



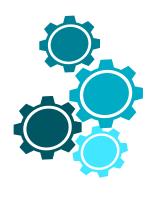
#### **DISCI AIMFR**

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Today's discussion is one of many activities KPO and its stakeholders undertake to develop local content.

24/06/2024





# Review of chemical products in manufacturing activities



## СОДЕРЖАНИЕ

- 1. KARACHAGANAK FIELD OVERVIEW
- 2. PRODACTION CHEMISTRY
- 3. REQUIREMENTS OF THE REPUBLIC OF KAZAKHSTAN AND KPO TO CHEMICALS

24/06/2024

## **K**1. GENERAL INFORMATION ABOUT THE KARACHAGANAK FIELD







- □ One of the largest fields of oil and gas condensate in the world
- □ Discovered in 1979;
- □ Gross Reserves:
  - > over 1.2 billion ton of oil and condensate and 1.35 tcm of gas.

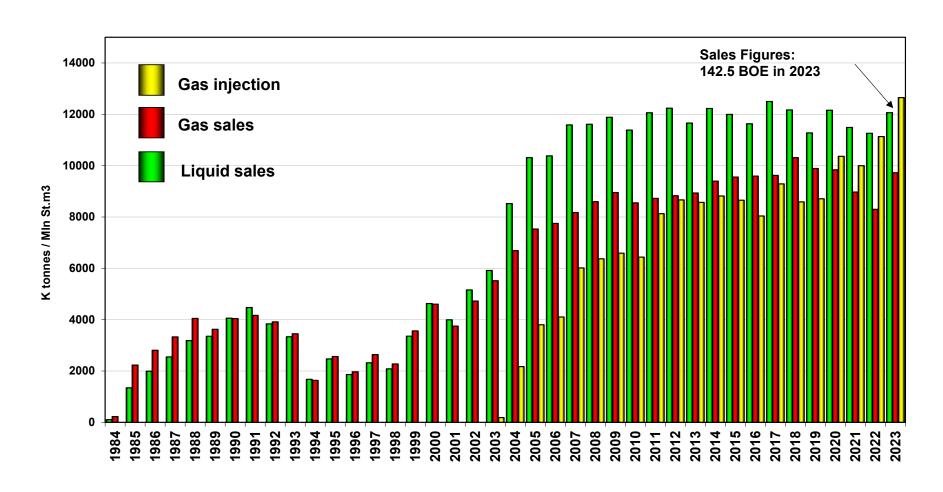


## 1. DEVELOPMENT OF THE KARACHAGANAK FIEL - MAIN STAGES

- 1984 Production commenced.
- 1992 Kazakhstan Government starts negotiating a Production Sharing Agreement (PSA) with BG Group and ENi.
- 1995 Production Sharing Principlesц Agreement signed.
- 1997 Chevron and LUKOIL join the international consortium and a 40 year Final Production Sharing Agreement (FPSA) is signed in November.
- 1998 FPSA becomes effective.
- 1999 Construction work commences.
- 2003 The President of Kazakhstan inaugurates "First Oil" of Phase II.
- 2004 First shipment of crude oil from Novorossiysk sea terminal via CPC.
- 2007 GSA contract was agreed between KPO & KRG (OGP Complex).
- 2011 Launch of the 4th condensate stabilization process line at the KPC
- 2012- NC "KazMunayGas" officially joins the Karachaganak joint venture as the 5th partner.
- 2016 139.67 MMBOE Production Record in a Total Shut Down year.
- 2018 147.5 MMBOE Production Record.
- 2020 Annual Crude Oil Processing record at KPC is 10,917.560 Kt
- 2023 Annual Max Gas Re-injection record in 2023 is 12,650.071 Mscm
  Annual Max Raw Gas Production record in 2023 is 22,385.539 Mscm

