

Tender Number: DHI/PROC-13/2023/

Dtd. 8th October 2023



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DRUK HOLDING & INVESTMENTS LTD.

Standard Bidding Document

Supply of Bio-consumables for College of Natural Resources Bio Fablab

October 2023

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Table of Contents

1.	Scope of Supply	3
2.	Clarification to the bidding document	3
3.	Documents comprising bid	3
4.	Bid Price	3
5.	Bid Validity	3
6.	Bid Security	4
7.	Submission deadline	4
8.	Bid Opening	4
9.	Purchaser's Right to Accept Any Bid, and Reject Any or All Bids	5
10.	Quantity Variation	5
11.	Award of Contract	5
12.	Delivery Schedule	5
13.	Performance Security	5
14.	Liquidated Damage	6
15.	Verification and Acceptance	6
16.	Payment Terms	6
17.	Submission of Bid	6
18.	Termination	6
19.	Governing Law	7
20.	Dispute Resolution	7
21.	Additional Work	7
	Annexure- I : Terms of reference and Technical Specifications	8
	Annexure II - Tech Form I: Bid Submission Form	16
	Annexure III- FIN Form I: Price Schedule (Ngultrum).	18

NOTICE INVITING TENDER

[Supply of Bio-consumables for CNR BioFablab:]

NIT No. DHI/PROC-01/2023/,

Date: 08/10/2023

Druk Holding and Investments Limited (DHI) invites eligible bidders to submit your bid for the supply of Bio-consumables for CNR BioFablab:

Terms and Conditions

1. Scope of Supply

- 1.1. The bidder(s) should quote for all items as per the technical specification and the Price Schedule as attached at Annexures.

2. Clarification to the bidding document

- 2.1. Further information can be obtained in writing from Senior Analyst, DRIVE, DHI or email at chiragsharma@dhi.bt contact no: 17455208 not later than seven days from the date of bid submission.

3. Documents comprising bid

- 3.1. The bid must be accompanied by the following document:
 - Bid Submission Form (Annexure II)
 - Bid Security
 - Price Schedule (Annexure III)
 - Any other relevant documents

4. Bid Price

- 4.1. All prices shall be quoted in Ngultrum (Nu.). The quoted price shall be inclusive of all related costs including taxes, duties and other levies to the final place of delivery.
- 4.2. The final place of delivery is at College of Natural Resources, Lobeysa, Punakha addressed to Mr.Chirag Sharma, Senior Analyst, Drive, Druk Holding and Investments Limited.
- 4.3. The bidder(s) must quote for all the items under this bid. Price bids will be evaluated for all the items together and a contract awarded to the firm offering the lowest evaluated total cost of all the items.

5. Bid Validity

- 5.1. The bid shall be valid for 90 days from the date of submission of the bid. In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may solicit the Bidder's consent to an extension of the bid validity period. The request and responses shall be

made in writing. A bid valid for a shorter period shall be considered non-responsive.

6. Bid Security

6.1 The bid shall be accompanied by the bid security of **Nu. 30,000/-** in the form of Cash Warrant/ Unconditional Bank Guarantee/ Banker Cheque/ Demand draft/ in the name of The Associate Director, CSD, Druk Holding and Investments Limited, Thimphu issued by the Financial Institution enforceable in any Banks in Bhutan or Bank Deposit (Mbob, Mpay, Tpay, Epay etc..)

- a) The Bid security shall be valid for up to 3 months.
- b) Any Bid not accompanied by bid security of adequate value and validity shall be rejected by the Purchaser as non-responsive.
- c) The if the bidders' options to Bank Transfer the bid security, it may be deposited to the DHI's BOBL account no: 100893691, and submit the transaction details along with other documents during bid submission as well as email to dorjeedhondup@dhi.bt

6.2 The bid security shall be forfeited in the following cases:

- a) If the Bidder withdraws the bid after Bid opening during the period of Bid validity.
- b) If the Bidder does not accept the correction of the Bid price;
- c) In the case of a successful bidder, if the bidder fails within the specified time limit to sign the Contract or furnish Performance Security.

7. Submission deadline

7.1. The deadline for receipt of your bid(s) by the Purchaser at the indicated 30th **October 2023 before 12 noon.**

8. Bid Opening

8.1. The bid(s) will be opened in the presence of bidders or their representatives who choose to attend **on 30th October 2023 at 14:30 hrs. in the DHI Meeting room 1.** In case the due date of the opening of the bid falls on non-working days, the opening of the bid shall be on the next working day at the same time.

Evaluation of Bid

8.2. Bids determined to be substantially responsive to the technical specifications and commercial conditions will be evaluated by comparison of their quoted prices. In evaluating the bids, the Purchaser will determine for each bid the evaluated price by adjusting the priced bid by making any correction for any arithmetical errors as follows; where there is a discrepancy between

amounts in figures and in words, the amount in words will govern.

