



Ministry of Agriculture and Livestock Development
Department of Agriculture
Central Agricultural Laboratory
Hariharbhwan, Lalitpur

Amendments Notice To The Contract No: NIRTTP/PCO/MOALD/G/NCB-(132.1 to 132.10)

Publication Date: 9th July, 2021

Regarding the contract on Supply, Delivery and Installation of Equipments notice published on 15th June 2021, some amendments on technical specification as described in bidding documents has been done. Please refer details changes made on technical specification published at website of this office and PPMO's website <https://bolpatra.gov.np/egp/bidAddendum>. The last date of submission has been extended by 20th July, 2021 (5th Shrawan 2078).

Rajendra
2071/3/24

वरिष्ठ बाली परामर्श अधिकृत

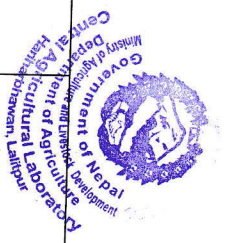
Amendments on Technical Specification



Sl.No	Bidding Document Reference			Existing Provision	Amendments Provision
	SLICES	Heading	Page No		
1	132.1	Horizontal Autoclave	21	15	<p>Existing Provision</p> <ul style="list-style-type: none"> A compact water filtration system with a suitable tank and feed pump for feeding the filtered water as inlet water also to be provided. <p>Amendments Provision</p> <p>Double distillation unit made of borosilicate glass with 4 Lts/hr capacity</p>
2	132.1	Vertical Autoclave	23	6	<p>Existing Provision</p> <ul style="list-style-type: none"> Foot lifting facility for opening of lid with safety and interlock device <p>Amendments Provision</p> <p>Foot lifting/single lever lifting facility for opening of lid with safety and interlock device</p>
3	132.1	BOD Incubator with humidity cabinet	25	6	<p>Existing Provision</p> <p>Températureaccuracy : $\pm 0.2^{\circ}\text{C}$.</p> <p>Amendments Provision</p> <p>Températureaccuracy : $\pm 1^{\circ}\text{C}$.</p>
4	132.1	BOD Incubator with Shaker	26	11	<p>Existing Provision</p> <ul style="list-style-type: none"> Temp. Range: $0-80^{\circ}\text{C}$ with cooling and heating function, accuracy of $\pm 1^{\circ}\text{C}$ Humidity maintained from ambient to 95%, by natural Mist Evaporator and controlled by <p>Amendments Provision</p> <ul style="list-style-type: none"> Temperature range: Ambient to 70°C or more Humidity not necessary to mention
5	132.1	Centrifuge	29	7	<p>Existing Provision</p> <ul style="list-style-type: none"> Max. Volume: 12 x 1.5/2.0 ml <p>Amendments Provision</p> <p>Max. Volume: 12 x 15 ml Additional rotors to be</p>

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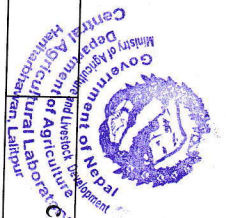
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	132.1		30	12	<ul style="list-style-type: none"> Temp. Range: -20° C to +40° C with CFC free refrigeration. 	<p>supplied as follows: Rotor type I: 12x15ml; Rotor type II: 12 X1.5ml</p> <p>This specification should be removed.</p>
6	132.1	Hot Air Oven	32	4	<ul style="list-style-type: none"> Insulation: Rock Wool -75 mm thick 	<p>Insulation: Rock Wool or glass wool or equivalent</p>
			33	20	<ul style="list-style-type: none"> Heating with ISI mark heating elements made from ni-chrome heating and should 'on' or 'off' automatically to maintain inside temperature ± 1° C having adjustable safety thermostat. 	<p>Heating with ISI /CE mark heating elements made from ni-chrome heating and should 'on' or 'off' automatically to maintain inside temperature ± 1° C having adjustable safety thermostat.</p>
7	132.2	Water Bath	37	5	<ul style="list-style-type: none"> Over-temperature cut-out: electronic, 4° C above set temperature, and electro-mechanical > 130° C Constant shaking frequency independent of load, even when in continuous operation 	<p>Over-temperature cut-out: electronic, 4° C above set temperature, and electro-mechanical > ambient to 100° C Constant shaking frequency independent of load, even when in continuous operation</p>
8	132.2	Horizontal Shaker	40	8	<ul style="list-style-type: none"> Temp. Range: 5° C to 30° C 	<p>This Specs. Should be removed</p>
9	132.2	Desiccator	40	7	<ul style="list-style-type: none"> ISO and CE or FDA 	<p>ISO certificate only</p>