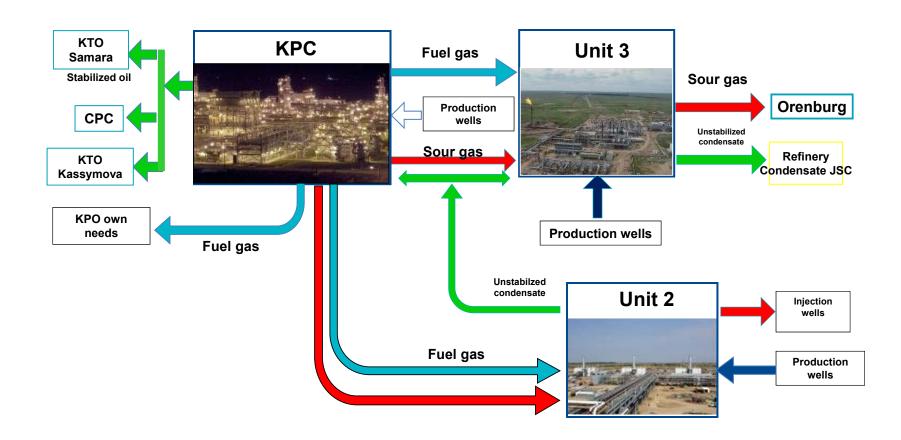


# 1. SALES OF LIQUID HYDROCARBONS AND GAS AT THE KARACHAGANAK FIELD FROM 1984 TO 2023





## 1. TECHNOLOGICAL FACILITIES OF KARACHAGANAK



24/06/2024



# THE CURRENT STRUCTURE OF SUPPLY OF CHEMICALS AND REAGENTS

Chemical application is an integral part of the process ensuring asset integrity and flow assurance. Chemicals are applied field wide throughout all production plants from the wells to the export pipelines. Currently applied to all critical systems including condensate stabilisation, fuel gas production, gas dehydrations, crude desalting, process water, boiler and utility systems.

Initially from 2008 the Supply of all chemicals, speciality and commodity, was carried out by one supplier. Later, in an effort to contribute to region development and increased local content share, provision of commodity chemicals was assigned to local companies:

- Provision of Specialty Chemicals is by RauanNTechx
- Provision of Commodity Chemicals is by Chem-Invest and Petro-Unit



24/06/2024

# KPO PRODUCTION DEPARTMENT NEEDS FOR LOCALLY PRODUCED CHEMICAL PRODUCTS

DESCRIPTION	ANNUAL VOLUME, AVERAGE
Antifoulant	348 tonnes
Demulsifier	224 tonnes
Scale inhibitor	216 tonnes
H2S Scavenger	7 tonnes
Drag Reducing Agent (DRA)	177 tonnes
Solvent (removes paraffin and asphaltene deposits)	85 tonnes
Sulfuric Acid 93%	1,064 tonnes
Caustic Soda Solution 14%	5,118 tonnes
DEG	185 tonnes
TEG	841 tonnes
Methanol	9,200 tonnes

КАРАЧАГАНАК ПЕТРОЛИУМ ОПЕРЕЙТИНГ Б.В.



#### 2. APPLICATION SCOPE OF CHEMICALS

#### **Antifoulant**

- Antifoulant is designed to prevent fouling/plugging in the Oil/Oil Heat Exchangers, scale deposition in KPC Reboilers (Condensate Stabiliser) and Splitters.
- Active components disperse organic heavy substances (in particular paraffins) and inorganic substances in the oil, preventing their precipitation/build-up in the overheat sections of the heat exchangers.
- Temperature 180 °C, pressure 8 bar.
- Injection points are on all four KPC trains and upstream of Stabiliser.

#### Demulsifier

- Demulsifier is designed to break emulsions, such as water in oil, i.e. emulsions where oil is a dispersion medium.
- By reducing surface tension at the phase boundary, it increases the rate at which the emulsion breaks down into water in oil.
- Enhanced water separation from oil improves operation performance of Unit 2 and KPC three-phase separators and performance of KPC desalter unit, reducing salt carry over to oil stabilization and separation systems.
- Working temperature 30°C, pressure 25 78 bar.

#### **Scale Inhibitor**

- Scale Inhibitor is designed to prevent formation of carbonate scale in KPC and Unit 2 Water Treatment Facilities with reinjection into the reservoir.
- Temperature 10-30°C, pressure 2-5 bar.



#### 2. APPLICATION SCOPE OF CHEMICALS

#### **H2S Scavenger**

- Sand filtration is designed to remove suspended particles of size up to 20 microns in process water. Backwash water taken from the sand filters after the wash is directed to the clarified water tank.
- H2S scavenger is a technical product injected to the clarified water tank and facilitates removal of residual H2S and iron sulphide in the clarified water collected from the sand filters of process water backwash system.
- Clarified water tank has the following characteristics:
  - Design pressure: 0,1 barg
  - Design temperature: -30 + 80 °C

#### Drag Reducing Agent (DRA)

- Application of Drag Reducing Agent is one of the efficient techniques of increasing the volume of liquid flow in a pipeline without modifying the pipeline design. Desi gned to reduce the wall vibrations and friction whilst the liquid flows in the pipeline. DRA reduces a resistance in the pipeline by transforming the liquid flow from tur bulent to the laminar one, thus reducing a differential pressure at the beginning and at the end of the pipeline, it allows to reduce the pumps work load and increase liquid flow rate.
- DRA has been used in the Oil Export Pipeline.

