



प्रदेश सरकार

प्रदेश नं. ५

भूमि व्यवस्था, कृषि तथा सहकारी मन्त्रालय

पत्र संख्या :- खाद्य सुरक्षा/०७६/०७७

चलानी नं.:- १३००



मिति:- २०७६/११/२८

सूचना ।

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विषय:- कोटेशन तथा स्पेशिफिकेशन सहित दर रेट उपलब्ध गराई दिने सम्बन्धमा।

प्रस्तुत विषयमा यस मन्त्रालयको गत आ.व. २०७५/७६बाट शुरु भई चालु आ.व. २०७६/७७ मा विभिन्न अनुदानग्राहीहरू मार्फत निर्माणाधिन शीत भण्डारण निर्माण कार्यको लागि विभिन्न मेशिनरी तथा निर्माण सामग्रीहरूको ब्राण्ड अनुसार फरक फरक क्षमताका सामग्री आवश्यक पर्ने भएकोले संलग्न ढाँचा अनुसार मेशिनरी तथा निर्माण सामग्रीहरूको **Technical Specification** सहितको दररेट (कोटेशन) र ब्रोसरहरू यस मन्त्रालयमा ७ दिन भित्र उपलब्ध गराईदिनुहुन यो सूचना प्रकाशन गरिएको छ।

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श्रीधर ज्ञवाली  
नि.सचिव

गरौं व्यवसायिक कृषि, यसैबाट शुरु हुन्छ प्रदेशको समृद्धि"

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सम्पर्क नं. ०७१-५५००३९

**Ministry of Land Management Agriculture and Cooperatives**  
**Butwal Rupandehi, Nepal**  
**Requirement of Cold Storage for Fruits, Vegetables and Potatoes**

SN	Details (L*B*H)	Specification Requirement	Suppliers Specification							
<b>A</b>	<b>Project Detail</b>									
1	Size of the Storage		10*10*10	10*20*10	20*20*10			30*20*10		
2	Commodity	Meat, Vegetable, Fruits and Potato								
3	Area/Location	Hill and Terai								
4	Average Annual Temperature	For hills- 30 (7-35) Degree Celcius (value in bracket is the range of minimum and maximum)								
5	Average Annual Temperature	For Terai - 35 (10-40 ) Degree Celcius (value in bracket is the range of minimum and maximum)								
6	Chamber Type	Chiller Room, Blast Room for meat only								
7	Temp. Range	0 - 12 Deg.C (±2 Deg C.) for Chiller Room								
8	Temp. Range	0 - 12 Deg.C (±2 Deg C.) for Blast Room								
9	Product Storage	Mixed Vegitable, Fruits, Potato and Meat								
10	Temperature of incoming product	25 Degree Celsius								
11	Cooling period	24 Hours								
12	Door opening	3-5 times a day (30-45 minutes)								
13	Human occupancy	3-4 persons working for loading and unloading								
14	Lighting Load	sufficient lighting arrangement inside the cooler								
<b>B</b>	<b>Panel Details and (Total NPR)</b>									
1	Pannel Thicknes	40/60/80/100/120/150 mm								
2	Density	40±2 kg/cu.meter								
3	Pannel Type	(pre painted GI or SS	PPGI	PP.SS	PPGI	PP.SS	PPGI	PP.SS	PPGI	PP.SS
4	Puff Insulation	Puff Panels (CFC Free) for walls & ceiling, density 40 ± 2 Kg / cum. , Floor Panel Insulation with Tarfelt & Kota Stone								
5	Door Type	Each 1 Manual Hinged door of 34" x78" 120mm, with standard accessories i.e. door frame, door leaf, door heater, handles with lock assembly, gasket hydraulicdoor closure with safety release knob, sweep gasket.								
<b>C</b>	<b>HVAC (Refrigeration System) (Total NPR)</b>	<b>(Please specify the specification and requirement to meet the above requirment)</b>								
1	Brand and Model No									
2	Total heat Load									

*Algan*

*[Signature]*



SN	Details (L*B*H)	Specification Requirement	Suppliers Specification										
<b>A</b>	<b>Project Detail</b>												
<b>1</b>	<b>Size of the Storage</b>			<b>10*10*10</b>	<b>10*20*10</b>	<b>20*20*10</b>	<b>30*20*10</b>						
<b>3</b>	No of (Compressor) refrigeration unit required												
<b>4</b>	Compressor (Refrigeration Machine) Capacity												
<b>5</b>	Power Consumption per unit												
<b>6</b>	Evaporator Detail												
<b>7</b>	Evaporator air volume												
<b>8</b>	Fan Diameter												
<b>9</b>	Total Power Consumption												
<b>D</b>	<b>Others (Total NPR)</b>												
<b>1</b>	Accessories required (mention the detail)												
<b>2</b>	Generator (Brand/Model No/ Capacity .....												
<b>3</b>	Stabilizer (Brand/Model No/ Capacity .....												
<b>4</b>	Transformer (Brand/Model No/ Capacity .....												
<b>5</b>	Price of puf panel in Sq. ft	60-...../- 80-...../-100-...../- 120...../-150-...../-											
<b>E</b>	<b>Installation &amp; Commissioning (Total NPR)</b>												
<b>15</b>	<b>Total Cost in NPR (B+C+D+E)</b>		-	-	-	-	-	-	-	-	-	-	-

Note: Please mention the detail specification and cost of each item in the specified cell. The bidder may add any additional machineries or equipment for complete running of the cold storage if is needed.