



ROSATOM

STATE ATOMIC ENERGY CORPORATION "ROSATOM"

# **Program for procurement procedures for maintenance and technical support of Russian NPPs»**

*"Atomex-Europe 2013" Forum*

**Anatoly V. Baitov**  
**Deputy Director**  
**for Procurement and Material Supplies**  
**JSC «Concern Rosenergoatom»**

**October 8-9, 2013**  
**Brno, Czech Republic**

# Key Performance Indicator (KPI): «Average Time from Purchase Application to Vendor Selection Decision»

**Strategic goal: Increase in performance of purchasing activity**

**The indicator is introduced for organizations within nuclear industry**

**The indicator is calculated based on the purchases made by both the authorized bodies and individual industrial entities**

Rated time period by purchase methods :	
Tender	91 days
Auction	81 days
Reverse auction	81 days
Request for proposal	71 days
Request for quotation	66 days
Competitive negotiations	76 days

# Actual Performance Indications for Procurement Activities for 9 months ( 2013)

*Functional KPI introduced by State Corporation «Rosatom»*

**Timeliness of development and approval of Annual procurement program (APP) for the year of 2014**

**Target figures**

**September 30, 2013**

**Share of the open procurement procedures**

**93%**

**Average time from purchase application to vendor selection decision**

**Scheduled number of days**  
(depending on the kind of procurement procedure )

**Share of competitive procurement procedures for which the claims in relation to purchase organizer actions are recognized reasonable**

**0,7%**

# Actual Performance Indications for Procurement Activities for 9 months ( 2013)

*KPI introduced by OJSC «Concern Rosenergoatom»*

Target figure

Compliance with the scheduled time for APP and time for M&TS delivery

0,95 (of 1)

Reduction in cost for purchase of goods (works, services) by at least 10% in a year as compared with the year of 2012 in real terms of the year of 2010

Implementation achieved

Conduct of procurement procedure and equipment supply under production program of OJSC «Concern Rosenergoatom»

0,95 (of 1)

Conduct of procurement procedure and equipment supply under investment program of OJSC «Concern Rosenergoatom»

0,95 (of 1)

Compliance with the target stock level

Implementation achieved

## Share of Purchase of Imported Equipment in the Total Volume of Annual Procurement Program of JSC «Concern Rosenergoatom»

2012 – 9,5% of the volume of Company APP

2013 – 10% of the volume of Company APP

2014 – maintaining the tendencies of APP-2012 and APP-2013

# Scope of Equipment Purchased by OJSC «Concern Rosenergoatom» from Czech Manufacturer for Power Units in Operation and under Construction

NPP	Vendor	Manufacturer	Name	Total price, ruble
<b>Kursk NPP</b>	<b>«MOSTRO» Ltd.</b>	<b>PA «Mostro»</b>	<b>VALVES</b>	<b>100 blb. Rb</b>
<b>Beloyarsk NPP</b>	<b>«EMKO» Ltd.</b>	<b>ARAKO</b>		
	<b>CJSC «RIMERA»</b>	<b>MSA</b>		
	<b>OJSC«Atomenergomash»</b>	<b>ARAKO</b>		

# Scope of Equipment Purchased by the Engineering Companies from Czech Manufacturer for Russian Power Units under Construction

Equipment name	Cost of purchased equipment, bln.rub., VAT included	Manufacturer	To be supplied to (NPP in Russia)
Pipeline valves	50	Mostro	Rostov NPP, Units 2 and 3 Kalinin NPP, Unit 4 Leningrad NPP-2, Units 1 and 2
Pipeline valves	170	MSA	Rostov NPP, Units 2 and 3 Kalinin NPP, Unit 4 Leningrad NPP-2, Units 1 and 2
Shut-off valves	200	Arako	Rostov NPP, Units 2 and 3 Kalinin NPP, Unit 4 Novovoronezh NPP-2, Unit 1
Main feedwater pumps	600	Sigma Group	Novovoronezh NPP-2, Units 1 and 2
TOTAL	1020		

# Organizational Structure for System of Voluntary Certification of Productions at the Manufactures' of Nuclear-Grade Equipment for Compliance with the Requirements of Operating Utility OJSC «Concern Rosenergoatom»

## Governing Body of the System

- Chairman of the Governing Body – First Deputy to Director General JSC «Concern Rosenergoatom»;
- Deputy Chairman of the Governing Body – Director for Quality OJSC «Concern Rosenergoatom».

Department of JSC «Concern Rosenergoatom» for handling issues of equipment manufacturers\*  
\*- structural unit to be established in line with OJSC «Concern Rosenergoatom» order from 28.05.2013 № 9/469-II. Basic function is to provide technical support to the Governing Body of the System.

## Governing Body of the System

## Contractors for certification activities

### Certification body

Expert organizations

Commissions for  
production inspection

# Diagram for Certification Procedure for Manufactures of Nuclear-Grade Equipment

The drafts for OU MD are developed by OJSC «Concern Rosenergoatom» and coordinated with SC «Rosatom»

**PRODUCTION OF AT THE MANUFACTURERS' OF NUCLEAR – GRADE EQUIPMENT OF SAFETY CLASSES 1, 2, 3, 4**

Regulations for functioning of the System are approved by Director General of OJSC «Concern Rosenergoatom»

OU MD «Production certification procedure»

OU MD «Documents review procedure for the equipment supplied to plant site»

OU MD «Regulation on the inspection of the production state at the manufacturers' of nuclear-grade equipment»

Voluntary certification of productions

Tender with evaluation criteria:  
-price (75%);  
-availability of production certificates (max 25%\*)

**Supply**

Production inspection

Review of M&ED

Testing

Operation inspection

Nomenclature groups of equipment which productions at the manufacturers' are subject to immediate certification :  
– electrical equipment(safety class 4);  
–pipeline valves (safety class 4);  
–pumping equipment (safety classes 1-4 )

\* In cases where the participants to the competitive procurement procedure are in possession of certificates in the System within the range of the effective certificates for production by the nomenclature group, type and performance which fully comply with the purchased equipment or identical only by nomenclature but different by type and/or performance, the weight significance of the criteria in the first instance should be greater than in the second. \*

**Thank you for your attention!**

**Dekuji za pozornost!**