- 8.3. Where there is discrepancy between the unit rate and the line-item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted shall govern unless in the opinion of the Purchaser there is an obviously gross misplacement of the decimal point in the unit rate, in which case the line-item total as quoted shall govern, and the unit rate shall be corrected.
- 8.4. To assist in the evaluation, comparison of the Bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder that is not in response to a request by the Purchaser shall not be considered.
- 8.5. The method of Selection shall be the **Lowest Cost Method**.

9. Purchaser's Right to Accept Any Bid, and Reject Any or All Bids

- 9.1. The Purchaser is not bound to accept the lowest bid and reserves the right to accept or reject any or all the bids without assigning any reason whatsoever.

10. Quantity Variation

- 10.1. Depending on the final requirement, at the time of the award of the Contract, the Purchaser may increase or decrease the quantities by twenty five percent (25%) of the indicated quantity.

11. Award of Contract

- 11.1. The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated Bid. The Purchaser shall issue Notification of Award/ Purchase Order to the successful Bidder. Until a formal Contract is prepared and executed, the Notification of Award shall constitute a binding Contract.
- 11.2. The contract period shall be at the discretion of the Purchaser.

12. Delivery Schedule

- 12.1. The goods shall be delivered within three months after the award of the purchase order.

13. Performance Security

- 13.1. The Supplier shall be required to furnish Performance Security of 10% of the quoted price in the form of cash warrant, demand draft or unconditional Bank Guarantee in the name The Associate Director, CSD, Druk Holding and Investments Limited, Thimphu issued by a financial institution enforceable in any Banks in Bhutan, which shall be furnished upon issuance of notification of the award.
- 13.2. The performance security shall be discharged and returned to the owner/firm after completion of the work.

- 13.3. The performance security shall be forfeited if the successful bidder fails to adhere to its obligations within the contract period.

14. Liquidated Damage

- 14.1. If the Supplier fails to deliver any or all the Goods by the date(s) of delivery or fails to perform the Related Services within the period specified in the Contract/ Purchase Order, the Purchaser shall deduct Liquidated Damages at the rate of 0.1% per day for each day of delay to a maximum of 10% of the quoted price.

15. Verification and Acceptance

- 15.1. DHI shall carry out detailed verification and acceptance on the required items, and in case of fault, mis- matching of specification or any other issues found, DHI reserves the right to reject any or all of the items without assigning any reason. It will be at the DHI's discretion to take the final decision on such a situation if pertains.

16. Payment Terms

- 16.1. The payment shall be made within 30 days upon verification and acceptance by DHI, based on the receipt of bill/invoice from the firm.
- 16.2. At the time of release of payment, Tax shall be Deducted at Source [TDS] from the gross amount of bills as per the Income Tax Act of Bhutan. The Purchaser shall furnish necessary TDS Certificate to the Bidders, issued by the Department of Revenue & Customs, RGoB.

17. Submission of Bid

- 17.1. The Bidder shall submit the Bid Submission Form using the Form in the Annexure I: This form must be completed without any alterations to its format, and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested.
- 17.2. A bid in which the Bid Submission Form not duly filled, signed and sealed by the bidder shall be rejected.

18. Termination

- 18.1. The Purchaser may, by written notice, terminate the Purchase Order or Contract [if applicable] in whole or in part at any time for its convenience:
- 18.2. If the Supplier fails to perform any other terms and conditions specified with the Purchase Order/ Contract, or exceeds the maximum amount of Liquidated Damages; and
- 18.3. If the Supplier fails to perform any other obligation(s) under the Purchase Order / Contract,

and if the Supplier does not take any remedial action within a period of 7 days after receipt of a notice of default from the Purchaser specifying the nature of the default(s).

19. Governing Law

- 19.1. The Contract/ Purchase Order shall be governed by and interpreted in accordance with the Laws of Bhutan.

20. Dispute Resolution

- 20.1. Any settlement of dispute or arbitration of matter arising from the contract shall be settled as per the Alternative Dispute Resolution Act of Bhutan 2013 for Bhutanese Supplier and United Nations Commission on International Trade Law [UNCITRAL] Arbitration Rules of 1976 for International Supplier and will be binding for both parties.

21. Additional Work

- 21.1. DHI may require the consultant to carry out additional work that is not mentioned in the scope of work, for which it will be at the discretion of the DHI management to decide and award the work based on the man-month rate quoted by the consultant.

