf (101.19 kg/m) 13.3/8" OD (339.72 mm) API Casing with drift ID 12.259" (311.379 mm) and having 6.5/8" (168.275 mm) API regular tool joint pin up & box down connection fitted with thread protectors. The scraper should be complete in all respect & should be in ready to use condition. Other Features: 1. There should not be any protruding parts from the body except the blades. 2. The mandrel should be of one-piece construction & made from heat treated alloy steel. 3. The blades should be made from high quality wear resistant tool steel. 4. Springs should be made from corrosion resistant 302 stainless steel or higher. 5. Suitable for running in either way (i.e. pin connection up or down)</p>	<p>A. CASING SCRAPER FOR 68 PPF, 13 3/8-inch O.D API CASING: Casing Scrapper with blades around 360 Degree of contact area, capable to scrap inside of 68 ppf (101.19 kg/m) 13.3/8" OD (339.72 mm) API Casing with drift ID 12.259" (311.379 mm) and having 6.5/8" (168.275 mm) API regular tool joint pin up & box down connection fitted with thread protectors. The scraper should be complete in all respect & should be in ready to use condition. Other Features: 1. There should not be any protruding parts from the body except the blades. 2. The mandrel should be of one-piece construction & made from heat treated alloy steel. 3. The blades should be made from high quality wear resistant tool steel. 4. Springs should be made from corrosion resistant 302 stainless steel or higher. 5. Suitable for running in either way (i.e. pin connection up or down)</p>	For better clarity of bidders.

	<p>6. The scraper should be suitable for working in both rotary and non-rotary conditions.</p> <p>7. Enough bypass area should be provided between blades for ease of circulation.</p> <p>8. Threading and gauging of the rotary shouldered connection should be as per specific API standard (latest edition).</p> <p>9. Each blade should be properly secured in their own individual pocket ensuring that the thrust and rotational forces generated should be absorbed directly by the one-piece body.</p> <p>10. Scrapers should incorporate long tapers on blades for passing through joints without hanging.</p>	<p>6. The scraper should be non-rotary type suitable for deviated wells in order to maintain consistent contact with the casing regardless of tool orientation, improving cleaning performance.</p> <p>7. Enough bypass area should be provided between blades for ease of circulation.</p> <p>8. Threading and gauging of the rotary shouldered connection should be as per specific API standard (latest edition).</p> <p>9. Each blade should be properly secured in their own individual pocket ensuring that the thrust and rotational forces generated should be absorbed directly by the one-piece body.</p> <p>10. Scrapers should incorporate long tapers on blades for passing through joints without hanging.</p>	
20	<p>A. CASING SCRAPER FOR 12.6 PPF, 4 1/2-inch O.D API CASING: Casing Scraper with blades around 360 Degree of contact area, capable to scrap inside of 12.6 ppf (20.09 kg/m) 4.1/2" OD (114.3 mm) API Casing with drift ID 3.833" (97.36mm) and having 2-3/8" (60.325mm) API regular tool joint pin up & box down connection fitted with thread protectors. The scraper should be complete in all respect & should be in ready to use condition. Other Features: 1. There should not be any protruding parts from the body except the blades. 2. The mandrel should be of one-piece construction & made from heat treated alloy steel. 3. The blades should be made from high quality wear resistant tool steel. 4. Springs should be made from corrosion resistant 302 stainless steel or higher. 5. Suitable for running in either way (i.e. pin connection up or down).</p> <p>6. The scraper should be suitable for working in both rotary and non-rotary conditions.</p> <p>7. Enough bypass area should be provided between blades for ease of circulation.</p> <p>8. Threading and gauging of the rotary shouldered connection should be as per specific API standard (latest edition).</p>	<p>A. CASING SCRAPER FOR 12.6 PPF, 4 1/2-inch O.D API CASING: Casing Scraper with blades around 360 Degree of contact area, capable to scrap inside of 12.6 ppf (20.09 kg/m) 4.1/2" OD (114.3 mm) API Casing with drift ID 3.833" (97.36mm) and having 2-3/8" (60.325mm) API regular tool joint pin up & box down connection fitted with thread protectors. The scraper should be complete in all respect & should be in ready to use condition. Other Features: 1. There should not be any protruding parts from the body except the blades. 2. The mandrel should be of one-piece construction & made from heat treated alloy steel. 3. The blades should be made from high quality wear resistant tool steel. 4. Springs should be made from corrosion resistant 302 stainless steel or higher. 5. Suitable for running in either way (i.e. pin connection up or down).</p> <p>6. The scraper should be non-rotary type suitable for deviated wells in order to maintain consistent contact with the casing regardless of tool orientation, improving cleaning performance.</p> <p>7. Enough bypass area should be provided between blades for ease of circulation.</p>	

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