#### **Paraffin and Asphaltene Solvent**

• Designed to remove paraffin and asphaltene build-up in the wells, pipelines, pumps and other equipment used in the oil industry, which may result in decline of well production, equipment performance and flow assurance. Chemical must be compatible with carbon steel.



## 2. APPLICATION SCOPE OF CHEMICALS

#### Sulfuric acid 93%

- Sulfuric acid is used to neutralize spent caustic soda.
- GOST 2184

#### Caustic Soda Solution 14%

- Removes H2S (primary treatment) and mercaptans in gasoline sweetening unit, converting mercaptans into disulfides.
- GOST 2263

#### **DEG**

- DEG has been used as a heating medium for buildings and heaters in Unit 3 processes.
- In addition, as a 50% solution with water, it has been used to build a back pressure to open safely subsurface safety valves.
- Class B under GOST 10136

#### **TEG**

- TEG has been used as an absorber for gas dehydration.
- Class A under TU 2422-055-52470175-2014

#### Methanol

- Methanol has been used in Unit 3 as an inhibitor to prevent hydrate development in the gas pipelines. Hydrates are crystalline compounds of water and gas such as methane, ethylene, propane, etc., which are developed under certain conditions of pressure and temperature. These deposits may result in pipeline plugging and ca use serious problems to operations of gas pipelines.
- GOST 2222



# 3. REQUIREMENTS OF THE REPUBLIC OF KAZAKHSTAN AND KPO TO CHEMICALS

- ST KZ Certificate;
- Compliance with KPO Specifications;
- Material Safety Data Sheet;
- RoK Laws and Regulations Compliance;
- Compliance with EEU Technical Regulation "On Safety of Chemical Products";
- Competitive price







Overview of chemical products in well operations at KPO

# DRILLING OPERAITONS OVERVIEW / ОБЩИЙ ОБЗОР ОПЕРАЦИЙ ПО БУРЕНИЮ

The Well Operations department performs drilling at the Karachaganak field using two drilling rigs provided by the JV of KMG-PARKER Business Partners.

New development wells are being drilled by a two-rig fleet, with each rig drilling 3-4 wells per year, for a total of up to eight wells drilled each year.

Workover activities are carried out from time to time by a workover rig, which repairs or replaces wellheads and/or deepens existing wells.



Отдел скважинных операций выполняет бурение на месторождении Карачаганак с использованием двух буровых установок, посредством подрядной компании совместного предприятия ТОО «КМГ-ПАРКЕР». Новые эксплуатационные скважины бурятся с помощью двух буровых установок, каждая из которых бурит 3-4 скважины в год, всего до восьми скважин в год.

Работы по капитальному ремонту выполняются время от времени с помощью, буровой установки, которая ремонтирует или заменяет устья скважин и/или углубляет существующие скважины.

Drilling Rig 249:Completed drilling of new well 9883 and is currently running completion operations.

Drilling Rig 258:Completed drilling of well 9884 and is currently running completion operations.

Буровая установка 249: Завершено бурение новой скважины 9883, в настоящее время выполняются операции по завершению.

Буровая установка 258: Завершено бурение скважины 9884, в настоящее время выполняются операции по завершению.

# WELL SERVICES OVERVIEW / ОБЩИЙ ОБЗОР ПРИ ПОДЗЕМНОМ РЕМОНТЕ СКВАЖИН

QHSE-AKBARYS LLP – provides services on H2S neutralization during well services activities / TOO

«QHSE-AKBARYS» — предоставляет услуги по нейтрализации H2S во время выполнения работ на скважинах.

SLS Oil JV LLP provides coil-tubing service and chemicals supply for acid treatment of wells

TOO «SLS Oil JV» предоставляет услуги по использованию колтюбинга и поставке химических реагентов для кислотной обработки скважин.

Aksai Operating LLP provides stimulation service and chemicals supply for acid treatment of wells (acid treatment, acid Frac)

ТОО «Аксай Оперейтинг» предоставляет услуги по стимуляции и поставке химических реагентов для кислотной обработки скважин (кислотная обработка, кислотный ГРП).



## WELL OPERATIONS / СКВАЖИННЫЕ ОПЕРАЦИИ

Drilling Muds used for drilling, completion and work over operations are prepared at Liquid Mud Plant.