Annexure- I : Terms of reference and Technical Specifications

The following table consists of the requirement of Bio-consumables for The College of Natural Resources:

Sl. No.	Recommended Storage (C)	Vendor	Item	Quantity	Weblink
1	4	Carolina	pGREEN	1	https://www.carolina.com/biotechnology-plasmid-lambda-dna/pgreen-plasmid-1-ug-200-ul-0005-ugul/211449.pr
2	4	Carolina	pBLU	1	https://www.carolina.com/biotechnology-plasmid-lambda-dna/pblu-plasmid-1-ug-200-ul-0005-ugul/211427.pr?question=
3	-80	Addgene	pPSU1	1	http://www.addgene.org/89439/
4	-80	Addgene	pPSU2	1	http://www.addgene.org/89566/
5	-80	Addgene	mUAV	1	https://www.addgene.org/102680/
6	-80	Addgene	pMA_Level 1A	1	https://www.addgene.org/102701/
7	-80	Addgene	pMA_Level 2A	1	https://www.addgene.org/102705/
8	-80	Addgene	pETM6-E12-vioABECD	1	https://www.addgene.org/66537/
9	-80	Addgene	pAC-LYC	1	https://www.addgene.org/53270/
10	-80	Addgene	pAtip1Trc	1	https://www.addgene.org/53275/
11	-80	Addgene	pAC-LYCipi	1	https://www.addgene.org/53279/
12	-80	Addgene	pAC-ZEAXipi	1	https://www.addgene.org/53287/
13	-80	Addgene	pAC-BETAipi	1	https://www.addgene.org/53277/
14	-80	Addgene	pCK302	1	https://www.addgene.org/87768/
15	-80	Addgene	pD864-LacZ	1	https://www.addgene.org/109380/
16	-80	Addgene	pPEgRNA	1	https://www.addgene.org/172716/
17	-80	Addgene	pCDF-GFPplus	1	https://www.addgene.org/172718/
18	-80	Addgene	pCRISPR-PE-bacteria	1	https://www.addgene.org/172715/
19	4	Zymo Research	ZymoPURE Plasmid Miniprep Kit (50 preps)	1	https://www.zymoresearch.com/zymopure-plasmid-miniprep-kit
20	RT	Zymo Research	Zymoclean Gel DNA Recovery (Spin, Capped, 50)	1	https://www.zymoresearch.com/zymoclean-gel-dna-recovery
21	RT	Zymo Research	DNA Clean & Concentrator (DCC-25, Capped, 50)	1	https://www.zymoresearch.com/dna-clean-concentrator

Standard Bidding Document: Supply of Bio-consumables for CNR BioFablab

22	4	NEB	100 bp DNA Ladder	1	https://www.neb.com/products/n3231-100-bp-dna-ladder
23	4	NEB	1 kb Plus DNA Ladder	1	https://www.neb.com/products/n3200-1-kb-plus-dna-ladder
24	4	NEB	pUC19 Vector	1	https://www.neb.com/products/n3041-puc19-vector
25	-20	NEB	PstI-HF	1	https://www.neb.com/products/r3140-psti-hf
26	-20	NEB	EcoRV-HF	1	https://www.neb.com/products/r3195-ecorv-hf
27	-20	NEB	Phusion High-Fidelity PCR Master Mix with HF Buffer	1	https://www.neb.com/products/m0531-phusion-high-fidelity-pcr-master-mix-with-hf-buffer
28	-20	NEB	KLD Enzyme Mix	1	https://www.neb.com/products/m0554-kld-enzyme-mix
29	-20	NEB	NEBuilder HiFi DNA Assembly Master Mix	1	https://www.neb.com/products/e2621-nebuilder-hifi-dna-assembly-master-mix
30	RT	ThermoFisher	SYBR SAFE	1	https://www.thermofisher.com/order/catalog/product/S33102
31	RT	ThermoFisher	UltraPure Agarose	1	https://www.thermofisher.com/order/catalog/product/16500100
32	RT	ThermoFisher	TAE Buffer (Tris-acetate-EDTA) (50X)	1	https://www.thermofisher.com/order/catalog/product/B49
33	RT	ThermoFisher	LB Agar, powder (Lennox L agar)	1	https://www.thermofisher.com/order/catalog/product/22700025
34	RT	ThermoFisher	Luria Broth Base (Miller's LB Broth Base), powder	1	https://www.thermofisher.com/order/catalog/product/12795027
35	-20	GoldBio	Carbenicillin (Disodium) 100 mg/mL Solution	1	https://www.goldbio.com/product/1244/carbenicillin-disodium-100mgml-solution
36	-20	GoldBio	Kanamycin Monosulfate 50 mg/mL Solution	1	https://www.goldbio.com/product/2115/kanamycin-monosulfate-50mgml-solution
37	-20	GoldBio	Chloramphenicol, USP Grade	1	https://www.goldbio.com/product/981/chloramphenicol-usp-grade
38	-20	GoldBio	Bluo Gal	1	https://www.goldbio.com/product/930/bluo-gal
39	-20	GoldBio	Salmon Gal (6-Chloro-3-indoxyl-β-D-galactopyranoside)	1	https://www.goldbio.com/product/1846/salmon-gal-6-chloro-3-indoxyl-beta-d-galactopyranoside

