

निविदा सूचना-II - सूक्ष्मजैविक जांच के लिए उपकरण

संदर्भ: एसबी/क्यू ई एल/पी यू आर /निविदा/इंस्ट-ए सी सी वाई एस-1/2017

10/10/2017

स्पाइसेस बोर्ड, वाणिज्य मंत्रालय, भारत सरकार की ओर से निश्चित तकनीकी विनिर्देशों व अन्य अपेक्षाओं के अनुरूप निम्नलिखित उपकरणों/उपसाधनों की आपूर्ति के लिए निविदाएं आमंत्रित की जाती हैं। उपकरणों/उपसाधनों के नाम, अपेक्षित संख्या, वितरण का स्थान और तकनीकी विनिर्देशों का संदर्भ नीचे तालिका 1 में दिए गए हैं।

तालिका

1: मदों की सूची

क्रम सं.	उपकरण का नाम	आवश्यक संख्या	गु.मू.प्र. स्थान	विनिर्देश सन्दर्भ
1	Electronic balance-5 Digit Precision	2	कोलकाता, काण्डला	अनुबंध 1
2	Electronic Balance-3 Digit Precision	1	कोलकाता	अनुबंध 2
3	BOD Incubator	1	कोलकाता	अनुबंध 3
4	Bacteriological Incubator	2	कोलकाता	अनुबंध 4
5	Homogenizer	1	कोलकाता	अनुबंध 5
6	Bio safety Cabiner (Class II, Type B2)	2	कोलकाता	अनुबंध 6
7	Serological Water Bath with Stirrer	2	कोलकाता	अनुबंध 7
8	Forced Convection Hot Air Oven	1	कोलकाता	अनुबंध 8
9	Digital Colony Counter	1	कोलकाता	अनुबंध 9
10	Trinocular Microscope Integrated with HD Camera, Software and Computer	1	कोलकाता	अनुबंध 10
11	PH Meter	1	कोलकाता	अनुबंध 11
12	Fully Automatic Top Loading Autoclave	1	कोलकाता	अनुबंध 12
13	Pathogen Screening System	2	कोलकाता, काण्डला	अनुबंध 13
14	Automated Microbial Identification System	2	कोलकाता, काण्डला	अनुबंध 14
15	Electric Sterlizer for Inoculation Loop	2	कोलकाता, काण्डला	अनुबंध 15

16	Vertical Laminar Airflow Unit	1	कोलकाता	अनुबंध 16
17	Single Channel Variable Volume Micro pipettes	20	कोलकाता, काण्डला	अनुबंध 17
18	Combined Refrigerator and Freezer	2	कोलकाता, काण्डला	अनुबंध 18
19	Laboratory Blender	8	कोलकाता, कोच्ची, मुंबई, चेन्नई, तूतिकोरिन, गुण्टूर, काण्डला, नरेला	अनुबंध 19

इस आम निविदा सूचना के तहत प्रस्तुत की जानेवाली निविदाएँ नीचे दिए गए निबंधनों व शर्तों के अनुरूप होनी चाहिए। प्रत्येक निविदा के साथ इस निविदा सूचना की प्रत्येक पन्नों पर निविदाकार द्वारा हस्ताक्षरित प्रति संलग्न होना चाहिए, जिसके बिना निविदा पर विचार नहीं किया जाएगा।

1. **निविदाओं की डेलीवरी:** निविदा स्पीड पोस्ट या कुरियर द्वारा नामित पते पर प्रस्तुत की जाएगी ताकि अंतिम तारीख और समय से पहले हमारे कार्यालय तक पहुँच जाएँ। विवरण नीचे **खंड आ** में उल्लिखित हैं।
2. **निविदाओं को खोलना:** प्रस्तावों/बोलियों को निर्धारित स्थान, तारीख व समय पर ऐसे निविदाकर्ताओं या उपस्थित होने के लिए उनके द्वारा चयनित उनके प्रतिनिधियों की मौजूदगी में इस कार्य के लिए गठित की गई समिति द्वारा खोला जाएगा।
3. निविदा खोलने के दिन उसमें भाग लेने के लिए प्रतिभागी बोलीदाताओं को अपनी कंपनियों से एक प्राधिकरण-पत्र प्रस्तुत करना चाहिए। निविदा खोलते समय **प्रत्येक निविदाकार के केवल एक प्रतिनिधि को ही** उसमें भाग लेने की अनुमति दी जाएगी।
4. **निविदाओं का तिरस्कार:** स्पाइसेस बोर्ड बिना कोई कारण बताए किसी भी निविदा या सभी निविदाओं का तिरस्कार करने का अधिकार रखता है।
5. **डेलीवरी के निबंधन:** नीचे बताए निबंधन व शर्तों में विनिर्दिष्ट किए अनुसार, कोट किए गए उपकरण(गों) तथा सभी उपसाधनों और सहायक उपकरणों की आपूर्ति की जानी चाहिए, और उनकी स्थापना/चालू करने का कार्य पूरा होना चाहिए। निविदा के साथ निबंधन व शर्तों की हस्ताक्षरित प्रति भी प्रस्तुत की जानी चाहिए, जिसके बिना निविदा को गैर-अनुपालक माना जाएगा।
6. **आपूर्ति का स्थान:** उपकरण(गों) को, उपर्युक्त तालिका 1 में बताए अनुसार, प्रत्येक उपकरण के अनुरूप संलग्नकों में बताए गए पते पर वितरित व स्थापित करना होगा।

सचिव
स्पाइसेस बोर्ड, कोच्ची-25

(आ) निविदा के निबंधन व शर्तें

I. सामान्य सूचना

1. वेबसाइट www.indianspices.com से डाउनलोड किए निर्धारित निविदा-दस्तावेज़ में ही निविदा प्रस्तुत की जानी चाहिए। प्रस्तुत की जानेवाली निविदाओं को नीचे विनिर्दिष्ट अनुदेशों का सख्त अनुपालन करना चाहिए, इसमें कोई चूक होने पर निविदाओं को अपूर्ण समझा जाएगा और उसका निराकरण भी किया जा सकता है।
2. निम्नलिखित पते पर निविदा प्रस्तुत करने की अंतिम तारीख 14 नवंबर, 2017 को सायं 5.30 बजे तक होगी:

गुणवत्ता मूल्यांकन प्रयोगशाला
स्पाइसेस बोर्ड, सुगंध भवन, एन एच बाई पास
पालारिवट्टम पी.ओ., कोच्ची, केरल-682 025
फोन : 0484-2333610-616(एक्स्टेंशन-329)