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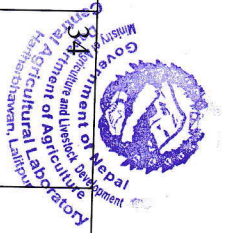
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Certificates

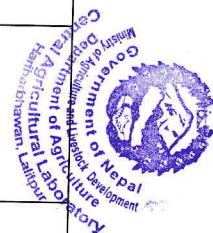
10	133.3	Laminar Flow	44	5	<ul style="list-style-type: none"> Colony Count: Less than or equal to 0.5/Vessel Air circulation: Air circulation should be in between 70-80% 	This specification is removed
	133.3		45	11		This specification is removed
11	133.4	Conventional PCR	47	24	<ul style="list-style-type: none"> DNA extraction (isolation) complete kit suitable for extraction system. Ice Maker with Ice Box Liquid Nitrogen Tank Primer PCR kit Agarose Molecular biology grade ethanol 	DNA extraction (isolation) complete kit -250 Rxn Ice Maker with Ice Box-100 kg/hr Suitable small capacity for the storage This point should be removed as it has already been mentioned above This point should be removed Agarose -100gm Molecular biology grade ethanol- 1 lit
	133.4			25		
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133.4				35	<ul style="list-style-type: none"> Molecular biology grade chloroform Tris/EDTA 	Molecular biology grade chloroform-2.5 lit Tris/EDTA—100 gm
12	133.5	Spectrophotometer (nanodrop)	58	5	<ul style="list-style-type: none"> Wavelength Range: 200 to 700 nm 	Wavelength Range: Less than or equal to 220 to 700 nm
13	133.5	Spectrophotometer (UV-Vis)	62	1	<ul style="list-style-type: none"> System should have Double Beam UV/Visible Spectrophotometer. 	System should have Double Beam UV/Visible Spectrophotometer with reference and sample beam passing through reference and sample cuvette.
			62	13	<ul style="list-style-type: none"> Should have Xenon lamp light source with auto switching at 320~360nm and longevity of lamp/bulb in hours mentioned (1000hrs) 	Should have Xenon or equivalent lamp light source with auto switching at 320~360nm and longevity of lamp/bulb in hours mentioned (1000hrs)
14	133.6	Compound Microscope	64	3	<ul style="list-style-type: none"> Trinocular compound microscope with illumination system is required. 	Binocular compound microscope with illumination system is required.
15	133.6	Stereo	70	2	<ul style="list-style-type: none"> Eye piece: 10x, wide zoom 	Eye piece: 10x – dia: 23mm,

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		Microscope				FOV anti-fungal lens with at least 20 years life time- 2 pcs.	wide zoom FOV anti-fungal lens with at least 20 years life time- 2 pcs.
16	133.10	Electronic Balance (2 Digit)	98	5	<ul style="list-style-type: none"> Pan Size: Min. 120mm dia 	Pan Size: Min. 120mm dia or equivalent in square shape	
	133.10		98	16	<ul style="list-style-type: none"> Standard calibration weights for various measuring weights and tweezers to be supplied 	Standard F1 calibration weights for various measuring weights from 1mg to 200 gram and tweezers to be supplied	


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