Standard Bidding Document: Supply of Bio-consumables for CNR BioFablab

40	-20	GoldBio	Spectinomycin Dihydrochloride Pentahydrate 100 mg/mL Solution	1	https://www.goldbio.com/product/2100/spectinomycin-dihydrochloride-pentahydrate-100-mgml-solution
41	-20	GoldBio	L-Rhamnose monohydrate	1	https://www.goldbio.com/product/2258/l-rhamnose-monohydrate
42	-20	Biotium	Chromogenic β -Galactosidase Substrate Sampler	1	https://biotium.com/product/chromogenic-b-galactosidase-substrate-sampler-kit/
43		Zymo Research 4	ZymoPURE Plasmid Miniprep Kit (100 preps)	1	https://www.zymoresearch.com/zymopure-plasmid-miniprep-kit
44	RT	Zymo Research	Zymoclean Gel DNA Recovery (Spin, Capped, 200)	1	https://www.zymoresearch.com/zymoclean-gel-dna-recovery
45	RT	Zymo Research	DNA Clean & Concentrator (DCC-25, Capped, 200)	1	https://www.zymoresearch.com/dna-clean-concentrator
46	-20	GoldBio	Magenta Gal	1	https://www.goldbio.com/product/556/magenta-gal
47	-20	GoldBio	X Gal	1	https://www.goldbio.com/product/2002/x-gal
48	-20	Sigma	N,N-Dimethylformamide (227056-1L)	1	https://www.sigmaaldrich.com/catalog/product/sial/227056?lang=en&region=US
49	-20	Sigma	Dimethyl sulfoxide (D2650-100ML)	1	https://www.sigmaaldrich.com/catalog/product/sigma/d2650?lang=en&region=US
50	-80	NEB Competent cells	NEB competent cells	3	https://www.neb.com/products/c2989-neb-5-alpha-electrocompetent-e-coli#Product%20Information
51	-80	NEB	NEB® 10-beta Competent E. coli (High Efficiency) (C3019H)	2	https://www.neb.com/products/c3019-neb-10-beta-competent-e-coli-high-efficiency#Product%20Information
52	-20	NEB	PvuII-HF (R3151L)	1	https://www.neb.com/products/r3151-pvuII-hf#Product%20Information
53	-80	NEB	NEB® 10-beta Competent E. coli (High Efficiency) (C3019H)	2	https://www.neb.com/products/c3019-neb-10-beta-competent-e-coli-high-efficiency#Product%20Information

Standard Bidding Document: Supply of Bio-consumables for CNR BioFablab

54	-20	NEB	NEBuilder HiFi DNA Assembly Master Mix (E2621L : 50 reactions)	1	https://www.neb.com/products/e2621-nebuilder-hifi-dna-assembly-master-mix#Product%20Information
55	-20	NEB	Phusion High-Fidelity PCR Master Mix with HF Buffer (M0531L : 500 reactions)	1	https://www.neb.com/products/m0531-phusion-high-fidelity-pcr-master-mix-with-hf-buffer#Product%20Information
56	RT	Zymo Research	Rattler Plating Beads (S1001-5 : 5 Bottles)	1	https://www.zymoresearch.com/products/rattler-plating-beads
57	RT	Sigma	2-YT Broth (Y2377-250G)	1	https://www.sigmaaldrich.com/catalog/product/sigma/y2377?lang=en&region=US
58	RT	Sigma	Glycerol (G5516-1L)	1	https://www.sigmaaldrich.com/catalog/product/sigma/g5516?lang=en&region=US
59	RT	Sigma	Glucose solution (49163-100ML)	1	https://www.sigmaaldrich.com/catalog/product/sigma/49163?lang=en&region=US
60	RT	Sigma	D-(-)-Fructose (F2543-500G)	1	https://www.sigmaaldrich.com/catalog/product/sigma/f2543?lang=en&region=US&cmsp=Insite- -prodRecCold_xviews- -prodRecCold5-2
61	RT	Sigma	YPD Broth (Y1375-250G)	1	https://www.sigmaaldrich.com/catalog/product/sigma/y1375?lang=en&region=US
62	RT	Sigma	YPD Agar (Y1500-250G)	1	https://www.sigmaaldrich.com/catalog/product/sial/y1500?lang=en&region=US
63	RT	Sigma	D-(+)-Glucose (G8270-5KG)	1	https://www.sigmaaldrich.com/catalog/product/sigma/g8270?lang=en&region=US
64	-20	Sigma	Lysozyme from chicken egg white (L6876-1G)	1	https://www.sigmaaldrich.com/catalog/product/sigma/l6876?lang=en&region=US
65	-80	Sigma	Lycopene (L9879-1MG)	1	https://www.sigmaaldrich.com/catalog/product/sigma/l9879?lang=en&region=US
66	4	Sigma	β -Carotene (C9750-5G)	1	https://www.sigmaaldrich.com/catalog/product/sigma/c9750?lang=en&region=US
67	RT	Adhesiveapps	Double sided tape for Microfluidics	1	http://adhesiveapps.com/wp-content/uploads/2018/10/S8512-2DPDL.pdf
68	-20	Fisher Scientific	Acryloyl-X (A20770)	1	https://www.thermofisher.com/order/catalog/product/A20770
69	-20	New England Biolabs	Proteinase K (P8107S)	1	https://www.neb.com/products/p8107-proteinase-k-molecular-biology-grade#Product%20Information