During the drilling of the 26" hole, waterbased mud (WBM) is used.

During the drilling of the 16" hole until the pay zone, oil-based mud (OBM) is used.

The OBM base is SARALINE.

This mud is stored for re-use at the liquid mud plant.

During the completion of wells, Sodium Chloride Brine is used.

Fluids for stimulation: HCL mixtures, Viscosifiers /emulsified acids, organic solvents. Corrosion inhibitors and H2S

scavengers







Буровые растворы, используемые для бурения, завершения и ремонтных работ, готовятся на заводе по приготовлению буровых растворов.

Во время бурения скважины диаметром 26"

зо время бурения скважины диаметром 26° используется буровой раствор на водной основе.

При бурении скважины интервала диаметром от 16" до продуктивного пласта используется буровой раствор на углеводородной основе.
Основа бурового раствора на

углеводородной основе является САРАЛАЙН.
Этот раствор хранится для повторного использования на заводе по производству жидкого бурового раствора.

При закачиванию скважины используется рассол хлорида натрия.

Растворы для проведения работ по интенсификации притока скважин используются смеси соляной кислоты, высоковязкие / эмульгированные кислоты, органический растворитель, Ингибиторы коррозии и поглотители сероводорода.

## LOCAL CHEMICALS USAGE/ MECTHЫЕ ИСПОЛЬЗУЕМЫЕ ХИМИКАТЫ

The current fluids business partner is NDFK, with 98% local involvement.

See the table below for the chemicals used by NDFK, which are produced in Kazakhstan.

Текущий бизнес-партнер по жидкостям — НДФК, с 98% местным участием. См. таблицу ниже для химикатов, используемых НДФК, которые производятся в Казахстане

Local Chemical used in 2023 -2024 / Местные химические вещества, использованные в 2023-2024 гг.

Name of product / Название проду кта	Description/Описание	Usage / Использование, МТ	Supplier / Поставщик
AVACARB /CaCO3, BB	Weighted material, LCM / Утяжеляющий материал, материа л для борьбы с потерей циркуляции	403	TOO "Каратау ПРО", TOO "Алина Групп" / LLP "Karatau PRO", LLP "Alina Group"
Barite / Барит, ВВ	Weighted material / Утяжеляющий материал	7,402	TOO "Каражал Оперейтинг" / LLP "Karazh al Operating"
Sodium Chloride / Хлорид натрия, m 3	Brine 1.19 sg / Рассол	9309.4	TOO "AГС-Соль Добыча" / LLP 'AGS-SOL D OBYCHA

## LOCAL CHEMICALS USAGE/ MECTHЫЕ ИСПОЛЬЗУЕМЫЕ ХИМИКАТЫ

The current cementing business partner is Baker Hughes, with 100% local involvement. We are also considering using locally sourced class G cement in our future cementing operations. See the table below for the chemicals used by Baker Hughes, which are produced in Kazakhstan.

Текущим бизнес-партнером по цементированию является Baker Hughes с 100% местным участием. Также, мы рассматриваем возможность использования местного цемента класса G в наших будущих операциях по цементированию. См. таблицу ниже для получения информации о химических веществах, используемых Baker Hughes, которые производятся в Казахстане.

#### Local Chemicals used in 2023 -2024 / Местные химические вещества, использованные в 2023-2024 гг.

Name of product / Название продукта	Description / Описание	Usage / Использованные, MT	Supplier / Поставщик
A-2	Gelation Control / Контроль геляции	20.1	
A-7	Accelerator / Ускоритель	10.1	"TODAN" LLD Korokhatan
Sugar	Retarder / Замедлитель	8.66	"TOPAN" LLP Kazakhstan TOO «ТОПАН» Казахстан
GW-22	Gelling Agent / Загуститель	1.52	100 «TOHAH» NasaxCldH
R-2	Retarder / Замедлитель	1.76	

Additionally, we are committed to ensuring that all materials meet the highest industry standards to guarantee the quality and safety of our operations. Collaboration with local suppliers not only enhances our operational efficiency but also supports the local economy and aligns with our sustainability goals.

Кроме того, мы стремимся к тому, чтобы все материалы соответствовали высочайшим отраслевым стандартам, что гарантирует качество и безопасность наших операций. Сотрудничество с местными поставщиками не только повышает нашу операционную эффективность, но и поддерживает местную экономику и соответствует нашим целям устойчивого развития.