3. प्रत्येक उपकरण के लिए अलग-अलग मुहरबंद निविदाएँ प्रस्तुत की जानी चाहिए। निविदा को नीचे के खंड में बताए अनुसार सही रूप से लेबल लगाए मुहरबंद लिफाफे में होनी चाहिए। नियत तारीख और समय के बाद प्राप्त निविदाओं पर, चाहे किसी भी कारणवश हो, विचार नहीं किया जाएगा।
4. निविदा 15 नवंबर, 2017 को सुबह 10.30 बजे ऊपर बताए गए पते पर खोली जाएगी। प्रत्येक निविदाकार के केवल एक प्राधिकृत प्रतिनिधि को ही निविदा के खोलने के समय उसमें भाग लेने की अनुमति दी जाएगी।
5. बोली में वाणिज्यिक निबंधन व शर्तों के साथ सभी तकनीकी विवरण शामिल होने चाहिए।
6. दो-बोली प्रणाली तरीका अपनाई जाएगी, अर्थात्, तकनीकी बोली और वित्तीय बोली को अलग-अलग लिफाफों में प्रस्तुत करना है। निश्चित तिथि को, पहले तकनीकी निविदा को ही खोला जाएगा। तकनीकी विनिर्देशों के अनुपालन करनेवाली निविदाओं की वित्तीय बोलियों को ही बाद की तिथि में खोला जाएगा।
7. प्रत्येक उपकरण के लिए, तकनीकी बोली और वित्तीय बोली दोनों, उचित रूप से अंकित करके अलग-अलग मुहरबंद लिफाफों में होनी चाहिए। दोनों बोलियों को एक तीसरे बड़े लिफाफे में डालना चाहिए और उसके ऊपर "स्पाइसेस बोर्ड निविदा-(उपकरण का नाम), 14 नवंबर, 2017 समाप्त : तकनीकी और वित्तीय बोलियां" लिखना चाहिए।
8. प्रत्येक कोट किए उपकरण के लिए, अलग अलग बोलियां प्रस्तुत की जानी चाहिए।
9. कृपया प्रत्येक उपकरण के लिए ऊपर की तालिका 1 में दिए उचित अनुबंध का हवाला लें। अनुबंधों के तीन खंड हैं :
(i) खंड I- निविदाकार का विवरण (ii) खंड II- उपकरण के लिए अनुपालनार्थ तकनीकी विनिर्देश (iii) खंड III - वित्तीय बोली का सारांश

II. तकनीकी बोली

तकनीकी बोली में निम्नलिखित दस्तावेज़ होनी चाहिए:

1. अनुरूप अनुबंध में दिए गए प्रत्येक उपकरण के विनिर्देशों के खंड I में भरे हुए निविदा संबंधी विवरण
2. प्रत्येक उपकरण के विनिर्देशों में दिए गए खंड II में भरे हुए तकनीकी विनिर्देशों का अनुपालन। खंड II में तकनीकी विनिर्देश के प्रत्येक मुद्दे के सामने कोट किए गए उपकरण का अनुपालन *जी हाँ/ जी नहीं* के रूप में अंकित किया जाना चाहिए। यदि इस अनुपालन वक्तव्य को तकनीकी बोली में शामिल नहीं किया गया है, तो बोली अस्वीकार मानी जाएगी।
3. विनिर्देशों में अपेक्षित उपकरण-निष्पादन के सभी दावों को पर्याप्त उपकरण-रीडआउट और डेटा द्वारा प्रमाणित किया जाना चाहिए। इन्हें अपेक्षित व्याख्यात्मक नोटों के साथ हार्ड कॉपी में प्रस्तुत किया जाना चाहिए।
4. प्रत्येक उपकरण के विनिर्देशों में दिए अनुसार, प्राधिकृत हस्ताक्षरकर्ता द्वारा कंपनी के मोहर तथा सभी अपेक्षित संपर्क विवरण सहित हस्ताक्षर किया गया **बोलीदाता का घोषणापत्र**
5. कोट किए गए मॉडल से संबन्धित किसी तकनीकी साहित्य, ब्रोशर, विनिर्देश शीटें आदि को अनिवार्यतः शामिल किया जाना चाहिए।
6. निविदा में सूचित किए अनुसार कोट किए गए मॉडल के, भारत में कम से कम **5 उपयोक्ता** होने चाहिए, इसके बिना निविदा को अयोग्य माना जाएगा। इन उपयोक्ताओं की सूची, संपर्क व्यक्ति, पता, टेलीफोन, मोबाइल और इ-मेल संबंधी पूरा विवरण तालिका के रूप में दिया जाना चाहिए।
7. तकनीकी विनिर्देश में अपेक्षित अनुसार वारंटी के अधीनस्थ सभी मदों की सूची के साथ वारंटी संबंधी पूरी सूचना दी जानी चाहिए।

III. वित्तीय बोली :

1. निविदा का वित्तीय विवरण भाग III में संक्षिप्त रूप में तालिका में दिया जाना चाहिए जिसके बिना निविदा को अपूर्ण माना जाएगा और अस्वीकार किया जाएगा। कोई अतिरिक्त विवरण है तो अलग दस्तावेज़ के रूप में दिया जा सकता है।
2. अपर्याप्त सूचना /दित्ता के साथ या किसी भी मुद्दे पर निबंधन व शर्तों का उल्लंघन करने वाली अपूर्ण निविदाओं का निरसन किया जाएगा।

IV. ई एम डी

ई एम डी तकनीकी बोली के साथ मोहर बंद लिफाफे में प्रस्तुत किया जाना चाहिए।

1. निविदाकर्ता द्वारा, कुल कोट किए गए मूल्य के 2% के समतुल्य ई एम डी किसी राष्ट्रीयकृत बैंक से "सचिव, स्पाइसेस बोर्ड" के नाम पर लिए " कोच्ची में देय" तीन महीनों तक विधिमान्य डिमांड

ड्राफ्ट के रूप में तकनीकी बोली के साथ प्रस्तुत की जानी चाहिए।

2. ई एम डी के रूप में बैंक गारंटी स्वीकार्य नहीं होगी।
3. ई एम डी के बिना तकनीकी बोली **अप्रतिसंवेदी** मानी जाएगी और यदि निविदाकार के किसी भी वर्ग को विशेष रूप से ईएमडी के भुगतान से सरकार द्वारा छूट दी गई है जिसके लिए कारण और सबूत संलग्न किया जाना है।
4. निविदा प्रदान करने के बाद असफल बोलीदाताओं को बिना ब्याज के, ई एम डी वापिस की जाएगी।
5. क्रय आदेश के लिए सहमति - **ई एम डी की ज़बती** : अगर निविदाकार अपनी निविदा वापस लेता है या स्वीकृति के बाद पीछे हटता है या निष्पादन जमानत जमा न कर पाता है या निविदा सूचना में निर्धारित शर्तों में से किसी का उल्लंघन करता है या वैध अवधि के दौरान कोट किए गए निबंधनों में से किसी का संशोधन करता है तो, ई एम डी ज़ब्त की जाएगी।