Standard Bidding Document: Supply of Bio-consumables for CNR BioFablab

70	RT	VWR	Microscope slides, pack of 72 (48300-026)	1	https://us.vwr.com/store/product?keyword=48300-026
71	RT	VWR	#1.5 Coverslips 22mm x 22mm (48366-227)	1	https://us.vwr.com/store/product?keyword=48366-227
72	RT	Utrecht art supplies	<i>Utrecht Series 6150 Synthetic Watercolor Brush, Round, size 1 (09311-1001)</i>	15	https://www.dickblick.com/items/09311-1001/
73	RT	Ontimesupplies.com	Mini Binder Clips 144/Pack (UNV10199VP)	1	https://www.ontimesupplies.com/unv10199vp-mini-binder-clips-zip-seal-bag-1-4-capacity-5-8-wide-black-144-bag.html
74	RT	Amazon	Cutting mat	2	https://www.amazon.com/US-Art-Supply-Professional-Scrapbooking/dp/B00L5I8RII/ref=sr_1_2_sspa?crd=22LI5K0JW0Y6S&keywords=cutting+mat&qid=1553177835&s=gateway&sprefix=cutting+mat%2Caps%2C128&sr=8-2-spons&pssc=1
75	RT	wpiinc	Disposable biopsy punches 0.5mm 1.0mm 1.5mm	9	https://www.wpiinc.com/var-949-reusable-biopsy-punch-various-sizes
76	RT	Amazon	Tweezers	3	https://www.amazon.com/TECKMAN-Precision-Stainless-Extension-Laboratory/dp/B07C9WRKMJ/ref=asc_df_B07C9WRKMJ/?tag=hyprod-20&linkCode=df0&hvadid=242037806074&hvpos=1o2&hvnetw=g&hvrnd=18197174585678954453&hvpone=&hvptwo=&hvqmt=&hvdev=c&hvdvcmdl=&hvlocint=&hvlcophy=9002003&hvtargid=aud-643574997066:pla-452984520658&pssc=1
77	RT	Amazon	Pen knives- 3Pack bundle	1	https://www.amazon.com/X-ACTO-2-Knife-Safety-Cap/dp/B071RMSV63/ref=asc_df_B000V1QV7O/?tag=hyprod-20&linkCode=df0&hvadid=167119535166&hvpos=1o8&hvnetw=g&hvrnd=1973090876617362338&hvpone=&hvptwo=&hvqmt=&hvdev=c&hvdvcmdl=&hvlocint=&hvlcophy=9002003&hvtargid=aud-643574997066%3Apla-308484349331&th=1
78	RT	Sigma	Stop cock assembly for desiccator	1	https://www.thermofisher.com/order/catalog/product/715311-0010?SID=srch-hj-715311-0010

Standard Bidding Document: Supply of Bio-consumables for CNR BioFablab

79	RT	Lab Depot	Ohaus CL Series Balance 80010611	1	https://www.labdepotinc.com/p-62495-ohaus-cl-series.php?gclid=CjwKCAjw7MzkBRAGEiwAkOXexBDbNF2XX7Uy4pFY2Tp4_LUupJSKgy5vqZo4fhePd0JFcy6tmXVozBoCCXsQAvD_BwE
80	RT	American Weigh	American Weigh Scales GEMINI-20 Portable MilliGram Scale, 20 by 0.001 G	1	https://www.amazon.com/American-Weigh-GEMINI-20-Portable-MilliGram/dp/B0012TDNAM?ref_=fscpl_dp_1
81	RT	walmart	Plastic storage boxes for LB plates	1	https://www.walmart.com/ip/Mainstays-5-Quart-1-25-Gallon-Shoe-Box-Storage-Clear-20-Pack/124800641?athcpid=124800641&athpgid=athenaItemPage&athcgid=null&athznid=PWVUB&athieid=v0&athstd=CS020&athguid=a69b3193-529-169a12b4369f73&athena=true
82	RT	VWR	VWR reusable biopsy punches with plunger system 1mm 95039-092 33-31AA-P/25	1 pack of 25	https://us.vwr.com/store/product/4525590/disposable-biopsy-punches-integratm-milte
83	RT	VWR	Funnels catalog: 10033-458	Pack of 6	https://us.vwr.com/store/product/11605227/vwr-powder-funnels-wide-stem
84	RT	Amazon	Syringe Filters sterile	2 Packs of 10	https://www.amazon.com/Biomed-Scientific-Syringe-Membrane-Diameter/dp/B06XPD6PYG/ref=asc_df_B06XPD6PYG/?tag=hyprod-20&linkCode=df0&hvadid=312453630175&hvpos=1o5&hvnetw=g&hvrand=8984673870390118212&hvpone=&hvptwo=&hvqmt=&hvdev=c&hvdvcmdl=&hvlocint=&hvlocph=y=9002000&hvtargid=pla-570564943135&psc=1
85	-20	GoldBio	Carbenicillin (Disodium) 100 mg/mL Solution	1	https://www.goldbio.com/product/1244/carbenicillin-disodium-100mgml-solution
86	-20	GoldBio	Kanamycin Monosulfate 50 mg/mL Solution	1	https://www.goldbio.com/product/2115/kanamycin-monosulfate-50mgml-solution
87	-20	GoldBio	Chloramphenicol, USP Grade	1	https://www.goldbio.com/product/981/chloramphenicol-usp-grade

