Notice of Public Tender

Crown Petroleum and Natural Gas Rights



Ministry of Natural Gas Development

Upstream Development Division

February 24, 2016

PROVINCE OF BRITISH COLUMBIA MINISTRY OF NATURAL GAS DEVELOPMENT

PUBLIC NOTICE OF COMPETITION FOR THE RIGHT TO EXPLORE AND DEVELOP CROWN PETROLEUM AND NATURAL GAS RESOURCES February 24, 2016

Pursuant to Section 71 of the *Petroleum and Natural Gas Act* (the Act), sealed bids will be received up to **12:00 noon**, **Wednesday**, **February 24**, **2016** for the privilege of obtaining petroleum and natural gas rights detailed in the parcel descriptions below.

Bids must be addressed to the Minister of Natural Gas Development, and submitted to the office of the Executive Director, Tenure and Geoscience Branch, Upstream Development Division, 6th floor, 1810 Blanshard Street, V8T 4J1.

Bidding procedures and requirements are detailed in the <u>Guide to Bidding and Dispositions of Crown Petroleum and Natural Gas Rights</u>. A copy of this guide can be requested by email at <u>pngtitles@gov.bc.ca</u> or by telephone at (250) 952-0333.

In order to be considered, a bid must be prepared and submitted consistent with the requirements specified in the Guide to Bidding and Disposition of Crown Petroleum and Natural Gas Rights.

A bid is evaluated against other bids received for the parcel, the geological potential of the parcel, and historical and current bidding trends. Tenure is awarded based on this evaluation. The Minister reserves the right to reject any or all bids if it is determined that acceptance of the bid(s) would not be in the best interest of the Crown.

Tenure is issued in accordance with and conveys the rights described in the Act.

The Ministry considers referral comments received from provincial agencies, local governments and First Nations which are incorporated, where appropriate, as specific information in the parcel descriptions. Parcels may overlap one or more legal designations that may affect operations associated with the tenure, including, but not limited to:

- Ungulate Winter Ranges,
- Wildlife Habitat Areas,
- Old Growth Management Areas,
- Agricultural Land Reserve,
- Protected Areas & Parks,
- Indian Reserves,
- existing resource use and Land Act tenures, and
- Reserves issued under various Provincial and Federal legislation.

This is not an exhaustive list and legal designations may be added or changed.

The grant of tenure does not guarantee the issuance of a permit to conduct oil and gas activity. Successful bidders must apply for activity permits from the BC Oil and Gas Commission (Commission) under the *Oil and Gas Activities Act* and/or from other agencies where applicable. The Commission may impose conditions on activity permits. The Commission uses Area-based Analysis (ABA) as a tool in the application review process (for more information please contact the Commission). Successful bidders should also be aware that they will be required to abide by the various laws governing exploration and development whether or not specific terms are listed in this notice. The laws governing exploration and development may be amended from time to time.

For More Information:

Executive Director, Tenure and Geoscience Branch Upstream Development Division Ministry of Natural Gas Development PO Box 9326, Stn Prov Govt Victoria, BC V8W 9N3

Telephone: (250) 952-0333 Facsimile: (250) 952-0331 Email: pngtitles@gov.bc.ca Oil and Gas Commission PO Box 9331 Victoria, BC V8W 9N3 Telephone: (250) 419-4400 http://www.bcogc.ca/contact

The right to reject any or all bids is reserved.

DATED at Victoria, British Columbia

this 7th day of January, 2016.

Rich Coleman

Minister of Natural Gas Development

Tenure Types and Rights Conferred:

Permits confer the exclusive right to apply under the Oil and Gas Activities Act to do exploratory drilling for petroleum, natural gas or both on land owned by the government and within the boundaries of the location of the permit. The issue or existence of a permit does not prohibit a person other than the holder of the permit from carrying out geological work or geophysical exploration in accordance with the Oil and Gas Activities Act. (PNG Act, s. 38(1) and (2))

Drilling licences confer the right to explore for petroleum and natural gas. (PNG Act: Drilling Licence Regulation, s.1)

Leases confer the exclusive right to produce, in accordance with the Petroleum and Natural Gas Act and the Oil and Gas Activities Act, both the petroleum and natural gas from the location of the lease. (PNG Act, s. 50)