V. उपकरणों, निष्पादन बैंक गारंटी, सुपुर्दगी और अन्य सूचनाओं की सीमा-शुल्क निकासी :

1. आयातित उपकरणों के लिए सीमाशुल्क निकासी शुल्क, यदि कोई है तो, बोलीदाता द्वारा वहन किया जाना है और स्पाइसेस बोर्ड द्वारा केवल मर्चें की निकासी के समर्थक कागजात ही प्रस्तुत किया जाएगा। उपकरण की निकासी, सुपुर्दगी और बोर्ड की प्रयोगशाला में उसकी स्थापना की व्यवस्था बोलीदाता को करनी होगी।
2. यदि कोई भारतीय एजेंट शामिल है, तो निम्नलिखित कागजात जरूर संलग्न करना है:
 - यदि लागू है तो, भारतीय एजेंट को देय कमीशन और भारतीय एजेंट द्वारा प्रदान की जानेवाली क्रयोपरांत-सेवा की प्रकृति को सूचित करनेवाले विदेशी प्रमुख का प्रपत्र-बीजक
 - विदेशी प्रमुख के साथ एजेंसी के करार की प्रति और उनके बीच का वास्तविक संबंध और व्यापार में उनके पारस्परिक हित
 - वित्त मंत्रालय की अनिवार्य पंजीकरण योजना के तहत आपूर्ति व निपटान महानिदेशक के साथ भारतीय एजेंट की भर्ती
3. विपणि में उपलब्ध और अधिकाधिक उपभोक्ताओं को सप्लाई की गई मशीन के लिए ही प्रस्ताव/बोली भेजी जाएँ। भारत के उपभोक्ताओं की सविस्तृत सूची निविदाओं के साथ प्रस्तुत की जानी चाहिए। प्रोटोटाइप मशीन के लिए निविदा स्वीकार्य नहीं होगी।
4. निविदा के साथ प्रमुख द्वारा हस्ताक्षरित, कोट किए मॉडल का मूल सूचीपत्र(फोटोकॉपी नहीं) अनिवार्यतः संलग्न होना चाहिए ।
5. **कोट किए गए उपकरण नमूने के निष्पादन दित्ते के लिए** यदि तकनीकी विनिर्देशन की मांग की जाय तो उसकी संपूर्ण जानकारी एक पुस्तिका के रूप में तत्काल संदर्भ हेतु प्रदान की जानी चाहिए।
 - अनुप्रयोग-समर्थन प्रदान करने की क्षमता के प्रमाण स्वरूप, यह डेटा बोलीदाता द्वारा भारत में स्थित अपनी अनुप्रयोग प्रयोगशाला द्वारा, कोट किए मॉडल का प्रयोग करके तैयार किया हुआ होना चाहिए।

- यदि एक से अधिक मॉडल कोट किया जाता है तो प्रत्येक मॉडल के लिए निष्पादन विवरण अलग-अलग प्रस्तुत करना चाहिए।
 - सामान्यीकृत अनुप्रयोग नोटों या अनुसंधान पत्रों को निष्पादन के प्रमाण के रूप में स्वीकृत नहीं किया जाएगा, क्योंकि उनसे उस उपकरण की विनिर्दिष्ट अपेक्षाओं का अनुपालन नहीं हो पाता है।
6. स्पाइसेस बोर्ड, यदि आवश्यक है तो, बोलीदाता की प्रयोगशाला द्वारा तैयार किए दत्ते के पुनरुत्पादन का अवलोकन करने या बोलीदाता की प्रयोगशाला में आवश्यक नमूनों/घोलों का विश्लेषण करने का अधिकार रखता है।
 7. **सुपुर्दगी का समयक्रम:** बोलीदाता द्वारा, उपकरण के सुपुर्दगी के लिए अपेक्षित समय स्पष्ट रूप से सूचित किया जाना चाहिए। वितरण के समयक्रम में किसी विचलन के मामले में निर्णीत हरजाना खंड लागू होगा या आपूर्ति-समय में हुई देरी के लिए जुर्माना लगाया जाएगा।
 8. **जोखिम खरीद खंड:** निर्धारित वितरण-समयक्रम के भीतर मद/उपकरण की आपूर्ति न होने के मामले में बोर्ड जोखिम खरीद खंड के अधीन आपूर्तिकर्ता के पूर्ण जोखिम पर ही अन्य स्रोतों से मद/उपकरण खरीदने का अधिकार रखता है।
 9. **भुगतान:** भारत में निर्मित मदों के लिए कोई अग्रिम भुगतान नहीं किया जाएगा। स्थापना करने हेतु सहमत हुए स्थान पर, संतोषजनक स्थापना के बाद ही भुगतान किया जाएगा। आयातित उपकरण के मामले में, खरीद के अंतिम रूप देने के दौरान स्पाइसेस बोर्ड और निविदाकार के बीच तय किए निबंधन व शर्तों के अनुसार भुगतान किया जाएगा।
 10. प्रयोगशाला कर्मचारियों को संतोषजनक प्रशिक्षण देने के बाद ही भुगतान जारी किया जाएगा।
 11. **वारंटी / गारंटी :** जैसे लागू हो, प्रत्येक उपकरण के लिए विनिर्देशों के भाग II में दिए अनुसार उपकरण के निर्बाध एवं निरंतर कार्यकरण के लिए सभी आवश्यक पुर्जे / सहायक उपकरण व उपभोज्य सामग्री सहित वारंटी के निबंधन प्रस्ताव में स्पष्टतः विनिर्दिष्ट होने चाहिए।
 12. **निष्पादन प्रतिभूति:** सफल बोलीदाता को किसी भी राष्ट्रीयकृत बैंक से बैंक गारंटी के रूप में ऑर्डर मूल्य के 20% राशि के लिए एक निष्पादन प्रतिभूति जमा करनी होगी। निष्पादन प्रतिभूति खरीद आदेश जारी करने के 21 दिनों के भीतर प्रस्तुत की जानी चाहिए और वारंटी दायित्व सहित सभी संविदात्मक दायित्वों को पूरा होने की तारीख से 60 दिनों के लिए मान्य होना चाहिए और इसे वारंटी अवधि के 60 दिनों के बाद जारी किया जाएगा।
 13. एक लाख रुपए तक ऑर्डर मूल्य के उपकरणों के लिए निष्पादन प्रतिभूति प्रस्तुत करने में छूट है।
 14. पांच वर्ष के व्यापक गारंटी में, साल में कम से कम एक बार खोज-योग्य मानकों के प्रयोग करनेवाले उपकरण के मापांकन को भी शामिल करना चाहिए।
 15. उपकरणों का मरम्मत कार्य तीन कार्य-दिवसों के भीतर किया जाना चाहिए, इसमें होनेवाली छूक का परिणाम पांच साल की वारंटी अवधि के विस्तार में होगा।
 16. व्यापक वारंटी में प्रति वर्ष दो निवारक मरम्मत और अनेक ब्रेक-डाउन विसिट शामिल होंगे।

