

**IRANIAN PETROLEUM STANDARDS  
A11-QUOTATION ANALYSIS REPORT TABLE  
FOR MIXERS**

ISSUE DATE ----- PAGE ----- OF ----- REV. -----

PREP'D. ----- CHE'D. ----- APP'D. -----

OPERATING CONDITION		DATA	<b>QUOTATION ANALYSIS REPORT FOR MIXERS</b>  PROJECT: ----- CLIENT: ----- LOCATION: ----- UNIT No: ----- ITEM No: ----- SERVICE: -----	SITE CONDITION		
WORKING PRESS.	Mpa(abs)			Range of Ambient Temps.:Max./Min. / °C Altitude m Relative Humidity: Max./Min. (%) Unusual Condition <input type="checkbox"/> Dust <input type="checkbox"/> Fumes Chloride Concentration ppm Elect. Area Classification CI GR DIV <input type="checkbox"/> Winterization <input type="checkbox"/> Req'd. <input type="checkbox"/> Not Req'd. <input type="checkbox"/> Tropicalization <input type="checkbox"/> Req'd. <input type="checkbox"/> Not Req'd. Others		
WORKING TEMP.	°C					
DENSITY OF SLURRY AT W.T						
DENSITY OF LIQUID AT W.T						
DENSITY OF SOLIDS AT W.T	Pa.s, cp					
VISCOSITY OF SLURRY AT W.T	cp					
VISCOSITY OF LIQUID AT W.T	cp					
PARTICLE SIZE OF SOLIDS:						
CLASS OF AGITATION:	m					
DISCHARGE PRESS.	MPa(ga)					
SUCTION PRESS.	MPa(ga)					
DEGREE OF AGITATION		<input type="checkbox"/> Mild <input type="checkbox"/> Medium <input type="checkbox"/> Blend <input type="checkbox"/> Violent <input type="checkbox"/> Suspend Solids <input type="checkbox"/> Disperse Gas <input type="checkbox"/> Dissolve <input type="checkbox"/> Emulsify <input type="checkbox"/> Foaming <input type="checkbox"/> Heat Exchange				
CONT. OPERATION (FLOW RATE)	m <sup>3</sup> /h			REMARKS:		
HYD. POWER REQUIRED	kW					
BATCH OPERATION (QUANT, AND TIME)						

DESCRIPTION (Spec.)	DATA	VENDOR'S PROPOSAL								
		A			B			C		
MANUFACTURER										
TYPE:										
MODEL										
ROTATION	<input type="checkbox"/> cw <input type="checkbox"/> ccw	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
ROTAIO SPEED	rpm									
1 <sup>ST</sup> , 2 <sup>ND</sup> & 3 <sup>RD</sup> CRITICAL SPEED										
PUMPING ACTION DIRECTION	<input type="checkbox"/> TOWARDS DRIVE <input type="checkbox"/> AWAY FROM DRIVE									
LIVE STEAM PRESS. TEMP.	Mpa(ga) °C									
EXHAUST STEAM PRESS. TEMP.	Mpa(ga) °C									
OTHERS:										
<b>IMPELLER:</b>										
TYPE	<input type="checkbox"/> SEMI OPEN <input type="checkbox"/> OPEN OTHERS-----	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
IMPELLER DIA: M1N. /MAX. RATED	mm   mm									
NO. OF IMPELLERS										
NO. OF BLADES FOR EACH IMPELLER										
OTHERS										
<b>MECHANICAL SEAL</b>										
MANUFACTURER / TYPE	<input type="checkbox"/> REQUIRED <input type="checkbox"/> NOT REQUIRED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
COOLING OF SEAL	<input type="checkbox"/> REQUIRED <input type="checkbox"/> NOT REQUIRED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
GLAND PACKING	<input type="checkbox"/> REQUIRED <input type="checkbox"/> NOT REQUIRED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
OTHERS:										
<b>BEARING &amp; LUBRICATION</b>										
BEARING TYPE :										
RADIAL:	<input type="checkbox"/> SLEEVE <input type="checkbox"/> BALL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
THRUST:	<input type="checkbox"/> SLEEVE <input type="checkbox"/> BALL	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
LUBRICATION SYSTEM	<input type="checkbox"/> GREASE <input type="checkbox"/> OIL RING <input type="checkbox"/> FORCED FEED <input type="checkbox"/> OTHERS-----	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
OTHERS:										
<b>COUPLING:</b>										
COUPLING WITH GUARD	NON-LUBE FLEX. W/NON-SPARK GUARD	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
MFR. / MODEL NO.										
SPACER	<input type="checkbox"/> REQUIRED <input type="checkbox"/> NOT REQUIRED	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
OTHERS:										
<b>DRIVER:</b>										
TYPE:	ELECT.   STEAM TURBINE OTHERS-----	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
MANUFACTURER:										
MODEL										
1 <sup>ST</sup> , 2 <sup>ND</sup> & 3 <sup>RD</sup> CRITICAL SPEED	rpm									
SPEED	rpm									
POWER	kW									
OTHERS:										