Standard Bidding Document: Supply of Bio-consumables for CNR BioFablab

88	-20	GoldBio	Spectinomycin Dihydrochloride Pentahydrate 100 mg/mL Solution	1	https://www.goldbio.com/product/2100/spectinomycin-dihydrochloride-pentahydrate-100-mgml-solution
89	4	bioworld	YP Broth w/o Glucose Solution, Sterile	1	https://www.bioworld.com/productinfo/3_43_287/143682305/YP-Broth-w-o-Glucose-Solution-Sterile.html
90	RT	sigma	Starch, soluble	1 [100g]	https://www.sigmaaldrich.com/catalog/product/sial/s9765?lang=en&region=US
91	RT	sigma	Lugol's solution	1 [1L]	https://www.sigmaaldrich.com/catalog/product/mm/109261?lang=en&region=US
92	RT	Sigma	Peck tubing	1	https://www.sigmaaldrich.com/catalog/product/supelco/z227307?lang=en&region=US
93	4	Sigma	Biotin-1G	1	https://www.sigmaaldrich.com/catalog/product/sial/b4501?lang=en&region=US
94	-20	Sigma	Streptavidin-5mG	1	https://www.sigmaaldrich.com/catalog/product/sigma/s4762?lang=en&region=US
95	RT	VWR	Petridishes X style 25384-308	Pack of 500	https://us.vwr.com/store/product/4677330/vwr-disposable-petri-dishes
96	RT	VWR	Petridishes 100mm 89038-970	Pack of 500	https://us.vwr.com/store/product/4677330/vwr-disposable-petri-dishes
97	RT	VWR	Petridishes 35mm 10799-192	Pack of 500	https://us.vwr.com/store/product/4677330/vwr-disposable-petri-dishes
98	RT	ThermoFisher	UltraPure™ DNase/RNase-Free Distilled Water	10 x 500 mL	https://www.thermofisher.com/order/catalog/product/10977015?gclid=CjwKCAjwscGjBhAXEiwAswQqNIUYgcpLCSvIVsApP4ayryAcnEDBq8vezCFcalt9RVDPhWPwzTrB6BoCwzQQAyD_BwE&ef_id=CjwKCAjwscGjBhAXEiwAswQqNIUYgcpLCSvIVsApP4ayryAcnEDBq8vezCFcalt9RVDPhWPwzTrB6BoCwzQQAyD_BwE:G:s&ppc_id=PLA_BIDgoog_PrivateLabel_19249810239_141313735421_10977015_641412964967_11310544059164802478&ev_chn=shop&cid=0se_gaw_15122022_EWXA26&ef_id=CjwKCAjwscGjBhAXEiwAswQqNIUYgcpLCSvIVsApP4ayryAcnEDBq8vezCFcalt9RVDPhWPwzTrB6BoCwzQQAyD_BwE:G:s&ks_kwid=AL13652131641412964967!!!g!1958974360924!!!19249810239!141313735421&gad=1
99	-20	ThermoFisher	IPTG	1g	https://www.thermofisher.com/order/catalog/product/15529019

Standard Bidding Document: Supply of Bio-consumables for CNR BioFablab

100	RT	Zymo Research	Quick-DNA Plant/Seed Miniprep Kit	50 preps	https://www.zymoresearch.com/collections/quick-dna-plant-seed-kits/products/quick-dna-plant-seed-miniprep-kit
101	RT	Zymo Research	Quick-DNA Fecal/Soil Microbe Miniprep Kit	50 preps	https://www.zymoresearch.com/collections/quick-dna-fecal-soil-microbe-kits/products/quick-dna-fecal-soil-microbe-dna-miniprep-kit
102	RT	Zymo Research	Quick-DNA Miniprep Plus Kit	50 preps	https://www.zymoresearch.com/collections/quick-dna-kits/products/quick-dna-miniprep-plus-kit
103	RT	Amazon	Organic Coconut Activated Charcoal Powder	1lbs	https://amzn.to/3vcnS6D
104		Oxford Nanopore Technologies	MinION Starter Pack	1 MinION Device + 1 Kit	https://store.nanoporetech.com/us/minion-basic.html
105		Oxford Nanopore Technologies	Flongle Starter pack	1 Flongle + 1 Kit	https://store.nanoporetech.com/us/flongle-starter-pack.html

Annexure II - Tech Form I: Bid Submission Form

[The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date *[insert date of Bid submission]*
Tender No *[insert number]*.