## LOCAL CHEMICALS USAGE/ MECTHЫЕ ИСПОЛЬЗУЕМЫЕ ХИМИКАТЫ

The current Well Service business partners is SLS Oil JV LLP and Aksai Operating LLP;

See the table below for the chemicals used by SLS Oil JV LLP and AO LLP, which are produced in Kazakhstan.

Текущий бизнес-партнеры по скважинным операциям SLS Oil JV LLP и Аксай Оперейтинг. См. таблицу ниже для химикатов, используемых SLS Oil JV LLP и Аксай Оперейтинг, производимые в Казахстане.

Products / Продукты	Consumption in 2023 / Потребление в 2023 г.	Consumption in 2024 / Потребление в 2024 г.
B628, H2S Corrosion Inhibitor / Ингибитор коррозии H2S	18.5 m3	64.4 m3
U066, Mutual Solvent / растворитель	21 m3	50 m3
B694, Corrosion Inhibitor / Ингибитор коррозии	1.3 m3	4.5 m3
Y001, Intensifier / Интенсификатор	1.2 MT	1.76 MT
J716, Organic Solvent / Органический растворитель		23 m3
H33, Hydrochloric Acid 33% / Соляная кислота 33%	105.4 m3	390.9 m3
Nitrogen / Азот	200 m3	950 m3
33% HCL / Соляная кислота 33%	1381 MT	670 MT

KPO does not purchase nor deal with producers of the chemicals for Well Operations but exclusively through the service provider who has its own suppliers / vendors.

КПО не покупает и не работает с производителями химических веществ для операций на скважинах напрямую, а исключительно через поставщика услуг, у которого есть свои собственные поставщики.

# IMPORTED CHEMICALS FOR LOCALIZATION/ ИМПОРТИРУЕМЫЕ ХИМИЧЕСКИЕ ВЕЩЕСТВА ДЛЯ ЛОКАЛИЗАЦИИ

KPO is interested in localization of the following chemicals / КПО заинтересована в локализации следующих химических веществ:

	Drilling Fluids / Буровые Растворы			Cement slurry / Цементные растворы	
#	General Name / Общее название	Average annual demand, MT / Среднегодовой сп рос, MT	#	General Name / Общее название	Average annual dem and, MT / Среднего довой спрос, MT
1	1 Base Oil / Базовое масло 3500		1	Dispersants / Диспергатор	6.8
2	Calcium Chloride (CaCL2) / Хлорид кальция	350	2	Mutual Solvent / Растворитель	1.15
3	Fluids loss control agents / Агенты контроля потерь жидкост и	25	3	Foam Preventer / Пеногаситель	1
4	Lime / Известь	300	4	Expansion Control / Расширитель	10
5	LCM (various) /материал для борьбы с потерей циркуляции (различные)	50	5	Anti-settling Agent / Контроль осадки	0.5
6	Shale Inhibitor / Ингибитор сланцев	50	6	Spacer Surfactant / Буфер-ПАВ	1.15
7	Sodium Chloride Salt (NaCl) / Хлорид натрия	50	7	Bonding Agent / Газоблокатор	2.5
8	Viscosifiers / загустители	25	8	Fluids Loss Control / Агент по водоотдаче	3.2
9	Wetting agents / Смачиватели	25	9	FL & Rheology Control / контроль реологии	10

Note: the average annual volumes may vary depending on the scope of work and number of rigs.

Should forum participants be interested in development/localization of chemicals production in the territory of the Republic of Kazakhstan, we are open for further discussion

Примечание: среднегодовые объемы могут варьироваться в зависимости от объема работ и количества буровых установок. Если участники форума заинтересованы в развитии/локализации производства химических веществ на территории Республики Казахстан, мы открыты для дальнейшего обсуждения.

## HSE STANDARDS/ СТАНДАРТЫ ОТ, ТБ И ООС

And in conclusion of the presentation,
I would like to add that compliance with
HSE standards at the facility is a key factor
in achieving maximum efficiency in
production. In this regard, I wish all
attendees dynamic development and safe
work. And for Kazakhstan chemical product
manufacturers, I wish to achieve
recognition not only in the domestic market
of our country but also to be in demand at
the international level.

В заключение презентации, я хотела бы добавить, что соблюдение стандартов охраны труда, техники безопасности и экологии (HSE) на объекте является ключевым фактором для достижения максимальной эффективности в производстве. В связи с этим, я желаю всем присутствующим динамичного развития и безопасной работы. А для производителей химической продукции Казахстана я желаю добиться признания не только на внутреннем рынке нашей страны, но и быть востребованными на международном уровне.