17. उपयोक्ताओं की सूची: प्रत्येक उपकरण के विनिर्देश में दिए अनुसार उपयोक्ताओं की एक विस्तृत सूची प्रस्ताव के साथ शामिल की जानी चाहिए।
18. देरी से प्राप्त प्रस्ताव: नियत तारीख और समय के बाद प्राप्त प्रस्तावों पर विचार नहीं किया जाएगा।
19. स्वीकृति और निरसन : स्पाइसेस बोर्ड, किसी भी निविदा को या प्रस्तुत किए गए परिमाण को पूर्णतः या आंशिक रूप से स्वीकार करने या बिना कोई कारण बताए उसको पूर्ण रूप से निरस्त करने का अधिकार रखता है।
20. विवाद और अधिकार-क्षेत्र: इस निविदा से संबन्धित किसी संविदा-भंग से उत्पन्न किसी भी न्यायिक विवाद का निपटान एरणाकुलम, कोच्ची शहर में स्थित सक्षम अधिकार-क्षेत्र वाले अदालत में ही किया जाएगा।
21. निविदाकार को निविदा कागजात के प्रत्येक पन्ने पर अपना हस्ताक्षर और मोहर अनिवार्यतः लगाना होगा और निम्नानुसार एक अभिस्वीकृति-प्रमाणपत्र देना होगा :

निविदाकार द्वारा अभिस्वीकृति

यह अभिस्वीकृत किया जाता है कि हमने उपरोक्त सभी शर्तों को ध्यान से पढ़ा है और हम उनका पालन करने के लिए सहमत हैं ।

निविदाकार का हस्ताक्षर
कंपनी का मोहर

तारीख

Annexure :Section III: Financial Bid*Name of the Equipment :.....*

This sheet is to be attached as a covering sheet along with the formal technical bid of the quoted instrument. In case more than one instrument / model is quoted, separate sheets have to be attached with each quotation.

Financial Summary for the Instrument model :

Price Description		Price	Comments (if any)
Quoted Currency			
Total Instrument Cost	[a]		
Total cost of Supporting Instruments	[b]		
Comprehensive Warranty Charges (if applicable)	[c]		
Any other charges	[d]		
CIF [a] + [b] + [c] + [d] =	[e]		
Conversion Factor to INR*	[f]		
Total Price in INR [e] x [f] =	[g]		
**Total cost of Items quoted in INR =	[h]		
Final Price in INR = g + h =	[i]		

* Use the conversion factor as on the date prior to the date of submission of the quotation and mention this date clearly.

** Give full list of items quoted in Indian Rupees separately.

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

DATE

SIGNATURE OF TENDERER

SEAL OF THE COMPANY

Annexure 1. Electronic Balance - 5 Digit Precision

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'.

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation (complete compliance statement, list of minimum 5 users of the quoted model, warranty information and specify others if any)	

Section II: Compliance with Technical Specifications

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes / No)	Remarks	Documentary evidence enclosed?
1	Readability of 0.00001 g. (0.01 mg).			
2	Compact design with sturdy chemical resistant body.			
3	Weighing at least 90 mm or equivalent. Øpan			
4	Calibration of a frequently used weighing range using external weights.			
5	Digital panel with back lit display.			
6	Overload protection feature.			
7	Calibration certificate with FI / E2 class calibration weights traceable to NPL should be provided with the balance.			
8	The supplier should have the capability to provide calibration of the balance once in six months with NPL certified weights. Full details of this service should be provided.			
9	One spare power adapter should be provided			
10	Internal adjustment weight for precise result.			
11	Maximum Capacity at least 200g.			
12	Capability of displaying weighing result in different units.			
13	Features like Taring and % weighing feature should be available.			
14	Repeatability at least 0.03 mg.			
15	High grade, chemical resistant housing.			
16	Back lit display.			
17	Standard RS232c interface to connect to external PC.			

18	Hook for weighing below the balance.			
19	Glass draft shield with sliding doors, with free access from right, left and above			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

SIGNATURE OF TENDERER

SEAL OF THE COMPANY

DATE

Annexure 2. Electronic Balance - 3 Digit Precision

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'.

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation	

Section II: Compliance with Technical Specifications

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes / No)	Remarks	Documentary evidence enclosed?
1	Readability of 0.001 g., Capacity 200gm			
2	Compact design with sturdy chemical resistant body.			
3	Weighing pan at least 90 mm or equivalent			
4	Calibration of a frequently used weighing range using external weights.			
5	Digital panel with back lit display.			
6	Overload protection feature.			
7	Calibration certificate with F1 / E2 class calibration weights traceable to NPL should be provided with the balance.			
8	The supplier should have the capability to provide calibration of the balance once in six months with NPL certified weights. Full details of this service should be provided.			
9	One spare power adapter should be provided			
10	Full operation manual should be provided.			
14	Internal adjustment weight for precise result.			
15	Maximum Capacity at least 200g.			
16	Capability of displaying weighing result in different units.			
17	Features like Taring and % weighing feature should be available.			
19	High grade, chemical resistant housing.			

20	Back lit display.			
21	Standard RS232c interface to connect to external PC.			
22	Hook for weighing below the balance.			
23	Glass draft shield with sliding doors, with free access from right, left and above			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

SIGNATURE OF TENDERER

SEAL OF THE COMPANY

DATE

.

Annexure 3. BOD Incubator

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'.

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation(complete compliance statement, list of minimum 5 users of the quoted model, warranty information and specify others if any)	

Section II: Compliance with Technical Specifications

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	Capacity: 340 Liters			
2	Temperature Range: 5°C to 60°C at normal room temperature			
3	Controller: Digital Display Electronic Controller			
4	Control Accuracy: +/- 0.1°C			
5	External Chamber: Mild steel and painted in epoxy powder coating.			
6	Inner Chamber: Stainless Steel of 304 quality with minimum 4 Nos of Detachable shelves			
7	Inner Acrylic Door: Inner full size see through Acrylic 8mm thick			
8	Outer Door: Double walled metal door with Magnetic gasket and lock and key.			
9	Air Circulation: By motorized Recirculation/Forced Air for temperature homogeneity			
10	Should have door operated illumination lamp			
11	Control panel with at cabinet top with 3 nos. indicator for main, heating and cooling			
12	Should have cord with plug to work on 220/230 volts A.C.			
13	A quiet running sealed compressor (CFC FREE) with all its protective devices along with a fan cooled condensing coil			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

DATE

SIGNATURE OF TENDERER

SEAL OF THE COMPANY

Annexure 4. Bacteriological Incubator

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation quotation (complete compliance statement, list of minimum 5 users of the quoted model, warranty information and specify others if any)	

Section II: Compliance with Technical Specifications

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	Size of the Incubator should be 605 mm W; 605 mm D & 910 mm H with a total volume of 320 Ltrs and suitable for 8 racks.			
2	Double walled inside made of thick stainless steel and outside of Mild Steel duly painted with epoxy powder coating.			
3	The gap of 75mm between two walls should be fitted with pure mineral wool.			
4	Synthetic rubber gasket must be provided on the door for better grip.			
5	Door should have a glass window outside .			
6	Heating elements should be placed in ribs at the bottom and sides.			
7	Two adjustable air ventilators must be placed near the top of the sides.			
8	The temperature must be controlled by an Electronic Micro processed Temperature Controller cum Indicator from few °C above ambient to 70°C with sensitivity of ± 0.1 °C supplied with two pilot lamps.			
9	Should have an air circulating fan to maintain uniform temperature throughout the incubator.			
10	Should have perforated quality stainless steel detachable shelves (minimum 4 Nos.) adjustable at any level.			
11	Should have cord with plug to work on 220/230 volts A.C.			