	DRILLING LICENCES	
PARCEL	LEGAL DESCRIPTION	НА
65892	TRACT 1	259
	TWP 079 RGE 16 W6M SEC 28	
	INCLUDING PETROLEUM AND NATURAL GAS BELOW BASE 33004 MONTNEY (EXCLUDING BASAL LAG)	
	33004 MONTNEY ZONE (EXCLUDING BASAL LAG) DEFINED IN THE INTERVAL 2028.1M-2338.6M ON THE BOREHOLE COMPENSATED SONIC LOG OF THE WELL W.A. 6717 10-18-79-14 W6M	
Caveat	PARCEL LOCATED WITHIN TREATY 8 AREA.	
	THE BC OIL AND GAS COMMISSION USES AREA BASED ANALYSIS (ABA) AS A TOOL IN THE APPLICATION REVIEW PROCESS; THIS PARCEL OVERLAPS ABA "ENHANCED MANAGEMENT" STATUS WITHIN RIPARIAN RESERVE ZONES (FOR MORE INFORMATION CONTACT THE COMMISSION).	
	PARCEL IS LOCATED WITHIN HORN RIVER, MONTNEY OR CORDOVA EMBAYMENT BOUNDARIES IN WHICH SHALE GAS RECOVERY AND TECHNOLOGY IS ANTICIPATED; PARTICIPATION IN A WATER OR ACCESS PLANNING PROCESS WITH OTHER TENURE HOLDERS MAY BE REQUIRED TO COORDINATE ACTIVITIES, EXPLORATION AND DEVELOPMENT.	
	ACCESS AND CONSTRUCTION RESTRICTIONS MAY APPLY. PRIOR TO ON-THE-GROUND ACTIVITY, CONTACT THE APPROPRIATE PROVINCIAL MINISTRY FOR APPLICABLE MANAGEMENT AND PROTECTION MEASURES TO MINIMIZE DISTURBANCE AND ADDRESS THE FOLLOWING (NOT LIMITED TO):	
	BLUE OR RED LISTED SPECIES	
	COAL TENURE MAY CURRENTLY EXIST OR IN THE FUTURE BE ISSUED IN THIS LOCATION, UNDER THE PROVISIONS OF THE COAL ACT, SBC2004, C. 15 AS AMENDED FROM TIME TO TIME, OR ANY FORMER COAL ACT. BEFORE COMMENCING ANY EXPLORATION OR DEVELOPMENT WORK ON THE LOCATION, REASONABLE EFFORTS MUST BE MADE TO NEGOTIATE A COMPATIBLE EXPLORATION AND DEVELOPMENT PROGRAM WITH THE HOLDER OF COAL TENURE OVER THE LOCATION AS SPECIFIED IN INFORMATION LETTER TITLES-05-02 OR AS AMENDED.	
	PARCEL WITHIN OR PARTIALLY WITHIN THE AGRICULTURAL LAND RESERVE; RESTORATION OF SURFACE SOIL ON DISTURBED AREAS REQUIRED. PRECAUTIONS REQUIRED TO PREVENT THE INTRODUCTION OR SPREAD OF WEEDS AND PLANT DISEASES.	
	POTENTIAL FOR ARCHAEOLOGICAL RESOURCES EXISTS; ARCHAEOLOGICAL IMPACT ASSESSMENT MAY BE REQUIRED.	
	TERM: 3 YEARS	
	FEES: \$500.00	
	RENT PER HA: \$3.50	
	NO FURTHER TRACTS	
	REFERENCE NUMBER: 1602001	

PARCEL	LEGAL DESCRIPTION	HA
65893	TRACT 1	261
	TWP 079 RGE 16 W6M SEC 29	
	INCLUDING PETROLEUM AND NATURAL GAS BELOW BASE 33004 MONTNEY (EXCLUDING BASAL LAG)	
	33004 MONTNEY ZONE (EXCLUDING BASAL LAG) DEFINED IN THE INTERVAL 2028.1M-2338.6M ON THE BOREHOLE COMPENSATED SONIC LOG OF THE WELL W.A. 6717 10-18-79-14 W6M	
Caveat	PARCEL LOCATED WITHIN TREATY 8 AREA.	
	THE BC OIL AND GAS COMMISSION USES AREA BASED ANALYSIS (ABA) AS A TOOL IN THE APPLICATION REVIEW PROCESS; THIS PARCEL OVERLAPS ABA "ENHANCED MANAGEMENT" STATUS WITHIN RIPARIAN RESERVE ZONES (FOR MORE INFORMATION CONTACT THE COMMISSION).	
	PARCEL IS LOCATED WITHIN HORN RIVER, MONTNEY OR CORDOVA EMBAYMENT BOUNDARIES IN WHICH SHALE GAS RECOVERY AND TECHNOLOGY IS ANTICIPATED; PARTICIPATION IN A WATER OR ACCESS PLANNING PROCESS WITH OTHER TENURE HOLDERS MAY BE REQUIRED TO COORDINATE ACTIVITIES, EXPLORATION AND DEVELOPMENT.	
	ACCESS AND CONSTRUCTION RESTRICTIONS MAY APPLY. PRIOR TO ON-THE-GROUND ACTIVITY, CONTACT THE APPROPRIATE PROVINCIAL MINISTRY FOR APPLICABLE MANAGEMENT AND PROTECTION MEASURES TO MINIMIZE DISTURBANCE AND ADDRESS THE FOLLOWING (NOT LIMITED TO):	
	BLUE OR RED LISTED SPECIES	
	COAL TENURE MAY CURRENTLY EXIST OR IN THE FUTURE BE ISSUED IN THIS LOCATION, UNDER THE PROVISIONS OF THE COAL ACT, SBC2004, C. 15 AS AMENDED FROM TIME TO TIME, OR ANY FORMER COAL ACT. BEFORE COMMENCING ANY EXPLORATION OR DEVELOPMENT WORK ON THE LOCATION, REASONABLE EFFORTS MUST BE MADE TO NEGOTIATE A COMPATIBLE EXPLORATION AND DEVELOPMENT PROGRAM WITH THE HOLDER OF COAL TENURE OVER THE LOCATION AS SPECIFIED IN INFORMATION LETTER TITLES-05-02 OR AS AMENDED.	
	PARCEL WITHIN OR PARTIALLY WITHIN THE AGRICULTURAL LAND RESERVE; RESTORATION OF SURFACE SOIL ON DISTURBED AREAS REQUIRED. PRECAUTIONS REQUIRED TO PREVENT THE INTRODUCTION OR SPREAD OF WEEDS AND PLANT DISEASES.	
	POTENTIAL FOR ARCHAEOLOGICAL RESOURCES EXISTS; ARCHAEOLOGICAL IMPACT ASSESSMENT MAY BE REQUIRED.	
	TERM: 3 YEARS	
	FEES: \$500.00	
	RENT PER HA: \$3.50	
	NO FURTHER TRACTS	
	REFERENCE NUMBER: 1602002	

	LEASES	
PARCEL	LEGAL DESCRIPTION	НА
65894	TRACT 1	282
	NTS 094-A-15 BLK I UNITS 76 77 86 87	
	INCLUDING PETROLEUM AND NATURAL GAS BELOW BASE 34007 ARTEX-HALFWAY-DOIG	
	34007 ARTEX-HALFWAY-DOIG (BASE 'A' MARKER TO BASE DOIG PHOSPHATE) ZONE IDENTIFIED IN THE INTERVAL 1359.4-1419.9M ON THE MONOPOLE-DIPOLE ACOUSTIC LOG AND THE SPECTRAL PE DENSITY COMPENSATED NEUTRON GAMMA RAY LOG OF THE WELL W.A. 17462 2-13-88-14 W6M	
Caveat	PARCEL OVERLAPS CROWN LAND LOCATED WITHIN THE TREATY #8 AREA AND THE PROVINCE ENCOURAGES EARLY PRE-APPLICATION ENGAGMENT WITH THE RELEVANT FIRST NATIONS; PLEASE CONTACT THE OIL AND GAS COMMISSION FOR GUIDANCE. PARCEL WAS REFERRED TO THE FOLLOWING FIRST NATION(S) FOR REVIEW AND COMMENT (NOTE THAT SUBSEQUENT CONSULTATION WITH FIRST NATIONS, NOT NECESSARILY LIMITED TO THOSE LISTED BELOW, MAY BE REQUIRED PRIOR TO ACTIVITIES BEING AUTHORIZED ON CROWN LAND):	
	BLUEBERRY RIVER FIRST NATIONS	
	DOIG RIVER FIRST NATION	
	THE FOLLOWING FIRST NATION(S) HAS/HAVE ADVISED THAT THE AREA IS USED FOR PRACTISING THEIR TREATY RIGHTS:	
	BLUEBERRY RIVER FIRST NATIONS	
	THE FOLLOWING FIRST NATION(S) HAS/HAVE REQUESTED EARLY ENGAGEMENT, PRIOR TO SUBMITTING AN APPLICATION TO THE OIL AND GAS COMMISSION, TO PROVIDE THE PROPONENT WITH THE OPPORTUNITY TO DISCUSS FIRST NATION(S) INTERESTS (ASSESSMENTS; MONITORING STUDIES; AND MITIGATION, MANAGEMENT AND/OR RECLAMATION PLANS MAY BE REQUESTED):	
	DOIG RIVER FIRST NATION	
	ACCESS, EXPLORATION AND CONSTRUCTION RESTRICTIONS MAY APPLY TO PROTECT ACTIVITIES AND INTERESTS IDENTIFIED IN THE AREA BY ONE OR MORE FIRST NATIONS. THESE INCLUDE BUT ARE NOT LIMITED TO:	
	TRADITIONAL USE	
	CARIBOU (BOREAL)	
	UNCONVENTIONAL OIL AND GAS DEVELOPMENT	
	PORTION OF THE PARCEL OVERLAPS AN AREA IDENTIFIED BY THE DOIG RIVER FIRST NATION AS A COMPLEX CONSULTATION ZONE. PROPOSED ACTIVITIES SPECIFICALLY WITHIN THE ZONE HAVE A LONGER FIRST NATION REVIEW AND RESPONSE PERIOD, CONTACT THE OIL AND GAS COMMISSION FOR FURTHER INFORMATION.	
	THE BC OIL AND GAS COMMISSION USES AREA BASED ANALYSIS (ABA) AS A TOOL IN THE APPLICATION REVIEW PROCESS; THIS PARCEL OVERLAPS ABA "ENHANCED MANAGEMENT" STATUS WITHIN RIPARIAN RESERVE ZONES (FOR MORE INFORMATION CONTACT THE COMMISSION).	
	PARCEL OVERLAPS WILDLIFE HABITAT AREA AND/OR UNGULATE WINTER RANGE ESTABLISHED UNDER THE ENVIRONMENTAL PROTECTION AND MANAGEMENT REGULATION OF THE OIL AND GAS ACTIVITIES ACT. ACCESS RESTRICTIONS MAY APPLY; CONTACT THE BC OIL AND GAS COMMISSION FOR MORE INFORMATION.	
	ACCESS AND CONSTRUCTION RESTRICTIONS MAY APPLY. PRIOR TO ON-THE-GROUND ACTIVITY, CONTACT THE APPROPRIATE PROVINCIAL MINISTRY FOR APPLICABLE	

	MANAGEMENT AND PROTECTION MEASURES TO MINIMIZE DISTURBANCE AND ADDRESS THE FOLLOWING (NOT LIMITED TO):	
	BLUE OR RED LISTED SPECIES	
	POTENTIAL FOR ARCHAEOLOGICAL RESOURCES EXISTS; ARCHAEOLOGICAL IMPACT ASSESSMENT MAY BE REQUIRED.	
	TERM: 5 YEARS	
	FEES: \$500.00	
	RENT PER HA: \$7.50	
	NO FURTHER TRACTS	
	REFERENCE NUMBER: 1602003	
PARCEL	LEGAL DESCRIPTION	НА
65895	TRACT 1	282
	NTS 094-H-01 BLK B UNITS 36 37 46 47	
	INCLUDING PETROLEUM AND NATURAL GAS ALL ZONES	
	PARCEL LOCATED WITHIN TREATY 8 AREA.	
	THE BC OIL AND GAS COMMISSION USES AREA BASED ANALYSIS (ABA) AS A TOOL IN	
	THE APPLICATION REVIEW PROCESS; THIS PARCEL OVERLAPS ABA "ENHANCED	
	MANAGEMENT" STATUS WITHIN RIPARIAN RESERVE ZONES (FOR MORE INFORMATION	
	CONTACT THE COMMISSION).	
	PARCEL OVERLAPS WILDLIFE HABITAT AREA AND/OR UNGULATE WINTER RANGE	
	ESTABLISHED UNDER THE ENVIRONMENTAL PROTECTION AND MANAGEMENT	
	REGULATION OF THE OIL AND GAS ACTIVITIES ACT. ACCESS RESTRICTIONS MAY APPLY; CONTACT THE BC OIL AND GAS COMMISSION FOR MORE INFORMATION.	
	ACCESS AND CONSTRUCTION RESTRICTIONS MAY APPLY. PRIOR TO ON-THE-GROUND	
	ACTIVITY, CONTACT THE APPROPRIATE PROVINCIAL MINISTRY FOR APPLICABLE	
	MANAGEMENT AND PROTECTION MEASURES TO MINIMIZE DISTURBANCE AND ADDRESS	
	THE FOLLOWING (NOT LIMITED TO):	
	BLUE OR RED LISTED SPECIES	<u> </u>
	POTENTIAL FOR ARCHAEOLOGICAL RESOURCES EXISTS; ARCHAEOLOGICAL IMPACT ASSESSMENT MAY BE REQUIRED.	
	TERM: 10 YEARS	
	FEES: \$500.00	
	RENT PER HA: \$7.50	
	NO FURTHER TRACTS	
	REFERENCE NUMBER: 1602004	
PARCEL	LEGAL DESCRIPTION	НΑ
65898	TRACT 1	282
	NTS 094-A-14 BLK I UNITS 58 59 68 69	
	INCLUDING PETROLEUM AND NATURAL GAS BELOW BASE 43001 BLUESKY-GETHING- DUNLEVY	
	43001 BLUESKY-GETHING-DUNLEVY ZONE DEFINED IN THE INTERVAL 1007.9M-1100.4M	╬
	ON THE BHC ACOUSTILOG GAMMA RAY LOG OF THE WELL W.A. 6790 A-7-E/94-H-02	
	PARCEL LOCATED WITHIN TREATY 8 AREA.	
	THE BC OIL AND GAS COMMISSION USES AREA BASED ANALYSIS (ABA) AS A TOOL IN	

	THE APPLICATION REVIEW PROCESS; THIS PARCEL OVERLAPS ABA "ENHANCED MANAGEMENT" STATUS WITHIN RIPARIAN RESERVE ZONES (FOR MORE INFORMATION CONTACT THE COMMISSION).	
	PARCEL IS LOCATED WITHIN HORN RIVER, MONTNEY OR CORDOVA EMBAYMENT BOUNDARIES IN WHICH SHALE GAS RECOVERY AND TECHNOLOGY IS ANTICIPATED; PARTICIPATION IN A WATER OR ACCESS PLANNING PROCESS WITH OTHER TENURE HOLDERS MAY BE REQUIRED TO COORDINATE ACTIVITIES, EXPLORATION AND DEVELOPMENT.	
	PARCEL WITHIN OR PARTIALLY WITHIN THE AGRICULTURAL LAND RESERVE; RESTORATION OF SURFACE SOIL ON DISTURBED AREAS REQUIRED. PRECAUTIONS REQUIRED TO PREVENT THE INTRODUCTION OR SPREAD OF WEEDS AND PLANT DISEASES.	
II II	POTENTIAL FOR ARCHAEOLOGICAL RESOURCES EXISTS; ARCHAEOLOGICAL IMPACT ASSESSMENT MAY BE REQUIRED.	
	TERM: 5 YEARS	
	FEES: \$500.00	
	RENT PER HA: \$7.50	
	NO FURTHER TRACTS	
	REFERENCE NUMBER: 1511013	

Parcels Offered and Hectares Summary

	No. Offered	Hectares
Permits	0	0
Drilling Licences	2	520
Leases	3	846
Grand Total	5	1366

NEXT DISPOSITION DATE: March 23, 2016