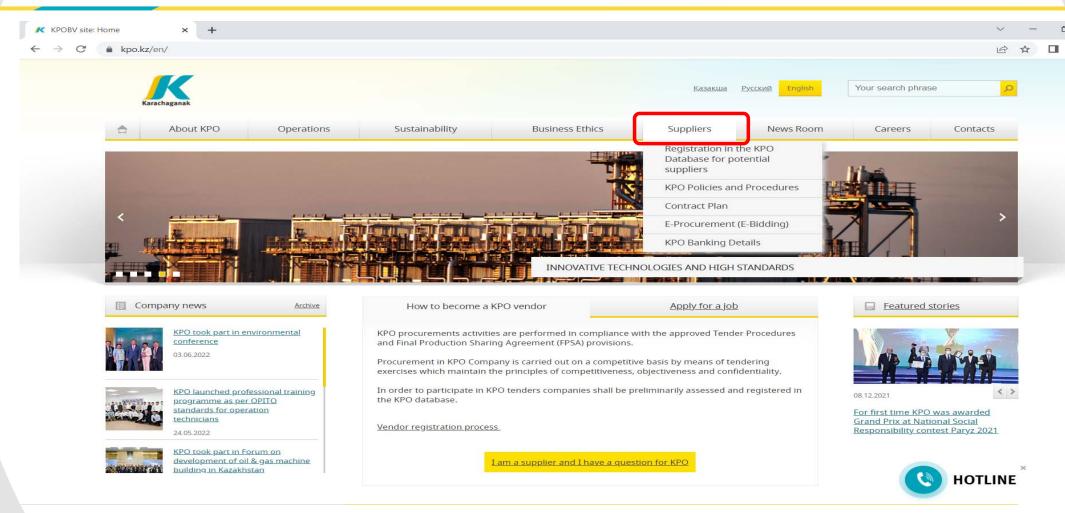








## **KPO SUPPLIERS DATABASE**



24/06/2024



#### **VENDOR REGISTRATION**

#### All potential suppliers shall be registered in KPO Database

REGISTRATION PROCESS

**REGISTRATION** 

ETHICAL DUE DILIGENCE

Provision of information on:

- Technical Competency
- Work Experience in the declared categories of goods and / or works and / or services
- Personnel Availability
- Financial Turnover
- etc.

Define an Ethical Due Diligence level in accordance with KPO Legal requirements:

- Compliance with Kazakhstan and Foreign legislation
- Compliance with Company internal regulations
- Submission of potential suppliers shareholder lists

Vendor registration in KPO Vendor Database does not guarantee the participation in a tender or contract award, but suggests that a registered company may be considered as a market research participant for provision of goods, works and services for further pre-qualification process or tender as the need arises.



#### **VENDOR REGISTRATION**

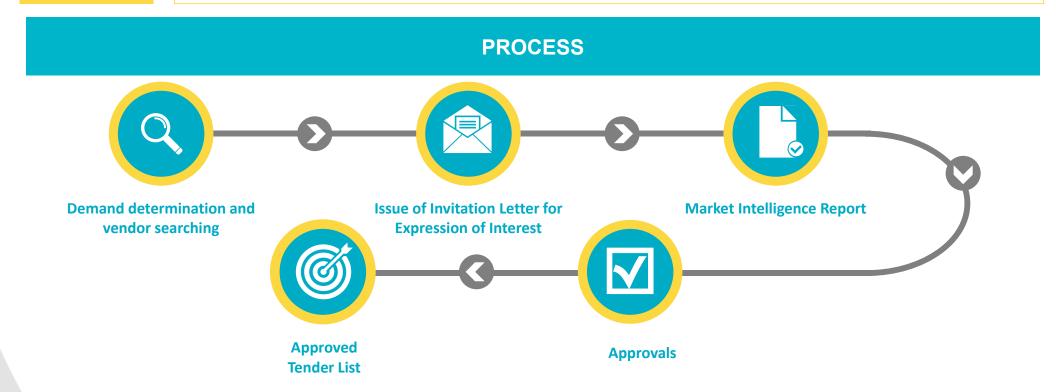
- To register in KPO Vendor Database, potential supplies shall:
  - Download a questionnaire on KPO website <a href="https://kpo.kz/ru/postavshchikam/registracija-v-baze-dannykh-postavshchikov-kpo">https://kpo.kz/ru/postavshchikam/registracija-v-baze-dannykh-postavshchikov-kpo</a>
  - Fill in the questionnaire for the preliminary vendor assessment and indicate activity codes
  - Attach copies of required documents
  - Submit the completed pack of documents for vendor assessment and registration by e-mail at MIVQ@kpo.kz
  - Contact phone: +7 (711336) ext. 4943, 4946, 2192
- KPO encourages Suppliers to update registration data on an ongoing basis, related to:
  - Work Experience in the declared categories of goods, works, services
  - Certification, accreditation
  - Reorganization
  - Contact persons