SIGNATURE OF TENDERER

SEAL OF THE COMPANY

DATE

Annexure 5. Homogenizer

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'.

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation (complete compliance statement, list of minimum 5 users of the quoted model, warranty information and specify others if any)	

Section II: Compliance with Technical Specifications

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	Dimensions: 330mm wide x 355 mm deep x 300 mm high			
2	Voltage supply: 220-250V			
3	Supply frequency: 50-60 Hz			
4	Plug Top Fuse: F5A			
5	Insulation: Class 1 (Earthed)			
6	Installation: Over voltage Category II			
7	Pollution : Pollution degree II			
8	Duty Cycle: Continuous			
9	Rated Load: 140W			
10	Disposable bag size: 177mm x 304 mm			
11	Minimum capacity : 80 ml			
12	Maximum capacity: 400 ml			
13	Maximum sample temperature: 60°C			
14	Ambient Operating Temperature: 10-35°C			
15	Operating Relative Humidity range: 10-89%			
16	Adjustable timer settings : 0 seconds - 90 minutes			
17	Paddle speeds : 200 rpm; 230 rpm; 260 rpm			
18	Paddle Clearance : 0-10 mm			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

SIGNATURE OF TENDERER

SEAL OF THE COMPANY

DATE

Annexure 6. Bio safety Cabinets (CLASS II - Type B2)

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'.

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation (complete compliance statement, list of minimum 5 users of the quoted model, warranty information and specify others if any)	

Section II: Compliance with Technical Specifications

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	Cleanliness Level: CLASS 100 (ISO 5 for particle sizes > or equal to 0.3 μ , Max 3520 particles/M ³ ; as per Clean room classification & monitoring standards IEST ISO 14644 –1			
2	Size: Ft (w x d x h) 3 x 2 x 2			
3	Air Balancing: 100% Exhaust & 0% Re-Circulation			
4	Particle retention: 0.3 micron particles with typical efficiency of >99.997%			
5	Velocity: 80-100 fpm at initial set point			
6	Noise level: 65 decibel on “A” scale \pm 5 as per NSF 49			
7	Pressure Differential: Dwyer, USA Make Magnahelic / Gauge (0-25 mm) – 01 no. / Unit			
8	Ultra violet lamp: 3 feet, 30Watt - Original - Philips, Holland make - 1 No.			
9	Illumination: 3 feet, 40 Watt, Fluorescent tube – 2 Nos (or) suitable CFL Lamps			
10	Power supply: 230 V, Single Phase, 50 Hz			
11	Material of Construction: Cabinet made from Galvanized Iron 18 SWG sheet metal with polyurethane paint coated finish and bottom will be supported with MS with PU coated modular stand which can be adjustable for height with leveling legs.			
12	Working Table: Removable type tabletop, made of perforated IS 304 Stainless Steel - satin finished, underneath provided with drain-pan to collect & dispose off liquid wastes			
13	Working Area: The entire working zone is lined with IS 304 grade stainless steel materials with joint free covering on corners for easy cleaning			
14	Front door: Made of clear 5 mm thick Toughened glass – vertical sliding			

15	Side Panels: Both the sidewalls are made from double layered outer GI & inner stainless steel with return-air plenum in between. Edges are perforated to avoid entry of room air into the work zone and exit of contaminated air in to the room and such contaminated air is sucked through this full height perforation at the edges of the sidewalls.			
16	HEPA Filter			
17	Media: Ultra clean glass fiber paper – imported			
18	Supply Air & Exhaust: Type Mini-Pleated constructions			
19	Retention: 0.1 to 0.3 micron			
20	Efficiency: 99.999% to 0.3 microns as per IEST-RP-CC001.3 USA			
21	Pressure drop: 12 mm WG			
22	Grade: H14 rating			
23	Pre Filter			
24	Media: Non woven - synthetic polyester			
25	Retention: 10 - 15 micron			
26	Efficiency: 90%			
27	Pressure drop: 6mm WG			
28	Grade: F7 rating			
29	Supply Air Blower: Which consists of dynamically & statically balanced aluminum centrifugal impeller driven by an Single phase, 1440-RPM motor, enclosed in a PU coated GI casing, suitably suspended in a pair of springs & connected to the filter chamber through flexible canvas duct inside the cabinet.			
30	Exhaust Blower: Suitable displacing capacity having a static of 60 mm WG and made of mild steel and directly driven by a single phase, 1440-RPM motor. The exhaust motor & blower unit will be connected to the cabinet through an exhaust duct made of rigid PVC pipe.			
31	Exhaust Duct: The exhaust air will be sending out through an exhaust duct made of 125 mm dia rigid PVC pipe. Suitable canopy will be provided at the end of the duct.			
32	ON/OFF Controls: “ON/OFF” soft touch switch controller for the blower, UV lamp, Day light lamp.			

33	UV / Door integration: Apart from an independent control switch, the closing / opening operation of front door is integrated with the UV on / off. The UV will automatically switch “off” when the front doors opened; likewise, the UV will switch “on” automatically when the door is closed. This will avoid accidental exposure of UV rays to the users’ as UV rays are harmful to the skin.			
34	Note: The following test should be carried out at the time of installation and the corresponding calibration certificate should be provided. Laser Particle Count test to confirm the Cleanliness level, Velocity Measurement Test to adjust required velocity, Differential pressure measurement to confirm the HEPA filter condition			
35	The following certificate should be provided with each unit: Design Qualification (DQ) Installation Qualification (IQ) Operational Qualification (OQ) Performance Qualification (PQ) Test Certificate for Mini-Pleat HEPA Filters Calibration Certificate for Pressure Gauge Calibration Certificate for Air Velocity Anemometer, Laser Particle Counter Test Certificate & Report Warranty Certificate			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

DATE

SIGNATURE OF TENDERER
SEAL OF THE COMPANY

Annexure 7. Serological Water Bath with Stirrer

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation (complete compliance statement, list of minimum 5 users of the quoted model, warranty information and specify others if any)	