The
Manager
Procurement
Druk Holding and Investments

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda number *[insert the number and date of issue of each addendum]*;
- (b) We offer to supply in conformity with the Bidding Documents and in accordance with the Schedule of Supply the following Goods and Related Services: *[insert a brief description of the Goods and Related Services]*;
- (c) The total price of our Bid, excluding any discounts offered in item is: *[insert the Bid Price in words and figures, indicating the various amounts and their respective currencies]*;
- (d) The discounts offered and the methodologies for their application are:

Discounts. If our Bid is accepted, the following discounts shall apply: *[Specify in detail each discount offered and the specific item of the Schedule of Supply to which it applies.]*

Methodology of Application of the Discounts. The discounts shall be applied using the following methodology: *[Specify in detail the methodology that shall be used to apply the discounts]*;

- (e) Our Bid shall be valid for a period of *[insert number]* from the date fixed for the Bid submission deadline and it shall remain binding upon us and may be accepted at any time before expiry of that period;
- (f) If our Bid is accepted, we commit to provide a Performance Security in accordance with above clauses for the due performance of the Contract;

- (h) We have no conflict of interest;
- (i) Our firm, its affiliates or subsidiaries - including any subcontractors or suppliers for any part of the contract - has not been declared ineligible by the Purchaser under the laws or official regulations of Bhutan;
- (j) We have read the terms and conditions carefully, understood and agree to comply with all the clauses which are mentioned therein. In case of any breach of any condition on our part, we shall be liable for actions as per terms and conditions of the Contract.
- (k) We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.
- (l) We understand that you are not bound to accept the lowest evaluated Bid or any other Bid that you may receive.
- n) We accept the Vendor Performance Management System.

Signed:_____ [insert signature of person whose name and capacity are shown]

In the capacity of _____[insert legal capacity of person signing the Bid Submission Form]

Name:_____ [insert complete name of person signing the Bid Submission Form]

Duly authorized to sign the bid for and on behalf of:_____ [insert complete name of Bidder]

Dated on _____ day of _____ [insert date of signing]

Standard Bidding Document: Supply of Bio-consumables for CNR BioFablab

Annexure III- FIN Form I: Price Schedule (Ngultrum).

The bidders shall quote as per the following format.

Sl. No.	Vendor	Item	Unit	Amount (Ngultrum)
1	Carolina	pGREEN	1	
2	Carolina	pBLU	1	
3	Addgene	pPSU1	1	
4	Addgene	pPSU2	1	
5	Addgene	mUAV	1	
6	Addgene	pMA_Level 1A	1	
7	Addgene	pMA_Level 2A	1	
8	Addgene	pETM6-E12-vioABECD	1	
9	Addgene	pAC-LYC	1	
10	Addgene	pAtip1Trc	1	
11	Addgene	pAC-LYCipi	1	
12	Addgene	pAC-ZEAXipi	1	
13	Addgene	pAC-BETAipi	1	
14	Addgene	pCK302	1	
15	Addgene	pD864-LacZ	1	
16	Addgene	pPEgRNA	1	
17	Addgene	pCDF-GFPplus	1	
18	Addgene	pCRISPR-PE-bacteria	1	
19	Zymo Research	ZymoPURE Plasmid Miniprep Kit (50 preps)	1	
20	Zymo Research	Zymoclean Gel DNA Recovery (Spin, Capped, 50)	1	
21	Zymo Research	DNA Clean & Concentrator (DCC-25, Capped, 50)	1	
22	NEB	100 bp DNA Ladder	1	
23	NEB	1 kb Plus DNA Ladder	1	
24	NEB	pUC19 Vector	1	
25	NEB	PstI-HF	1	
26	NEB	EcoRV-HF	1	
27	NEB	Phusion High-Fidelity PCR Master Mix with HF Buffer	1	
28	NEB	KLD Enzyme Mix	1	
29	NEB	NEBuilder HiFi DNA Assembly Master Mix	1	
30	ThermoFisher	SYBR SAFE	1	
31	ThermoFisher	UltraPure Agarose	1	
32	ThermoFisher	TAE Buffer (Tris-acetate-EDTA) (50X)	1	

Standard Bidding Document: Supply of Bio-consumables for CNR BioFablab

33	ThermoFisher	LB Agar, powder (Lennox L agar)	1
34	ThermoFisher	Luria Broth Base (Miller's LB Broth Base), powder	1
35	GoldBio	Carbenicillin (Disodium) 100 mg/mL Solution	1
36	GoldBio	Kanamycin Monosulfate 50 mg/mL Solution	1
37	GoldBio	Chloramphenicol, USP Grade	1
38	GoldBio	Bluo Gal	1
39	GoldBio	Salmon Gal (6-Chloro-3-indoxyl- β -D-galactopyranoside)	1
40	GoldBio	Spectinomycin Dihydrochloride Pentahydrate 100 mg/mL Solution	1
41	GoldBio	L-Rhamnose monohydrate	1
42	Biotium	Chromogenic β -Galactosidase Substrate Sampler	1
43	Zymo Research	ZymoPURE Plasmid Miniprep Kit (100 preps)	1
44	Zymo Research	Zymoclean Gel DNA Recovery (Spin, Capped, 200)	1
45	Zymo Research	DNA Clean & Concentrator (DCC-25, Capped, 200)	1
46	GoldBio	Magenta Gal	1
47	GoldBio	X Gal	1
48	Sigma	N,N-Dimethylformamide (227056-1L)	1
49	Sigma	Dimethyl sulfoxide (D2650-100ML)	1
50	NEB	Competent cells	3
51	NEB	NEB® 10-beta Competent E. coli (High Efficiency) (C3019H)	2
52	NEB	PvuII-HF (R3151L)	1
53	NEB	NEB® 10-beta Competent E. coli (High Efficiency) (C3019H)	2
54	NEB	NEBuilder HiFi DNA Assembly Master Mix (E2621L : 50 reactions)	1
55	NEB	Phusion High-Fidelity PCR Master Mix with HF Buffer (M0531L : 500 reactions)	1
56	Zymo Research	Rattler Plating Beads (S1001-5 : 5 Bottles)	1
57	Sigma	2-YT Broth (Y2377-250G)	1
58	Sigma	Glycerol (G5516-1L)	1
59	Sigma	Glucose solution (49163-100ML)	1
60	Sigma	D-(-)-Fructose (F2543-500G)	1
61	Sigma	YPD Broth (Y1375-250G)	1
62	Sigma	YPD Agar (Y1500-250G)	1
63	Sigma	D-(+)-Glucose (G8270-5KG)	1
64	Sigma	Lysozyme from chicken egg white (L6876-1G)	1
65	Sigma	Lycopene (L9879-1MG)	1
66	Sigma	β -Carotene (C9750-5G)	1

Standard Bidding Document: Supply of Bio-consumables for CNR BioFablab

67	Adhesiveapps	Double sided tape for Microfluidics	1	
68	Fisher Scientific	Acryloyl-X (A20770)	1	
69	New England Biolabs	Proteinase K (P8107S)	1	
70	VWR	Microscope slides, pack of 72 (48300-026)	1	
71	VWR	#1.5 Coverslips 22mm x 22mm (48366-227)	1	
72	Utrecht art supplies	<i>Utrecht Series 6150 Synthetic Watercolor Brush, Round, size 1 (09311-1001)</i>	15	
73	Ontimesupplies.com	<i>Mini Binder Clips 144/Pack (UNV10199VP)</i>	1	
74	Amazon	Cutting mat	2	
75	wpiinc	Disposable biopsy punches 0.5mm 1.0mm 1.5mm	9	
76	Amazon	Tweezers	3	
77	Amazon	Pen knives- 3Pack bundle	1	
78	Sigma	Stop cock assembly for desiccator	1	
79	Lab Depot	Ohaus CL Series Balance 80010611	1	
80	American Weigh	American Weigh Scales GEMINI-20 Portable MilliGram Scale, 20 by 0.001 G	1	
81	walmart	Plastic storage boxes for LB plates	1	
82	VWR	VWR reusable biopsy punches with plunger system 1mm 95039-092 33-31AA-P/25	1 pack of 25	
83	VWR	Funnels catalog: 10033-458	Pack of 6	
84	Amazon	Syringe Filters sterile	2 Packs of 10	
85	GoldBio	Carbenicillin (Disodium) 100 mg/mL Solution	1	
86	GoldBio	Kanamycin Monosulfate 50 mg/mL Solution	1	
87	GoldBio	Chloramphenicol, USP Grade	1	
88	GoldBio	Spectinomycin Dihydrochloride Pentahydrate 100 mg/mL Solution	1	
89	bioworld	YP Broth w/o Glucose Solution, Sterile	1	
90	sigma	Starch, soluble	1 [100g]	
91	sigma	Lugol's solution	1 [1L]	
92	Sigma	Peek tubing	1	
93	Sigma	Biotin-1G	1	
94	Sigma	Streptavidin-5mG	1	
95	VWR	Petridishes X style 25384-308	Pack of 500	
96	VWR	Petridishes 100mm 89038-970	Pack of 500	
97	VWR	Petridishes 35mm 10799-192	Pack of 500	
98	ThermoFisher	UltraPure™ DNase/RNase-Free Distilled Water	10 x 500 mL	
99	ThermoFisher	IPTG	1g	

Standard Bidding Document: Supply of Bio-consumables for CNR BioFablab

100	Zymo Research	Quick-DNA Plant/Seed Miniprep Kit	50 preps	
101	Zymo Research	Quick-DNA Fecal/Soil Microbe Miniprep Kit	50 preps	
102	Zymo Research	Quick-DNA Miniprep Plus Kit	50 preps	
103	Amazon	Organic Coconut Activated Charcoal Powder	1lbs	
104	Oxford Nanopore Technologies	MinION Starter Pack	1 MinION Device + 1 Kit	
105	Oxford Nanopore Technologies	Flongle Starter pack	1 Flongle + 1 Kit	
		Total Amount		

Signature of Supplier:	Supplier's Official Stamp
Name of Supplier:	
Date:	