## MARKET RESEARCH

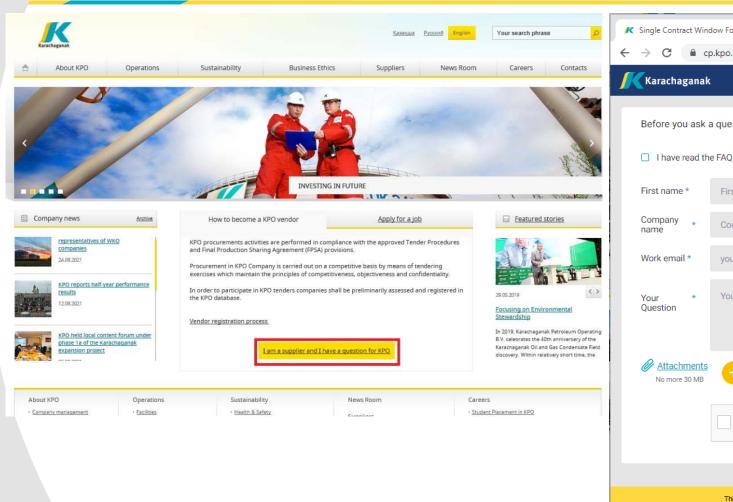
#### **Purpose**

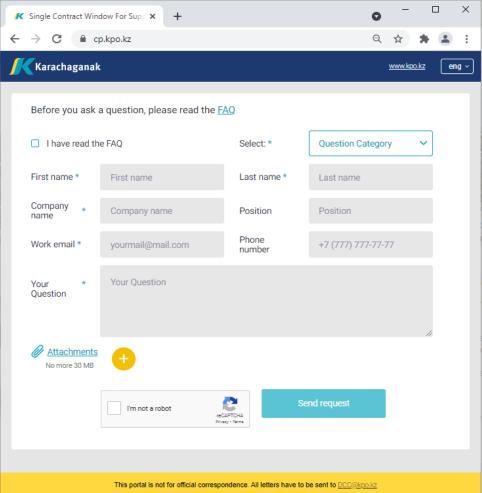
- Define potential suppliers of goods, works, services who can perform as per KPO requirements
- Ensure free competition for KPO tenders





## "SINGLE WINDOW" SYSTEM





<sup>9</sup> 24/06/2024 карачаганак петролиум оперейтинг б.в.





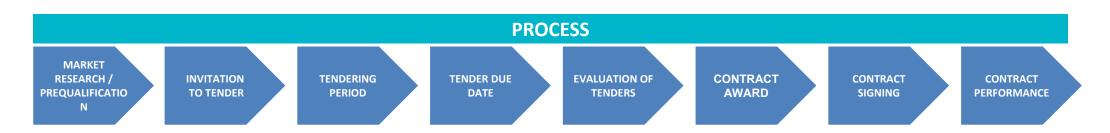
# PROCUREMENT PROCESS



## PROCUREMENT PROCESS

#### KPO shall perform the procurement activities in accordance with:

- the Final Production Sharing Agreement (confidential and intended only for the use of KPO, its Shareholders and the Republic) and the Joint Operating Committee's Tender Procedures (JOC)
- current legislation
- approved budget and work program



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## MAXIMUM ATTENTION SHALL BE PAID TO









TENDER PACKAGES
SUBMISSION
REQUIREMENTS

TENDER PACKAGES
SUBMISSION
REQUIREMENTS THROUGH EBIDDING SYSTEM
(Link to the instructions)

INSTRUCTIONS TO TENDERERS

**TENDER DUE DATE / TIME** 

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## TENDER DOCUMENTATION CONTENTS