Section II: Compliance with Technical Specifications

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	Size of the bath should be 455 mm L; 300 mm W; 175mm D with a total volume of 25 Ltrs and suitable for 6 racks.			
2	Double walled inside, made of Stainless Steel and outside of Mild Steel Sheet duly painted with epoxy powder coating.			
3	Should have 25 mm mineral wool insulation on five sides .			
4	Heating element made of Copper Nickel plated tabular type and approximately extend to full length of the water bath.			
5	Temperature range above room temperature to 100° C with an accuracy of $\pm 0.1^{\circ}\text{C}$.			
6	Temperature control by Electronic Digital Temperature Controller-cum-Indicator			
7	Control panel should consist of two neon pilot lights which indicates control cycles as well as the main heater switch and temperature control knob.			
8	The water bath should have perforated and removable diffuser shelves.			
9	Should have Stainless Steel cover, brass drain plug, cord with plug to work on 220/230 volts A.C.			
10	Must be provided with Stirrer of 1/20 H.P. Supported by High Speed motor with stainless steel stirring rod and blade provided with speed regulator.			
11	Lid of water bath should be made of Stainless steel of 304 quality.			

Please sign the declaration on the next page.

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

SIGNATURE OF TENDERER

SEAL OF THE COMPANY

DATE

.

Annexure 8 . Forced Convection Hot Air Oven

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'.

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation (complete compliance statement, list of minimum 5 users of the quoted model, warranty information and specify others if any)	

Section II: Compliance with Technical Specifications

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	Forced convection design ensuring high level of control accuracy and uniformity with a max capacity 150 L.			
2	Inner Chamber Dimensions (WxDxH): 500 × 500× 600mm			
3	Outer Chamber Dimensions (WxDxH):690 × 830 × 950mm			
4	Inner Chamber Construction: Stainless steel			
5	Abrasion resistant and durable finish by heat cured epoxy coating on steel exterior			
6	No. of Shelves Minimum 2 (Detachable stainless steel wire mesh shelves)			
7	Temperature Range: Ambient +5 to 200°C			
8	Control Accuracy: ±1°C			
9	Uniformity:±2°C at 100°C			
10	Heater Power: 2Kw			
11	Digital PID temperature controller with timer, alarms and auto tuning.			
12	Inbuilt Glass window into the door for easy viewing of the load			
13	Automatic cut off of heater & blower when door opened			
14	Electric overload safety with MCB			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

SIGNATURE OF TENDERER
SEAL OF THE COMPANY

DATE

Annexure 9. Digital Colony Counter

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'.

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation quotation (complete compliance statement, list of minimum 5 users of the quoted model, warranty information and specify others if any)	

Section II: Compliance with Technical Specifications

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	Desktop compact model for the rapid, accurate and fatigue free counting of bacterial colonies with adjustable magnifier (120 mm) pressure operated hand held marking pen.			
2	Counting modes: Manual push button or pen probe click action count (Marking pen probe counting)			
3	Accepts Petridishes up to 120mm diameter, with a centering adaptor for standard 90mm dishes			
4	Digital LED display up to 9999 with audible count and last count recall			
5	Illumination by fluorescent /LED lamp			
6	Zero reset button			
7	Full Stainless steel fabricated body with duly heat cured epoxy coating with dimensions 41x32x30 cm			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted

SIGNATURE OF TENDERER
SEAL OF THE COMPANY

DATE

**Annexure10. Trinocular Microscope integrated with
HD Camera, Software and Computer**

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'.

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation quotation (complete compliance statement, list of minimum 5 users of the quoted model, warranty information and specify others if any)	

Section II: Compliance with Technical Specifications

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	Binocular Compound Microscope			
2	LED Illumination with continuous intensity adjustment (Life of more than 20000 Hrs)			
3	Microscope should have 4 fold nose piece, Objectives should be inward inclined.			
4	It should have Plan achromatic objectives – 4x, 10x, 40x & 100x oil			
5	It should be supplied with 30 degree binocular tube (IPD 52 - 75 mm).			
6	Eyepiece pair – 10x/ 20 FN with eyepiece locking screw, Foldable Eye guards			
7	Microscope should have Low position and self adjusting focusing mechanism. 300 microns per fine focus rotation. Calibrated in 3 microns Increments .			
8	It Should have One hand slide loading, 26x76mm stage travel			
9	Antimicrobial treated with Proper Documents			
10	Microscope should have Integrated vertical handle for easy lifting and storage			
11	Microscope should have Integrated cord warping facility.			
12	Machine should have auto cut off facility after 2 hours			
13	Upgradable for phase contrast, dark field& Fluorescence			
14	Microscope should have point counting and non point counting mechanical stages			
15	It should have hard anodizing stage surface			
16	It should have break for securing rotation.			
17	Dedicated Scientific integrated High Definition Camera			

18	Capability to get live image on PC monitor and control from PC, minimum 3 mega pixel resolution HD camera with SD card slot and SD card to store images without computer also.			
19	Camera should have switch for image capture			
20	Supplied with USB and HDMI cable .			
21	Sensor horizontally/vertically aligned +/- 1degree.			
22	No reflection, dust or impurities visible on prism			
23	Data format JPEG,TIFF and BMP.			
24	Camera should have video recording facility			
25	Camera should be compatible for multifocus, overlay and extended annotation			
26	Supplied with image analyzer for calibration, sharpening tool , insertion of micron bar & documentation			
27	Configuration			
28	Should be supplied with Branded Computer Min configuration i5Processor,4GB Ram,1TB HDD & 2B Graphics			
29	Note: Same manufacturer must quote for Microscope, Camera and Software			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

SIGNATURE OF TENDERER

SEAL OF THE COMPANY

DATE

Annexure 11. pH Meter

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'.

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation quotation (complete compliance statement, list of minimum 5 users of the quoted model, warranty information and specify others if any)	

Section II: Compliance with Technical Specifications

pH Meter

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	pH Range: 0 to 14			
2	pH Resolution: 0.001 pH			
3	pH Stability : 0.002 pH per hour			
4	pH Relative Accuracy: ± 0.002 pH ± 1 Digit			
5	pH Slope: 85% to 115%			
6	pH Standard Buffers: 1.679, 4.004, 7.000, 9.183, 12.454 (NIST traceable)			
7	pH Buffer Deviation: ± 0.5 pH			
8	mV Range: 0 to ± 1999.9 mV			
9	mV Resolution: 0.1 mV			
10	mV Accuracy: ± 0.5 mV ± 1 Digit or $\pm 0.05\%$ of reading			
11	Temperature Compensation: Auto/Manual			
12	Temperature Range: 0 to 99°C			
13	Temperature Resolution: 0.1°C			
14	Temperature Accuracy: ± 0.5 °C ± 1 Digit			
15	Display: 2 line, 20 - Character alphanumeric LCD			
16	Annunciation: Individual LED with keys for calibration, pH, ABS mV REL mV and Print			
17	Printer Port: Suitable to connect to a digital Printer			
18	Power: 230 V AC $\pm 10\%$, 50 Hz			
19	Dimensions: 250 (W) X205 (D) X75(H) mm			
20	Accessories: pH Electrode (Combined); Temperature probe (PT-100 Sensor), Electrode Stand & Clamp			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

DATE

SIGNATURE OF TENDERER

SEAL OF THE COMPANY

Annexure 12. Fully Automatic Top Loading Autoclave

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'.