**IRANIAN PETROLEUM STANDARDS  
A11-QUOTATION ANALYSIS REPORT TABLE  
FOR MIXERS  
(CONTINUED)**

DESCRIPTION (Spec.)	DATA	VENDOR'S PROPOSAL								
		A			B			C		
<b>BASEPLATE:</b>										
TYPE:	<input type="radio"/> COMMON <input type="radio"/> STEEL FABR. <input type="radio"/> HEAVY- DUTY	<input type="radio"/> YES	<input type="radio"/> NO	<input type="radio"/> N/A	<input type="radio"/> YES	<input type="radio"/> NO	<input type="radio"/> N/A	<input type="radio"/> YES	<input type="radio"/> NO	<input type="radio"/> N/A
WITH AIR VENT HOLES	<input type="radio"/> REQUIRED	<input type="radio"/> YES	<input type="radio"/> NO	<input type="radio"/> N/A	<input type="radio"/> YES	<input type="radio"/> NO	<input type="radio"/> N/A	<input type="radio"/> YES	<input type="radio"/> NO	<input type="radio"/> N/A
DRAIN CONNECTION	<input type="radio"/> REQUIRED	<input type="radio"/> YES	<input type="radio"/> NO	<input type="radio"/> N/A	<input type="radio"/> YES	<input type="radio"/> NO	<input type="radio"/> N/A	<input type="radio"/> YES	<input type="radio"/> NO	<input type="radio"/> N/A
<b>GEAR UNIT</b>										
MAUFACTURER										
SPEED REDUCER OR INCREASER	TYPE/AGMA SF									
TYPE/ MODEL										
GEAR RATIO										
OTHERS:										
<b>ACCESSORIES</b>										
COOLING FOR: STAFFING BOX BEARING										
MIXING TANK / VESSEL :										
TOTAL TANK VOL./ WORKING VOL.				m <sup>3</sup>						
TANK WORKING VOL				m <sup>3</sup>						
INTERIOR COILS										
JACKET										
COMMISSIONING SPARES										
TWO YEARS SPARES										
NOISE LEVEL	MAX. db(abs.)									
<b>MATERIALS:</b>										
CASING / IMPELLER	/	/	/	/	/	/	/	/	/	/
SHAFT / BLADE	/	/	/	/	/	/	/	/	/	/
INNER PARTS	/	/	/	/	/	/	/	/	/	/
TOTAL SHIPPING WEIGHT										
TOTAL SHIPPING DIMENTIONS	mm x mm x mm									
DEVIATIONS FROM IPS STD.										
<b>TEST AND INSPECTION</b>										
EVALUATION RANKING	<input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D									
TOTAL PRICE	IN USD \$									
DELIVERY (EX. FACTORY)										
REMARKS:										