- 1. Cover letter
- 2. Forms, that shall be mandatorily signed, stamped and provided within timeframe specified:
  - Tender Acknowledgement and Confidentiality Agreement
  - Form of Tender
  - Certificate of Corporate Ownership and Declaration of Compliance
- 3. A package of documents related directly to the tender subject itself
- 4. Instructions to Tenderers
  - Form of Contract includes:
    - Form of Agreement
    - Schedule A General Terms and Conditions
    - Schedule B Scope of Goods/Services to be Supplied and Specifications
    - Schedule C Compensation and Payment
    - Schedule D Health, Safety and Environment (HSE) requirements
    - Schedule E Special Conditions
    - Schedule F Statement of Local Content
    - Schedule H Industrial Relations
  - Questionnaire for Tender Participants
  - List of goods and technical delivery conditions (if applicable)
- 5. Instructions for preparing a tender proposal:
  - Instructions to Tender Participants
  - Bid marking template





Mechanisms to support Kazakhstani Suppliers



#### KEY PRINCIPLES FOR KPO LOCAL CONTENT

In accordance with the FPSA, the Operator shall strive to maximize the use of GWS from Kazakhstani sources at each stage of the procurement process where procurement from such sources is justified in terms of price competitiveness, efficiency, operational parameters, terms of delivery and quality.

KPO, as one of the leading oil and gas companies in the Republic of Kazakhstan, strives to support the sustainable development of local suppliers in Kazakhstan and maximize opportunities for LC development, in accordance with the obligations of the FPSA and the legislation of the Republic of Kazakhstan.

The company fully supports the initiatives of the Government of the Republic of Kazakhstan aimed to the development of local suppliers, and recognizes the importance of attracting more local manufacturers to the Karachaganak project development. On this occasion, KPO is implementing various initiatives to develop local content.

Therefore, before implementing new processes, philosophies, optimization or development programs, KPO strives to:

- 1. Save the achieved LC level
- 2. Increase the share of LC
- 3. Continuously expand the range and list of purchased goods from local manufacturers

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#### MECHANISMS TO SUPPORT KAZAKHSTANI SUPPLIERS AND LOCALIZE PRODUCTION

NAME OF THE MECHANISM	DESCRIPTION
	a form of Advance Procurement*
	The method of awarding the contract is a competitive tender process
Early tender	The goal is to organize the production of goods in the Republic of Kazakhstan.
	A tender for the supply of goods based on the results of which the Operator enters into a contract for the supply of goods with a suspensive condition or with a long-term delivery schedule until the Operator has a need for such goods.
	Operator contract
	Contract award methods - Tender, Negotiation, Single source, Sole source.
Trial Order	<b>The purpose of such a contract</b> is to purchase samples of Goods from Kazakhstani manufacturers for testing and checking for compliance with technical standards and operational requirements of KPO.
	<ul> <li>Basic conditions of the Trial order</li> <li>Conformity of the Goods to the type for oil and gas operations</li> <li>Minimum purchase volume</li> <li>Objectivity of tests and inspections</li> </ul>

<sup>6</sup> 24/06/2024 КАРАЧАГАНАК ПЕТРОЛИУМ ОПЕРЕЙТИНГ Б.В.

<sup>\*</sup>Advance Procurement means a form of procurement as a result of which the Operator agrees a contract for goods the delivery of which may be delayed or subject to a multi-year schedule depending on Operator's requirement for such goods, including but not limited to Early Tenders.



#### MECHANISMS TO SUPPORT KAZAKHSTANI SUPPLIERS AND LOCALIZE PRODUCTION

NAME OF THE MECHANISM	DESCRIPTION		
Contract in exchange for investment	A contract in exchange for investment is a long-term contract concluded on a Single source basis, under which the supplier undertakes to produce goods of local origin that are the subject of a procurement contract in the territory of the Republic of Kazakhstan.  Methods of contract award are negotiations, Single source basis.  The goal is to organize the production of goods in the Republic of Kazakhstan.  Basic terms of the contract in exchange for investment  Long - term contract; Single source basis; Obligation to organize the production of goods of local origin on the territory of the Republic of Kazakhstan.		
Kazakh Tender	Procedure for participation of Kazakhstani suppliers  The method of awarding the contract is a competitive tender process exclusively among Kazakhstan suppliers of GWS.  The goal is to award contracts to Kazakhstani suppliers of GWS.  Conditions for holding a tender among Kazakhstani suppliers  Given that:  Minimum number of Kazakhstan suppliers  (ii) the presence of at least 5 pre-qualified Kazakhstan suppliers, the Contractor undertakes to conduct the tender exclusively among Kazakhstan suppliers.		

 $^{7}$  24/06/2024 КАРАЧАГАНАК ПЕТРОЛИУМ ОПЕРЕЙТИНГ Б.В.

## Thank You!