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation quotation (complete compliance statement, list of minimum 5 users of the quoted model, warranty information and specify others if any)	

Section II: Compliance with Technical Specifications

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	Fully Automatic Top Loading Autoclave with capacity of 180 Litres			
2	Single lever lock for lid with single hand opening.			
3	Working chamber dimension: 550x760 mm			
4	Carrier dimensions: 500 x 350 (2)			
5	Heater Power: 5.0 kW			
6	Operating Pressure: 16 Psi/110.3 kPA			
7	Automatic purging and exhaust.			
8	Safe and sturdy chamber manufactured to ASME standards in SS304			
9	Epoxy coating on steel exterior			
10	Low water level detection.			
11	Microprocessor Based Control ensures repeatability & a high accuracy.			
12	Spring loaded safety valve for over pressure.			
13	Independent safety for Over temperature.			
14	Pressure interlock on door.			
15	CE Certified			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

DATE

SIGNATURE OF TENDERER
SEAL OF THE COMPANY

Annexure 13. Pathogen Screening System

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation (complete compliance statement, list of minimum 5 users of the quoted model, warranty information and specify others if any)	

Section II: Compliance with Technical Specifications

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	Automated pathogen monitoring system capable for the detection of Listeria species, Listeria monocytogenes, Salmonella species, E.coli O157:H7, S.aureus enterotoxin etc.			
2	System principle based on Enzyme Linked Fluorescent assay (ELIFA).			
3	Test protocol comply with AOAC/ AFNOR / EU/ ISO Specifications.			
4	Capable of analyzing 60 samples or more within 2 hrs time.			
5	Maximum time required for enrichment to test result as 19hrs. (45 minutes from enrichment to result)			
6	Multiparametric/multi sample analysis.			
7	The system should be >98% specific having sensitivity of 1.0 log cells before enrichment or 3 log cells after enrichment.			
8	Negative and Positive controls must be supplied with the kits and system should demonstrate them.			
9	System should be supported with MS windows operated system and its compatibility with LIMS system for data storage/ transfer.			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

SIGNATURE OF TENDERER

SEAL OF THE COMPANY

DATE

Annexure 14. Automated Microbial Identification System Using Advanced Colorimetry

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation quotation (complete compliance statement, list of minimum 5 users of the quoted model, warranty information and specify others if any)	

Section II: Compliance with Technical Specifications

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	The system should be fully automated including Vacuum filler, cassette loader, reader Carousel and waste container built in a compact instrument.			
2	The system must have the capacity to accommodate at least of 50 tests, at any time.			
3	The system must have a bar code scanning device for test card identification and specimen number entry.			
4	The system should have inbuilt card sealer and automatic used card collector.			
5	The system must have identification cards for microorganisms (e.g. Gram negative, Gram positive and anaerobic bacteria, corynebacteria species and yeast species etc.)			
6	The system should have database comprising of environmental and industrial isolates.			
7	System must be USFDA approved and 21 CFR part 11 compliance fully automated working on advance colorimetric technology to produce a single choice identification for bacteria and actinomycetes.			
8	The system should have a Supplementary React File (SRF mode) for creating customized database.			
9	The system should be equipped with a facility to check the density of the inoculum.			
10	The system should provide highest discrimination between species.			
11	The software must have the following capabilities of Work flow management, Data storage & Test quality control management. It should be able to connect V-Link software.			
12	The system should be capable of reading the results in kinetic mode.			
13	The system must have the ability to check the quality of test results and subsequent validation.			
14	The system should be capable of storing and checking the Audit history.			
15	The system must have no additional reagent costs. If			

	additional reagent costs are required please supply details including cost and preparation time.			
16	The supplier must state performance of identification cards.			
17	The identification procedure must be completed in less than 24 hrs.			
18	PC, Printer, Software necessary for operating the system should form a part of the instrument.			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

SIGNATURE OF TENDERER

SEAL OF THE COMPANY

DATE

Annexure 15. Electric Sterilizer For Inoculation Loop

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'.

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation quotation (complete compliance statement, list of minimum 5 users of the quoted model, warranty information and specify others if any)	

Section II: Compliance with Technical Specifications

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	Should made of stainless steel and capable of rapid and precise fast loop sterilization.			
2	Should provide uniform and constant heat for perfect sterilization.			
3	Capable of producing dry heat at 700°C (1292°F).			
4	Should have a long lasting sterilizing tube.			
5	Diameter of the sterilizing tube shall between 12-15mm and the length between 140-150mm.			
6	The system should have temperature indicating controller.			
7	Compatible to connect to power supply: AC220V; 50Hz; 350W.			
8	Should be compact enough with a height ,width and diameter should not be more than 300mm.			
9	Should not exceed 5 Kg the weight.			
10	Should have GMP compliance.			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

SIGNATURE OF TENDERER
SEAL OF THE COMPANY

DATE

Annexure 16. Vertical Laminar Airflow Unit

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'.

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation (complete compliance statement, list of minimum 5 users of the quoted model, warranty information and specify others if any)	

Section II: Compliance with Technical Specifications

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	Cleanliness Level: CLASS 100 (ISO 5 for particle sizes $0.5 \mu < 3530$ particles/M ³ of air at both at Rest & Operation Condition as per ISO 14644 –1(ISO 5 replaces Class 100 US-FS 209 E)			
2	Size: Ft (w x d x h) 2 x 2 x 2			
3	Direction of Flow:Vertical Down flow			
4	Particle retention: 0.3 micron particles with typical efficiency of >99.997%			
5	Velocity: 90 Feet/Minute \pm 20 %			
6	Noise level: 65 decibel on “A” scale \pm 5			
7	Pressure Differential: Dwyer, USA Make Magnehelic / Minihelic Gauge (0-25 mm) – 01 no. / Unit			
8	Ultra violet lamp: U V lamp 18 Inches, 18 Watts ORIGINAL - PHILIPS, HOLLAND make - 1 No.			
9	Illumination: by LED lamps with Diffusers			
10	Power supply: 230 V, Single Phase, 50 Hz			
11	Accessories: 5/15 Amps Combined Socket Switch, Air / Gas / Vacuum line cock.			
12	Material of Construction: Cabinet made from Galvanized Iron 18 SWG sheet metal with polyurethane paint coated finish and bottom will be supported with MS with PU coated modular stand which can be adjustable for height with leveling legs.			
13	Working Table: Single Piece Removable type tabletop, made of IS 304 Stainless Steel - satin finished			
14	Front door: Feather touch motorized option , made of clear 5 mm thick Acrylic / Polycarbonate sheet – vertical sliding, while opening the door UV Lamp will be cut “OFF” and while closing the door UV Lamp will be “ON” automatically.			

