



फिदिम नगरपालिका
नगर कार्यपालिकाको कार्यालय



प.स:- ०८३/०८४

च.नं:- सूचना - ३

(कृषि/पशुपन्छी तथा मत्स्य विकास शाखा)



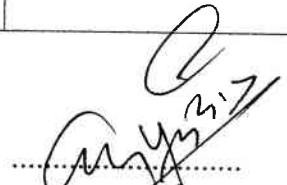
मिति: २०८३/०५/०२

विषय: दररेट पेश गर्नुहुन ।

प्रस्तुत विषयमा यस कार्यालयलाई आ.व ०८३/०८४ का लागि लागत अनुमान बनाउने प्रयोजनार्थ यसै पत्र साथ संलग्न स्पेशिफिकेशन बमोजिम Sex-sorted semen (Female) को दररेट ७ दिनभित्र उपलब्ध गराउनुहुन सम्बन्धित फर्म/कम्पनि तथा सप्लायर्स हरूमा अनुरोध छ ।

तपश्चिल:

क्र.स	सामग्रीको नाम	स्पेशिफिकेशन	इकाई	परिमाण	मुल्य अभिवृद्धि कर बाहेकको प्रति इकाई दर
१	Sex-sorted semen (Female)	Hoolstein attach doc	straw	1	
२	Sex-sorted semen (Female)	Jersey attach doc	straw	1	


कुमार प्रसाद भट्टराई
प्रमुख प्रशासकीय अधिकृत

Technical Specifications of Holstein Frozen Sex-Sorted Semen (Female)

Particulars	Phidim municipality, Panchthar Requirements	Remarks
Breed	Holstein (Dairy Breed)	
Semen Type	Sex-sorted (Female)	
Country of Origin	Australia, Canada, New Zealand, Europe, USA, South Korea, Japan, India (only for imported bull)	
Age of semen straw (Semen Production Date)	Not more than Six year	
Sperm in semen needed	Sex-sorted (Female) Semen with 90% accuracy of chances of female calves born (Documentary Proof needed)	
Sire's Dam's lactation details / performance	Milk Yield: > 10000 Kgs of milk / 305 days lactation	
	Milk Fat: >300 Kgs of fat/lactation (or >3.0% fat)	
	Milk Protein: >250 kgs of protein/lactation (or >3.0% protein)	
Sire Line	Individual bulls should be born from three (3) different sire lines and must be unrelated to each other for up to three (3) generations	
Pedigree (Sire and Dam) Information	- Sire and Dam should be registered under national data recording system using International Committee for Animal Recording (ICAR) approved or equivalent methods. - Pedigree information for at least 3 generations required	
Sire's Age	3 to 10 years of age	
In Case of Predicted Transmitting Ability (PTA) Value or EBV (Estimated Breeding Value) based on parental records	Milk kg: >100 kg above relevant country average (Lactational Yield)	
	Fat kg: > 10 kg above relevant country average (Lactational Yield)	
	Protein kg: > 5 kg above relevant country average (Lactational Yield)	
	Productive Life (PL): Positive	
	Beta Casein: A2A2 preferable	
Physical characteristics of semen straw	Frozen straw of 0.25 ml type, leak proof and machine sealed.	
Microscopic parameters of semen (post thawing)	- Motility: more than 45% - Number of spermatozoa 2-4 million sex-sorted Femal spermatozoa /straw - Abnormal sperm must be less than 20%	
Disease Free Status of Sire	- Free from OIE disease list. - The Bulls used for Semen collection should be free from reproductive, genetic, and vertically transmitted diseases. - Disease free Certificate must be included.	
Records / Certificates Included	- Individual records of concerning animals should specify breed, date of birth, identification number of dam and sire. - Detailed pedigree records - Health certificate from the relevant government veterinary authorities	
Semen Straw for Evaluation	At least three extra semen straw from each bull is required for sperm motility and other required tests	
Semen Straw Container / Dry Shipper	Frozen semen straws must be supplied keeping deep in liquid nitrogen inside straw container / Dry nitrogen vapour Shipper	
Additional Requirements	- An import permit should be taken from the Department of Livestock Services (DLS) for frozen semen before shipment of the consignment detailing the purpose of the import, source of frozen semen and quantity (number of doses) being imported. - Semen should be brought inside the country by air route only through animal quarantine check post along with official sanitary certificate.	

Technical Specifications of Jersey Frozen Sex-Sorted Semen (Female)

Particulars	Phidim municipality, Panchthar Requirements	Remarks
Breed	Jersey	
Semen Type	Sex-sorted (Female)	
Country of Origin	Australia, Canada, New Zealand, Europe, USA, South Korea, Japan, India (only for imported bull)	
Age of semen straw (Semen Production Date)	Not more than Six year	
Sperm in semen needed	Sex-sorted (Female) Semen with 90% accuracy of chances of female calves born (Documentary Proof needed)	
Sire's Dam's lactation details / performance	Milk Yield: > 6000 Kgs of milk / 305 days lactation	
	Milk Fat: >300 Kgs of fat/lactation (or >4.0% fat)	
	Milk Protein: >200 kgs of protein/lactation (or >3.0% protein)	
Sire Line	Individual bulls should be born from three (3) different sire lines and must be unrelated to each other for up to three (3) generations	
Pedigree (Sire and Dam) Information	- Sire and Dam should be registered under national data recording system using International Committee for Animal Recording (ICAR) approved or equivalent methods. - Pedigree information for at least 3 generations required	
Sire's Age	3 to 10 years of age	
In Case of Predicted Transmitting Ability (PTA) Value or EBV (Estimated Breeding Value) based on parental records	Milk kg: >100 kg above relevant country average (Lactational Yield)	
	Fat kg: > 5 kg above relevant country average (Lactational Yield)	
	Protein kg: > 5 kg above relevant country average (Lactational Yield)	
	Productive Life (PL): Positive	
	Beta Casein: A2A2 preferable	
Physical characteristics of semen straw	Frozen straw of 0.25 ml type, leak proof and machine sealed.	
Microscopic parameters of semen (post thawing)	- Motility: more than 45% - Number of spermatozoa 2-4 million sex-sorted Female spermatozoa /straw - Abnormal sperm must be less than 20%	
Disease Free Status of Sire	- Free from OIE disease list. - The Bulls used for Semen collection should be free from reproductive, genetic, and vertically transmitted diseases. - Disease free Certificate must be included.	
Records / Certificates Included	4. Individual records of concerning animals should specify breed, date of birth, identification number of dam and sire. 5. Detailed pedigree records 6. Health certificate from the relevant government veterinary authorities	
Semen Straw for Evaluation	At least three extra semen straw from each bull is required for sperm motility and other required tests	
Semen Straw Container / Dry Shipper	Frozen semen straws must be supplied keeping deep in liquid nitrogen inside straw container / Dry nitrogen vapour Shipper	
Additional Requirements	- An import permit should be taken from the Department of Livestock Services (DLS) for frozen semen before shipment of the consignment detailing the purpose of the import, source of frozen semen and quantity (number of doses) being imported. - Semen should be brought inside the country by air route only through animal quarantine check post along with official sanitary certificate.	