15	Side Panels: Both the sidewalls are covered with 5 mm thick IS 304 stainless steel panels .			
16	HEPA Filter			
17	Media Ultra clean glass fiber paper – imported			
18	Type Mini-Pleated constructions			
19	Retention 0.3 micron			
20	Efficiency 99.997% to 0.3 microns as per IEST-RCC001.3 USA			
21	Pressure drop 12 mm WG			
22	Grade H14 rating			
23	Pre-filter			
24	Media Non woven - synthetic polyester			
25	Retention 10 - 15 micron			
26	Efficiency 90%			
27	Pressure drop 6 mm WG			
28	Grade F7 rating			
29	Supply Air Blower: Consists of dynamically & statically balanced aluminum centrifugal impeller driven by an Single phase, 1440-RPM motor, enclosed in a PU coated GI casing, suitably suspended in a pair of springs & connected to the filter chamber through flexible canvas duct inside the cabinet.			
30	ON/OFF Controls: “ON/OFF” soft touch switch controller for the blower, UV lamp, Day light lamp.			
31	UV / Door integration: Apart from an independent control switch, the closing / opening operation of front door is integrated with the UV on / off. The UV will automatically switch “off” when the front doors opened; likewise, the UV will switch “on” automatically when the door is closed. This will avoid accidental exposure of UV rays to the users’ as UV rays are harmful to the skin.			
32	Note: The following test should be carried out at the time of installation and the corresponding calibration certificate should be provided. Laser Particle Count test to confirm the cleanliness level Velocity Measurement Test to adjust required velocity Differential pressure measurement to confirm the HEPA filter condition			

33	<p>The following certificate should be provided with each unit:</p> <ul style="list-style-type: none"> Design Qualification (DQ) Installation Qualification (IQ) Operational Qualification (OQ) Performance Qualification (PQ) Test Certificate for Mini-Pleat HEPA Filters Calibration Certificate for Pressure Gauge Calibration Certificate for Air Velocity Anemometer, Laser Particle Counter Test Certificate & Report should be provided Warranty Certificate 			
----	---	--	--	--

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

SIGNATURE OF TENDERER

SEAL OF THE COMPANY

DATE

Annexure 17. Single Channel Variable Volume Micropipettes

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'.

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation (complete compliance statement, list of minimum 5 users of the quoted model, warranty information and specify others if any)	

Section II: Compliance with Technical Specifications

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	Spring Loaded Tip Cone for connecting tips very tightly			
2	Adjustment opening for adjusting pipettes to a specific liquid and volume.			
3	Control Button with very low operating force, Color indication for pipette volume.			
4	Tip ejector with very low operating force, positioned for perfect ergonomics.			
5	Volume Display: 4 Digits with magnifier.			
6	Perfect Piston System made out of Fortron.			
7	Very easy removable lower part for cleaning pipette			
8	Fully Autoclavable			
9	No discoloration upon UV irradiation			
10	3 Years Warranty			
11	Volume range & Quantity required: A) 0.5 - 10 µl (2 Nos.) B) 2 - 20 µl (2 Nos.) C) 10 - 100 µl (2 Nos.) D) 100 - 1000 µl (2 Nos.)			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

SIGNATURE OF TENDERER
SEAL OF THE COMPANY

DATE

Annexure 18. Combined Refrigerator and Freezer

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'.

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation (complete compliance statement, list of minimum 5 users of the quoted model, warranty information and specify others if any)	

Section II: Compliance with Technical Specifications

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	Combined Freezers (-20°C to -40°C) with Refrigerator (2°C to 8°C) with minimum capacity of 90 ltr and 180 ltr respectively.			
2	Minimum 3 compartments for refrigerator and 2 compartments for freezer			
3	Dual microprocessor control temperature adjustment for freezer and pharmacy refrigerator sections separately with LED display.			
4	Noise level should be less than 50 dB			
5	USB interface for data transfer.			
6	Transparent glass door for pharmacy refrigerator for easy visibility.			
7	Inbuilt temperature recording software to store one month data.			
8	Adjustable shelves and drawers.			
9	Stainless Steel interiors to prevent corrosion.			
10	Alarms for systems malfunction, over and under temperature, power failure, low battery, sensor error and high ambient.			
11	Alarm buzzer representation: audible and visible.			
12	Built-in chargeable battery to sustain display the temperature and alarm for 72 hours if power failure.			
13	Double seal of the freezer chamber to prevent defrosting.			
Additional Terms and Conditions				
1	A complete compliance statement (this sheet filled in), stating the status of compliance with each point in the technical specification, should necessarily accompany the quotation.			

2	A minimum of 5 users of the quoted model in India should be available. The list of these users, with full details of contact persons, addresses, telephone, mobile and email should be provided in table form.			
---	--	--	--	--

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

SIGNATURE OF TENDERER

SEAL OF THE COMPANY

DATE

Annexure 19. Laboratory Blender

The technical bid is to be submitted by filing in Section I and II, duly signed by the authorized signatory in the 'Declaration of the Bidder'.

Section I: Details of the Quotation

Quotation Submitted By	
Quotation Reference No.	
Date of submission of quotation	
Details of EMD submitted (if any)	
Full Address	
Name of principal supplier (if not self)	
Authorized contact person	
Designation	
Contact details	
List of supporting documents submitted along with the quotation (complete compliance statement, list of minimum 5 users of the quoted model, warranty information and specify others if any)	

Section II: Compliance with Technical Specifications

Against each point in the technical specification, compliance must be marked as YES / NO

	Required Specification	Complying (Yes/No)	Remarks	Documentary Evidence Enclosed?
1	Rating: 220 Volts - 50 Cycles - Single phase - AC Only			
2	Speed: 14000 – 18000 RPM Approx.			
3	Watts: 450 watts (2Amp)			
4	Timer: Selective timer cycle from 0.1 to 5 minutes for automatic blending or manual control setting for continuous running.			
5	Base: Aluminium Cast – Baked Enamel Finish			
6	Container: 1000 mL , Stainless steel Jar with steel blades- 1 Piece stainless steel cap.			
7	Cord: 2 Mtr. - Three conductor grounder cord			
8	Stainless steel jar along with lid shall be autoclavable			

Declaration by the Bidder

It is hereby declared that, the details given above are correct as pertaining to the quoted model, and all data and reports required for substantiation technical claims have been submitted.

SIGNATURE OF TENDERER

SEAL OF THE COMPANY

DATE

ERROR: undefined
OFFENDING COMMAND:

STACK: