विमानन संचालनालय
केपिटल कॉम्प्लेक्स महानदी भवन,
मंत्रालय, अटल नगर, नवा रायपुर (छ0ग0)

क्रमांक 911 /विमा0/संचा0/2023 नवा रायपुर, दिनांक 17/01/2023

निविदा आमंत्रण

विमानन संचालनालय छ.ग. शासन, राज्य के तीन रिजनल कनेक्टिविटी स्कीम एयरपोर्ट – जगदलपुर, बिलासपुर, अम्बिकापुर में उपकरण/सुरक्षा उपकरण के क्रय व स्थापना हेतु निर्माता/प्राधिकृत डीलर/विक्रेता/प्रदाता कंपनियों से विभिन्न सुरक्षा उपकरणों (पांच वर्षों के अनुरक्षण सहित) क लिये दर/वित्तीय प्रस्ताव आमंत्रित करता है। ईच्छुक कंपनियां निविदा हेतु निर्धारित अंतिम तिथि 25.01.2023 तक अपने दर/वित्तीय प्रस्ताव सील बंद लिफाफे में प्रस्तुत कर सकते हैं।

1. सामान्य निर्देश

राज्य के तीन रिजनल कनेक्टिविटी स्कीम एयरपोर्ट – जगदलपुर, बिलासपुर, अम्बिकापुर में निम्नानुसार सुरक्षा उपकरणों की स्थापना किया जाना प्रस्तावित है।

Sr.No.	Particular
1	Door Frame Metal Detector
2	Hand Held Metal Detector
3	X-ray Machine for registered baggage
4	Explosive Trace Detector

एयरपोर्ट सुरक्षा हेतु समस्त उपकरण ब्यूरो ऑफ सिविल एविएशन सिक्योरिटी (बीसीएएस) के तय मानक अनुसार क्रय किया जाना है। क्रय किये जाने वाले सामग्री/उपकरण की संख्या/मात्रा की जानकारी विजेता निविदाकर्ता को अनुबंध उपरांत क्रय आदेश जारी करने के दौरान दी जावेगी। क्रय किय जाने वाले सामग्री/उपकरण की संख्या/मात्रा में कमी/बढोत्तरी संभव है। उपकरणों हेतु ब्यूरो ऑफ सिविल एविएशन सिक्योरिटी (बीसीएएस) के निर्धारित मानक अनुलग्नक **"क"** में संलग्न हैं। प्रदाय की जा रही सामग्री/उपकरण/सुरक्षा उपकरण बीसीएएस मानकों के अनुरूप है यह सुनिश्चित करना निविदाकर्ता की जिम्मेदारी होगी तथा इस आशय का प्रदायकर्ता को अनुलग्नक **"ख"** के प्रारूप में प्रमाण पत्र देना अनिवार्य होगा।

2. निविदा की शर्तें

I. निविदा में शामिल होने के लिये मूल निर्माता/निविदाकर्ता के पास पूर्व में किसी विमानन संस्था/निकाय को बीसीएएस मानक के अनुरूप सुरक्षा उपकरण/सामग्री प्रदाय का अनुभव हो। किसी एक उपकरण की सप्लाई का अनुभव अन्य उपकरणों की सप्लाई के लिए मान्य नहीं होगा।

II. निविदा रजिस्टर्ड डाक अथवा स्पीड पोस्ट अथवा पी.एण्ड टी0 विभाग से अधिकृत कोरियर के द्वारा संचालक, विमानन संचालनालय, ए डी 03/09 तृतीय तल, महानदी भवन, मंत्रालय, नवा रायपुर छ.ग. पिन कोड कमांक 492002 के पते पर प्रेषित करना होगा। निर्धारित तिथि तक निविदा सीधे कार्यालय में भी जमा किया जा सकता है।

III. निविदा प्राप्ति की अंतिम तिथि 25.01.2023 समय अपरान्ह 03:00 बजे तक निर्धारित हैं। निर्धारित तिथि/समय उपरांत निविदा हेतु प्राप्त आवेदन स्वीकृत नहीं किया जायेगा। डाक प्राप्ति में विलंब होने की दशा में विभाग की कोई जिम्मेदारी नही होगी।

IV. प्राप्त निविदाओं को निविदा प्राप्ति की अंतिम तिथि 25.01.2023 के नियत समय पश्चात् 04:00 बजे निविदाकारों की उपस्थिति में अथवा उनके अधिकृत प्रतिनिधियों के समक्ष विमानन संचालनालय, द्वितीय तल, महानदी भवन मंत्रालय, नवा रायपुर छ.ग. में खोला जावेगा।

V. निविदा 03 पृथक–पृथक लिफाफे में प्रस्तुत करना अनिवार्य होगा।

(अ) लिफाफा क्र0 01 में निविदा संबंधी आवश्यक , निर्धारित सुरक्षा निधि अथवा छूट संबंधी प्रमाण पत्र क्रमवार रखा जाना है। लिफाफा क्र. 01 पर "EMD" अमानत राशि अंकित किया जाएगा।

(ब) लिफाफा क्र. 02 में आवश्यक अर्हता एवं तकनीकी दस्तावेज क्रमवार रखा जाना है । (संलग्नक **"अ"** के क्रम अनुसार व चेक लिस्ट सहित) व लिफाफे में **"तकनीकी प्रस्ताव"** अंकित किया जायेगा ।

(स) लिफाफे क्र0–03 में वित्तीय/दर प्रस्ताव रखा जावे। इस लिफाफे पर "**वित्तीय प्रस्ताव**" अंकित किया जाना अनिवार्य होगा। इस प्रकार 03 लिफाफों को एक बड़े लिफाफे में बंद कर प्रस्तुत/जमा करना होगा। जिस लिफाफे में वित्तीय/दर हो उसमें निर्धारित प्रारूप (संलग्नक – **"ब"** व प्रमाण पत्र सहित) में संबंधित उपक्रम के मुहर सहित **वस्तु का नाम, दर, कर, कुल दर आदि** अंकित किया जाना है। प्रस्तावित दरें शब्दों व अंकों में स्पष्ट रूप से लिखा जावे।

VI. निविदा में भाग लेने वाले निविदाकर्ता, विभाग की निविदा शर्तो को बिना शर्त और असंदिग्ध रूप से स्वीकारते हुए निविदा कागजात/पत्रक के प्रत्येक पृष्ठ पर पृष्ठ क्रमांक अंकित करते हुए मुहर सहित हस्ताक्षर करेंगे । इसमें किसी भी प्रकार का परिवर्तन स्वीकार नही होगा, निविदाकर्ता को हस्ताक्षर तथा मुहर लगाकर अनुलग्नक **"स"** के प्रारूप में प्रमाण पत्र प्रस्तुत करना होगा :–

3. "तकनीकी प्रस्ताव" के साथ प्रस्तुत किया जाने वाले पत्रक/संलग्नकः–

1) निविदा में शामिल होने वाले मूल निर्माता/निविदाकर्ता के पास पूर्व में समान सुरक्षा उपकरण सामग्री के कार्य अनुभव के पक्ष में कम्पनी के नाम पर जारी आदेश एवं प्रदाय सामग्री तथा कम्पनी द्वारा दिये गये प्रशिक्षण हेतु संबंधित विमानन संस्था/निकाय द्वारा दिये गये कार्य पूर्णता एवं अनुभव पमाण पत्र की कापी अनिवार्य रूप से संलग्न की जावे।

2) टेण्डर हेतु फीस राशि रूपये 2000/- डिमांड ड्राफ्ट के रूप में In Favour of (Director Aviation, Payable at Raipur) जो वापसी योग्य नहीं होगा संलग्न करना अनिवार्य होगा।

3) EMD (Earnest Money Deposit) हेतु निर्धारित राशि रू. 6,50,000/– Director Aviation, Raipur के नाम से भुगतान योग्य डिमांड ड्राफ्ट अथवा रायपुर बैंक शाखा में भुगतान योग्य Irrevocable Bank Guaranty या FDR/TDR संलग्न किया जावें। विजेता निविदाकार की EMD (Earnest Money Deposit) के अलावा अन्य निविदाकारों की EMD टेण्डर प्रक्रिया पश्चात् वापस कर दी जावेगी। "EMD" पर विभाग द्वारा कोई ब्याज देय नहीं होगा। कार्य पूर्णता उपरांत विजेता कंपनी की EMD वापस कर दी जावेगी।

4) विजेता कंपनी को सुरक्षा निधि के रूप में कुल क्रय आदेश की 3% राशि Director Aviation, Raipur के नाम से भुगतान योग्य डिमांड ड्राफ्ट अथवा रायपुर बैंक शाखा में भुगतान योग्य Irrevocable Bank Guaranty या FDR/TDR के रूप में 05 वर्ष हेतु जमा करना होगा। जो समयावधि पूर्ण होने एवं संतुष्टिदायक सेवा मिलने पर कंपनी को वापस कर दी जावेगी।

5) प्राप्त निविदा/दर/प्रस्ताव मे समानता होने पर आई0एस0आई0/बी0आई0एस0 तथा आई0एस0ओ0 9000 प्रमाण पत्र प्राप्त ईकाईयों को आदेश प्रदाय करने में प्राथमिकता दी जावेगी।

6) छ.ग.राज्य के जी.एस.टी. विभाग मे निविदाकर्ता फर्म का पंजीयन होना चाहिए। निविदाकर्ता की ओर से निविदा में भाग लेने हेतु अधिकृत प्रतिनिधि का राज्य के जीएसटी विभाग में पंजीयन होना अनिवार्य है तथा पंजोयन प्रमाणपत्र की प्रति संलग्न किया जावे।

7) अधिकृत विक्रेता द्वारा निर्माता फर्म का निविदा हेतु विभाग के नाम से प्राधिकार प्रस्तुत करना अनिवार्य है, साथ ही मूल सामग्री का सुरक्षा से संबंधित निर्माता फर्म का उद्योग आधार व एन.एस.आई.सी. द्वारा जारी पंजीयन प्रमाणपत्र, जिसमे निविदा की सामग्री का स्पष्ट उल्लेख हो, अधिकृत विक्रेता द्वारा प्रस्तुत करने पर उनको प्राथमिकता दी जायेगी।

8) निविदाकर्ता का (संबंधित फर्म का) छत्तीसगढ़ राज्य में सर्विस सेंटर होना आवश्यक है। सर्विस सेंटर से संबंधित समस्त वांछनीय दस्तावेज जमा करना अनिवार्य है ।

9) प्रत्येक निविदाकर्ता को फर्म का आयकर एवं जी.एस.टी. कर समाशोधन प्रमाणपत्र जिसमे यह प्रमाणित हो कि फर्म का देय कर अदा कर दिया गया है, संलग्न किया जावे।

10) उचित गुणवत्ता की वस्तु का चयन किया जा सके, अतः वस्तु के निर्माण के समय निर्माण स्थल में निरीक्षण करने का अधिकार क्रय अधिकारी को होगा।

11) प्रदाय आदेश (वर्क ऑर्डर) जारी होने के 90 दिवस के भीतर, निर्धारित तकनीकी मापदण्डों के अनुसार, सामग्री प्रदाय करने की जिम्मेदारो प्रदायकर्ता फर्म की होगी।

12) निविदा पत्र (दर प्रस्ताव) में दरों का उल्लेख करते समय समस्त करों का स्पष्ट उल्लेख किया जाना होगा। जिन फर्म/उपक्रम के दर प्रस्ताव में करों का स्पष्ट उल्लेख नहीं होगा, उसके विषय में यह मान लिया जावेगा, कि समस्त कर उस दर में सम्मिलित है, और बाद में किसी प्रकार का टैक्स/कर का भुगतान नही किया जावेगा ।

13) निविदाकर्ता को विगत 03 वर्ष वित्तीय वर्ष 2019–20, 2020–21 एवं 2021–22 का आयकर रिटर्न तथा वित्तीय वर्ष 2020–21 (एक वर्ष) की जी.एस.टी. रिटर्न की स्व–सत्यापित प्रति प्रस्तुत करना अनिवार्य होगा। साथ ही ऑडिट बैलेंस शीट फर्म की बैंकर्स रिपोर्ट (जो बैंक द्वारा दी जायेगी) जमा करना अनिवार्य है।

14) फर्म की वित्तीय स्थिति सुदृढ़ हो, इस हेतु क्रय की जाने वाली सामग्री व उपकरण के आधार पर फर्म का पिछले पॉच वर्षों में से **तीन वर्षो का टर्न ओवर टैक्स सहित 06.00 करोड़ होना अनिवार्य है ।** निविदा हेतु यह प्रमाण पत्र पंजीकृत चार्टर्ड एकाउण्टेंट द्वारा हस्ताक्षरित (सील सहित जारी किया हुआ) विभाग के नाम पर प्रस्तुत करना होगा।

15) निविदाकर्ता के विरूद्ध किसी भी न्यायालय में कोई दीवानी/फौजदारो/दीवालिया संबंधी प्रकरण लंबित ना हो एवं फर्म किसी संस्थान/शासन/शासकीय ईकाई द्वारा ब्लैक लिस्टेड ना हो साथ ही इस टेण्डर में उल्लेखित उपकरणों के मामले में किसी निविदाकार द्वारा पूर्व में प्रदाय किसी उत्पाद के मानक अथवा तकनीकी गुणवत्ता के संबंध में कोई विवाद या जॉच की कार्यवाही प्रचलित ना हो। ऐसी स्थिति यदि टेण्डर अथवा अनुबंध निष्पादित होने पश्चात उत्पन्न होती है तो अनुबंध निरस्त करने अथवा उचित कार्यवाही का अधिकार विमानन संचालनालय छ0ग0 शासन के पास होगा। अतः प्रत्येक निविदाकर्ता को फर्म व स्वयं के विरूद्ध न्यायालय में प्रकरण लंबित ना होने, फर्म के ब्लैक लिस्टेड ना होने संबंधी गैर सिद्धदोष का नोटरी द्वारा सत्यापित शपथ पत्र तथा विवाद/जॉच प्रकरण नहीं होने अथवा निबटारे का प्रमाण दिया जाना अनिवार्य है ।

16) निविदाकर्ता को FERA / FEMA के संबध में निम्न आशय का प्रमाण पत्र प्रस्तुत करना अनिवार्य होगा :–

प्रमाण पत्र

प्रमाणित किया जाता है कि फर्म द्वारा इम्पोर्ट/एक्सपोर्ट की प्रक्रिया में केन्द्र/राज्य शासन के इससे संबंधित नियम का उल्लंघन नही किया गया है।

स्थान :
दिनांक :

निविदाकर्ता के हस्ताक्षर
नाम तथा पदनाम
कंपनी की मुहर

17) निविदा प्रस्ताव के साथ अनुलग्नक **''द''** अनुसार इंटिग्रिटी पैक्ट 100 के नॉन ज्यूडीशियल स्टॉम्प में हस्ताक्षरित कर संलग्न किया जावे।

18) निविदा स्वीकार होने की स्थिति में रू0 100/– नॉन ज्यूडीशियल स्टॉम्प पत्र में अनुबंध पत्र हस्ताक्षरित करना होगा । करारनामा जमा करने पश्चात ही प्रदाय आदेश (वर्क ऑर्डर) जारी किया जायेगा । अनुबंध पत्र का प्रारूप अनुलग्नक **''ग''** में संलग्न है।

19) निविदाकर्ताओं से यदि पृथक–पृथक सामग्रियों/उपकरणों हेतु पृथक–पृथक न्यूनतम दर प्रस्ताव प्राप्त होते हैं तो ऐसी दशा में वह निविदाकर्ता जिससे अधिकतम सामग्री/उपकरण हेतु न्यूनतम दर प्राप्त हुआ है से अन्य सामग्री/उपकरणों के उच्च दर हेतु निगोसियेशन की कार्यवाही की जावेगी। किन्तु निगोसियेशन उपरांत यदि उस सामग्री हेतु अन्य किसी निविदकर्ता से प्राप्त न्यूनतम दर अनुसार स्वीकृति नहीं बन पाने की दशा में एक से अधिक निविदाकर्ता से क्रय अनुबंध किया जा सकेगा। यह पूर्ण अधिकार संचालक विमानान के पास सुरक्षित होगा।

20) इस कार्यालय द्वारा जारी कार्यादेश अनुबंध की तिथि से एक वर्ष के लिए प्रभावशील रहेगा। दोनो पक्षो की सहमति से संचालक, विमानन संचालनालय, महानदी भवन नवा रायपुर द्वारा अनुबंध की अवधि को आगामी 01 वर्ष तक के लिए बढाया जा सकेगा।

21) सामग्री की डिलीवरी तथा स्थापना संबंधित एयरपोर्ट में करना होगा। क्रय की जा रही सामग्री FOR तक पहुंचाने हेतु कोई अतिरिक्त परिवहन/लॉजिस्टिक भाड़ा भत्ता देय नही होगा।

22) सामग्री प्रदाय आदेश जारी दिनांक से लेकर आदेशकर्ता द्वारा पूर्ति स्वीकार करने तक सामग्री की सुरक्षा का सारा जोखिम/जिम्मेदारी प्रदायकर्ता का होगा।

23) अनुबंध अवधि में वस्तुओं का क्रय निर्धारित मात्रा से कम या अधिक मात्रा में शासन की आवश्यकता अनुसार किया जा सकता है । किन्तु अनुबंध पश्चात सामग्री प्रदायकर्ता के द्वारा आकस्मिक रूप से दर वृद्धि का कोई भी प्रस्ताव अमान्य होगा।। प्रदाय की गई सामग्री में पैकिंग सामग्री का वजन एवं मूल्य सम्मिलित नही किया जावेगा ।

24) प्रदत्त सामग्री का विभाग द्वारा निर्धारित प्रक्रिया के अनुसार निरीक्षण किया जावेगा। निर्धारित मापदण्ड/स्पेसीफिकेशन (बीसीएएस अभिप्रमाणित) के अनुसार सही व उत्तम गुणवत्ता की सामग्री प्राप्त होने पर ही सामग्री स्कंध में ली जावेगी। सामग्री स्वीकार न होने की स्थिति में निविदाकर्ता को अपने व्यय पर संपूर्ण सामग्री वापस ले जानी होगी। इसके लिये कोई पत्राचार नही किया जायेगा और न ही विभाग की कोई जवाबदारी होगी । साथ ही विजेता कंपनी को सभी उपकरण की स्थापना, पर्यवेक्षण और संचालन हेतु स्टॉफ को प्रशिक्षण देना अनिवार्य है। सपूर्ण प्रशिक्षण की वीडियो रिकार्डिंग अनिवार्य होगी साथ ही प्रशिक्षण के लिए वीडियों सामग्री भी उपलब्ध कराने होंगे।

25) विभाग द्वारा क्रय की गई सामग्री की मूल निर्माता अनुसार दी जाने वाली/अन्यथा 01 वर्ष की गारंटी तथा वारंटी होगी।

26) प्रदाय की जाने वाली सामग्रियों/उपकरणों हेतु दर प्रस्ताव में 05 वर्ष के लिये वार्षिक अनुरक्षण प्रस्ताव भी शामिल होगा। जिसमें गारंटी/वारंटी पीरियड में उपकरण में खराबी आने पर नवीन उपकरण उपलब्ध कराना होगा। गारंटी/वारंटी अवधि के बाद आगामी 01 वर्ष हेतु उपकरण के खराब स्पेयर पार्ट सहित मरम्मत की जिम्मेदारी सामग्री प्रदायकर्ता की होगी। उसके बाद आगामी 03 वर्ष हेतु क्रय के कुल पांच वर्षो तक स्पेयर पार्ट की जिम्मेदारी विमानन संचालनालय/शासन की होगी तथा मरम्मत की जिम्मेदारी सामग्री प्रदायकर्ता की होगी। क्रय किये गये उपकरण के खराब होने की स्थिति में लागू किये जा रहे नियम के अर्न्तगत सम्बधित स्पेयर/मरम्मत के व्यय की जिम्मेदारी उपकरण खराब हाने की तिथि से उपकरण के मरम्मत/निराकरण होने तक तक लागू रहेगी।

27) छत्तीसगढ शासन के भण्डार क्रय नियम 2002 (यथा संशोधित 2022) के समस्त नियमो का पालन किया जाना अनिवार्य होगा।

28) क्रय आदेश की शर्तो का पालन न होने की दशा में EMD की जमा राशि राजसात कर फर्म को ब्लैक लिस्ट करने की कार्यवाही की जा सकती है।

29) संचालक (विमानन) विमानन संचालनालय, रायपुर को यह सम्पूर्ण अधिकार होगा कि वह लोकहित में कोई कारण बताए बिना निविदा के किसी भी भाग को या सम्पूर्ण निविदा को अस्वीकार अथवा निरस्त अथवा परिवर्तित कर सकते हैं । इसके विरूद्ध कोई भी अपील मान्य नही होगी।

30) एयरपोर्ट में सामग्री प्रदाय कर इंस्टॉलेशन व संबंधितों को प्रशिक्षण प्रदान करने पश्चात् कार्यपूर्णता प्रमाण पत्र जमा किये जाने पर भुगतान की कार्यवाही की जावेगी।

31) टेण्डर की शर्तों में किसी प्रकार के स्पष्टीकरण हेतु उप संचालक– श्री आर0एम0 डॉमनिक मो0 नं0 **9131444130** से चर्चा की जा सकती है।

32) टेण्डर की शर्तों में किसी प्रकार के परिवर्तन की दशा में संशोधन संबंधी सूचना यथा समय समाचार पत्रों व शासकीय वेब साईट में जारी की जायेंगी तद्नुसार टेण्डर प्राप्ति की अंतिम तिथि में विस्तार किया जा सकता है।

33) किसी प्रकार के वाद–विवाद की स्थिति में न्यायालयीन क्षेत्राधिकार रायपुर/बिलासपुर उच्च न्यायालय होगा।

हस्ता/–
संचालक
विमानन संचालनालय
नवा रायपुर (छ0ग0)

अनुलग्नक – अ

तकनीकी प्रस्ताव संग संलग्न करने वाला चेक लिस्ट व अनुदेश

क्र0	संलग्नक	संलग्न		रिमार्क
		हॉ	नही	
1	निविदा में शामिल होने वाले मूल निर्माता/निविदाकर्ता के पास पूर्व में समान सुरक्षा उपकरण सामग्री के कार्य अनुभव का प्रमाण (निविदा की शर्तें के कंडिका क्र. I के अनुसार)			
2	टेण्डर फीस राशि रूपये 2000/- का डिमांड ड्राफ्ट			
3	लिफाफा क. 01 में "EMD" अमानत राशि अंकित करते हुए EMD (Earnest Money Deposit) राशि रू. 6,50,000/– 1. Director Aviation, Raipur के नाम से भुगतान योग्य डिमांड ड्राफ्ट या 2. रायपुर बैंक शाखा में भुगतान योग्य Irrevocable Bank Guaranty या 3. FDR/TDR			
4	निविदा शर्त की स्वीकारोक्ति हेतु अनुलग्नक **''स''** के प्रारूप में प्रमाण पत्र			
5	क्रय आदेश प्राप्त होने पर कुल क्रय कीमत की 3% राशि सुरक्षानिधि के रूप में जमा करने की सहमति			
6	आई0एस0आई0/बी0आई0एस0 तथा आई0एस0ओ0 9000 प्रमाण पत्र प्राप्त ईकाई यदि हो			
7	उत्पादनकर्ता द्वारा निविदा प्रस्तुत करने की दशा में डी0जी0एस0एण्डडी0/ एन0एस0आई0सी0/ जिला व्यापार उद्योग केन्द्र अथवा छ0ग0राज्य औद्यौगिक विकास निगम रायपुर द्वारा जारी पंजीयन प्रमाण पत्र			
8	छ.ग. राज्य में जीवित जीएसटी पंजीयन प्रमाण पत्र एवं उस पंजीयन प्रमाणपत्र मे, निविदा की सामग्री का स्पष्ट उल्लेख			
9	निविदाकर्त्ता की ओर से निविदा मे भाग लेने हेतु अधिकृत प्रतिनिधि का राज्य के जीएसटी विभाग मे पंजीयन			
10	अधिकृत विक्रेता/एजेंट द्वारा निविदा प्रस्तुत किये जाने की दशा मे उत्पादनकर्ता द्वारा जारी Authorization/ Undertaking साथ ही मूल सामग्री का आपदा से संबंधित निर्माता फर्म का उद्योग आधार व एन.एस.आई.सी. द्वारा जारी पंजीयन प्रमाणपत्र, निविदा की सामग्री के स्पष्ट उल्लेख सहित			
11	छत्तीसगढ़ राज्य में सर्विस सेंटर से संबंधित समस्त वांछनीय दस्तावेज			
12	विगत 03 वर्ष वित्तीय वर्ष 2019–20, 2020–21 एवं 2021–22, का आयकर रिटर्न व फर्म का कर समाशोधन प्रमाणपत्र			
13	वित्तीय वर्ष 2020–21 (एक वर्ष) की छ0 ग0 जी.एस.टी. रिर्टन की स्व–सत्यापित प्रति			
14	फर्म की ऑडिट बैलेंस शीट, बैंकर्स रिपोर्ट (बैंक द्वारा जारी)			
15	टेन नंबर प्रमाण पत्र			
16	पैन नम्बर प्रमाण पत्र			
17	चार्टर्ड एकाउटेंट के सील व हस्ताक्षर सहित फर्म के तीन वर्षो का टैक्स सहित टर्न ओवर ₹ 06.00 करोड़ संबंधी प्रमाण पत्र			
18	निविदाकार फर्म के खिलाफ न्यायालय में किसी दीवानी/फौजदारी/दीवालिया/जाँच प्रकरण के लंबित नही होने का नोटरी द्वारा सत्यापित शपथ पत्र/प्रमाण–पत्र			
19	फर्म की ब्लेक लिस्टेड ना होने संबंधी गैर–सिद्धदोष प्रमाण पत्र			
20	FERA / FEMA के संबध में निर्धारित प्रारूप में प्रमाण पत्र			
21	100 रूपये के नॉन ज्यूडीशियल स्टॉम्प में इंटिग्रिटी पैक्ट।			
22	प्रस्तावित सामग्री/उपकरण/सुरक्षा उपकरण बीसीएएस मानक अनुरूप है संबंधी प्रमाण–पत्र			
23	01 वर्ष की गारंटी/वारंटी पर सहमति तकनीकि प्रस्ताव क्रमांक 26 के अनुसार			
24	05 वर्ष के वार्षिक अनुरक्षण प्रस्ताव पर सहमति तकनीकी प्रस्ताव क्रमांक 26 के अनुसार			

निविदाकर्ता के हस्ताक्षर
नाम तथा पदनाम
कंपनी की मुहर

वित्तीय/दर प्रस्ताव (अनुबंध अवधि तक के लिये मान्य)
सामग्री का नाम एवं मात्रा

कं.	सामग्री/उपकरण का नाम	प्रति ईकाई दर प्रस्ताव	कर	प्रति इकाई कुल दर/कीमत (3+4)	रिमार्क
1	**2**	**3**	**4**	**5**	
1	Door Frame Metal Detector				
2	Hand Held Metal Detector				
3	X-ray Machine for registered baggage				
4	Explosive Trace Detector				

टीप– कृपया दर प्रस्ताव में भुगतान योग्य कर की दर का स्पष्ट उल्लेख किया जावे

- ट्रांसपोर्टेशन व लॉजिस्टिक चार्ज पृथक से देय नहीं होंगे।
- एयरपोर्ट हेतु ब्यूरो ऑफ सिविल एविएशन सिक्योरिटी के तय मानक अनुसार उपकरणों के संबंध में संलग्नक **''क''** का अवलोकन करें।

निविदाकर्ता के हस्ताक्षर
नाम तथा पदनाम
कंपनी की मुहर

अनुलग्नक – स

प्रमाण पत्र

प्रमाणित किया जाता है कि छत्तीसगढ़ राज्य विमानन संचालनालय द्वारा जारी टेंडर क्रमांक .....दिनांक..... के निबंधन एवं शर्ते (जिनमें बिना किसी भी प्रकार के परिवर्तन के विशिष्ट निर्देश और विनिर्देशन, जो भी हो शामिल है) की संपूर्ण पुष्टि के अनुक्रम में यह दर प्रस्ताव (Rate Quotation) संलग्न किया गया हैं

स्थान :
दिनांक :

निविदाकर्ता के हस्ताक्षर
नाम तथा पदनाम
कंपनी की मुहर

PRE-CONTRACT INTEGRITY PACT

1. GENERAL

1.1. This pre-bid contract Agreement (herein after called the Integrity Pact) is made on……day of the month ..….20….., between, the Government of Chhattisgarh acting through Shri ---------- ---------- (Designation of the officer, Department) Government of Chhattisgarh (herein called the "BUYER" which expression shall mean and include, unless the context otherwise requires, his successors in the office and assigns)and the First Party, proposes to procure (Name of the Stores/Equipment/Work/Service) and M/s …..…….. represented by Shri ……Chief Executive Officer (herein after called the "BIDDER/Seller", which expression shall mean and include, unless the context otherwise requires, hid successors an permitted assigns) and the Second Party, is willing to offer/has offered.

1.2. WHEREAS the BIDDER is a Private Company/Public Company/Government Undertaking/Partnership/Registered Export Agency, constituted in accordance with the relevant law in the matter and the BUYER is a Ministry/Department of the Government, performing its function on behalf of the Government of Chhattisgarh.

2. OBJECTIVES

NOW, THEREFORE, the BUYER and the BIDDER agree to enter into this pre-contract agreement, herein after referred to as Integrity Pact, to avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings prior to, during and subsequent to the Contract to be entered into with a view to:-

2.1 Enabling the BUYER to obtain the desired Stores/Equipment/Work/Service at a Competitive price in conformity with the defined specification by avoiding the high cost and the distortionary impact of corruption on public procurement, and

2.2 Enabling BIDDER to abstain from bribing or indulging in any corrupt practices in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing any corrupt practices and the BUYER will commit to prevent corruption, in any from, by its official by following transparent procedures.

3. COMMITMENTS OF THE BUYER

The BUYER commits itself to the following :-

3.1 The BUYER undertakes that no official of the BUYER, connected directly of indirectly with the contract, will demand, take promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the BIDDER, either for themselves or for any person, organization or third Party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the contract.

3.2 The BUYER will, during the pre-contract stage, treat BIDDERs alike, and will provide to all BIDDERs the same information and will not provide any such information to any particular BIDDER which could afford an advantage to that particular BIDDER in comparison to the other BIDDERs.

3.3 All the official of the BUYER will report the appropriate Government office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.

In case any such preceding misconduct on the part of such official (s) is reported by the BIDDER to the BUYER with the full and verifiable facts and the same prima facie found to be correct by the BUYER, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the BUYER and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the BUYER the proceedings under the contract would not be stalled.

4. COMMITMENTS OF BIDDERS

The BIDDER commits itself to take all measures necessary to prevent corrupt practices unfair means an illegal activities during any stage of its bid or during any pre-contract or post-contract in order to secure the contract or in furtherance to secure it and in particular commit itself to the following :-

4.1 The BIDER will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER, connected directly or indirectly with the bidding process, or to any person, organization or third in party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the contract.

4.2 The BIDDER further undertakes that it has not given, offered or premised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material of immaterial benefit or other advantage, commission, fees, brokerage, or inducement to any official of the BUYER or otherwise in procuring the Contract of forbearing to do or having done any act in relation to the obtaining or execution of the contract or any other contract with the Government for showing forbearing to show favor or disfavour to any person in relation to the contract or any other contract with the Government.

4.3 The BIDDER further confirms and declares to the BUYER that the BIDDER in the original Manufacture/Integrator/Authorized Government Sponsored export entity of the stores and has not engaged any individual or firms or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the BUYER or any of its functionaries, whether officially or unofficially to the award of the contract to the BIDDER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.

4.4 The BIDDER, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payment he has made, is committed to or intends to make to officials of the BUYER or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payment.

4.5 The BIDDER will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.

4.6 The BIDDER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.

4.7 The BIDDER shall not use improperly, for purpose of competition or personal gain, or pass on to others, any information provided by the BUYER as part of the business relationship, regarding plans, technical proposal and business details, including information contained in any electronic data carrier. The BIDDER also undertakes to exercise due and adequate care lest any such information is divulged.

4.8 The BIDDER commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.

4.9 The BIDDER shall not instigate or cause to instigate any third person to commit any of the acts mentioned above.

5. PREVIOUS TRANSGRESSION

5.1 The BIDDER declares that no previous transgression occurred in the last three years immediately before signing of this integrity Pact with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India that could justify BIDDER's exclusion from the tender process.

5.2 If the BIDDER makes incorrect statement on this subject, BIDDER can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

6 . EARNEST MONEY (SECURITY DEPOSIT)

6.1 Every BIDDER while submitting commercial bid, shall deposit an amount as specified in RFP as Earnest Money/Security Deposit, with the BUYER through any of the following instruments:

(i) Bank Draft or a Pay Order in favour of …….

(ii) A confirmed guarantee by an Indian Nationalised Bank, promising payment of the guaranteed sum of the ……(BUYER)…….on demand within three working days without any demur whatsoever and without seeking any reasons whatsoever. The demand for payment by the BUYER shall be treated as conclusive proof of payment.

(iii) Any other mode or through any other instrument (to be specified in the RFP).

6.2 The Earnest Money/Security deposit shall be valid upto a period of five years or the complete conclusion of the contractual obligations to the complete satisfaction of both the BIDDER and BUYER, including warranty period, whichever is later.

6.3 In the case of successful BIDDER a clause would also be incorporated is the Article pertaining to Performance Bond in the Purchase contract that the provision of sanctions for violation shall be applicable for forfeiture of performance bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this pact.

6.4 No interest shall be payable by the BUYER to the BIDDER on Earnest Money/Security deposit for the period of its currency.

7. SANCTIONS FOR VIOLATIONS

7.1 Any breach of the aforesaid provisions by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER) shall entitle the BUYER to take all or any one of the following actions, wherever required :-

(i) To immediately call of the pre contract negotiations without assigning any reason or giving any compensation to the BIDDER. However, the proceeding with the other BIDDER (s) would continue.

(ii) To forfeit fully or partially the Earnest Money Deposit (in pre-contract stage) and/or security Deposit/Performance Bond (after the contract is signed), as decided by the BUYER and the BUYER shall not be required to assign any reason therefore.

(iii) To immediately cancel the contract, if already signed, without giving any compensation to the BIDDER.

(iv) To recover all sums already paid by the BUYER, and in case of the Indian BIDDER with interest thereon at 2% higher than the prevailing Prime Lending Rate while in case of a BIDDER from a country other than India with Interest thereon at 2% higher than the LIBOR. IF any outstanding payment is due to BIDDER from the BUYER in connection with any other contract such outstanding payment could also be utilized to recover the aforesaid sum and interest.

(v) To encash the advance bank guarantee and performance bond/warranty bond, if furnished by the BIDDER, in order to recover the payments, already made by the BUYER, along with interest.

(vi) To cancel all or any other contracts with the BIDDER and the BIDDER shall be liable to pay compensation for any loss or damage to the BUYER resulting from such cancellation/rescission and the BUYER shall be entitled to deduct the amount so payable from the money (s) due to the BIDDER.

(vii) To debar the BIDDER from participating in future bidding processes of the Government of Chhattisgarh for a minimum period of five years, which may be further extended at the discretion of the BUYER.

(viii) To recover all sums paid in violation of this pact by BIDDER (s) to any middlemen or agent or broken with a view to securing the contract.

(ix) In case where irrevocable Letters of credit have been received in respect of any contract signed by the BUYER with the BIDDER, the same shall not be opened.

(x) If the BIDDER or any employee of the BIDDER or any persion acting on behalf of the BIDDER, either directly or indirectly, is closely related to any of the officers of the BUYER, or alternatively, if any close relative of an officer of the BUYER has financial interest/stake in the BIDDER's firm, the same shall be disclosed by the BIDDER at the time of filling of tender, any failure to disclose the interest involved shall entitle the BUYER to rescind the contract without payment of any compensation to the BIDDER.

The term 'close relative' for this purpose would mean spouse whether residing with the Government servant or not, but not include a spouse separated from the Government servant by a decree or order of a competent court; son or daughter or step son or step daughter and wholly dependent upon Government servant, but does not include a child or step child who is no longer in any way dependent upon the Government servant or of whose custody the Government servant has been deprived of by or under any law; any other person related, whether by blood or marriage, to the Government servant or to the Government servant's wife or husband and wholly dependant upon Government servant.

(xi) The Bidder shall not lend to or borrow any money from or enter into any monetary dealing or transactions, directly or indirectly, with any employee of the BUYER, and if he does so, the BUYER shall be entitled forthwith to rescind the contract and all other contracts with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to the BUYER resulting from such rescission and the BUYER shall be entitled to deduct the amount so payable from the money (s) due to the BIDDER.

7.2 The decision of the BUYER to the effect that a breach of the provisions of this pact has been committed by the BIDDER shall be final and conclusive on the BIDDER. However, the BIDDER can approach the Monitor (s) appointed for the purpose of this pact.

8. FALL CLAUSE

8.1 The BIDDER undertakes that if has not supplied /is not supplying similar product/systems or subsystems at a price lower than that offered in the present bid in respect of any other Department of the Government of Chhattisgarh or PSU and if it is found at any stage that similar product/systems or sub systems was supplied by the BIDDER to any other Department of the Government of Chhattisgarh or a PSU at a lower price, then that very price, with due allowance for elapsed time, will be applicable to the present case and the different in the cost would be refunded by the BIDDER to the BUYER, if the contract has already been concluded.

9. INDEPENDENT MONITORS

9.1 The BUYER will appoint Independent Monitors (hereinafter referred to as Monitors) for this pact.

9.2 The task of the Monitors shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this pact.

9.3 The Monitors shall not be subject to instructions by the representatives of the parties and perform their functions neutrally and independently.

9.4 Both the parties accept that the Monitors have the right to access all the documents relating to the project/procurement, including minutes of meetings, The Monitor shall be under contractual obligation to treat the information and documents of the BIDDER/Subcontractor (s) with confidentiality.

9.5 As soon as the monitor notices, or has reason to believe, a violation of this pact, he will so inform the Authority designated by the BUYER.

9.6 The Monitor will submit a written report to the designated Authority of BUYER/Secretary in the Department/within 8 to 10 weeks from the date of reference or intimation to him by the BUYER /BIDDER and, should the occasion arise, submit proposals for correcting problematic situations.

10. FACILITATION OF INVESTIGATION

In case of any allegation of violation of any provisions of this pact or payment of commission, the BUYER or its agencies shall be entitled to examine all the documents including the Books of accounts of the BIDDER and the BIDDER shall provide necessary information of the relevant document and shall extend all possible help for the purpose of such examination.

11. LAW AND PLACE OF JURISDICTION

This pact is subject to Indian Law, the place of performance and jurisdiction shall be the seat of the BUYER.

12. OTHER LEGAL ACTIONS

The actions stipulated in this integrity pact are without prejudice to any other legal action that may follow in accordance with the provisions of the any other law in force relating to any civil or criminal proceedings.

13. VALIDITY

13.1 The validity of this Integrity Pact shall be from the date of its signing and extend up to 5 years of the complete execution of the contract to this satisfaction of both the BUYER and the BIDDER/Seller whichever is later. In case BIDDER is unsuccessful, this Integrity Pact shall expire after six months from the date of the signing of the contract.

13.2 If one or several provisions of this pact turn out to be invalid; the remainder of this pact shall remain valid. In such case, the parties will strive to come to an agreement to their original intentions.

14. The parties hereby sign this Integrity Pact at …….on……..

BUYER BIDDER

Name of the officer
Designation
Department/PSU

CHIEF EXECUTIVE OFFICER

Witness	Witness
1)……	1)……
……	……
2)……	2)……
……	……

अनुलग्नक 'क'

Government of India
Ministry of Civil Aviation
Bureau of Civil Aviation Security
'A' Wing –I, II, III, Janpath Bhawan, Janpath,
New Delhi-110 001

No. CAS-100/07/2017-Tech.Div/Order/Circular/Addendum/Corrigendum Dated: 04th Aug, 2017

CIRCULAR NO. 11/2017

Sub: **Minimum Standards for Civil Aviation Security Equipment.**

In order to prevent weapons, explosives or any other dangerous devices, articles or substances, which may be used to commit an act of unlawful interference, the carriage or bearing of which is not authorized, from being introduced, by any means whatsoever in the restricted areas of an airport and on board an aircraft engaged in civil aviation and in view of the advancement of technology, the minimum Standards/ Specifications, with regard to the X-Ray Baggage Inspection System used for screening of hand baggage, hold baggage, cargo and mail and other such items which are required to be screened before being allowed for carriage in the restricted areas of the airport through stand-alone X-ray Baggage Inspection System (BIS) and Inline CT-EDS Baggage Screening System at the airports in India have been revised and prescribed as per the following appendices, for the said Security Equipment:

(i) X-ray Baggage Inspection System (BIS)	Appendix – A
(ii) In-line CT-EDS	Appendix - B

2. This Circular supersedes Appendix-E and Appendix-F of AVSEC Circular No 25/2004 issued on 27.12.2004 including all previous Corrigendum, addendum etc. relating to the above two appendices.

3. The specifications prescribed in this Circular shall be implemented by all concerned with immediate effect for all future procurements. No X-ray screening equipment for the purpose mentioned in this AVSEC Circular shall be allowed at the airports from the date of issue of this circular, in India unless the said screening equipment meet the minimum specifications prescribed as per the above appendices of this AVSEC Circular .

4. BCAS officers while undertaking quality control oversight at the airports in India shall ensure implementation of instructions on the subject.

K.R.Chandra 4.8.17
(Kumar Rajesh Chandra)
Director General

Distribution
as per list attached.

Appendix 'A'

BUREAU OF CIVIL AVIATION SECURITY
SPECIFICATIONS FOR X-RAY BAGGAGE INSPECTION SYSTEM

1. Each XBIS shall be equipped with two individual independent X-Ray generators with dual view image.
2. All machines should operate on 230V AC 50 Hz power supply and should be able to withstand voltage fluctuations in the range of 170V to 260 V and frequency fluctuations +/- 5%
3. Tunnel size of the machine should conform to the purpose for which the machine is used.
4. Penetration should be of 30 MM thickness of steel or more.
5. Resolution: The machine should be able to display single un-insulated tinned copper wire of 40 SWG.
6. The system should be able to produce clear images on colour monitor(s) with minimum of 1280 X 1024 pixels (Full High Definition)
7. Zoom facility should be available to magnify the chosen area of an image sixteen times (16x) or more. Image features shall be keyboard controllable.
8. The machine should be film/ food safe. In other words photographic films must not be damaged due to X-ray examination.
9. The machine should have features of multi energy X-Ray imaging facility where materials of different atomic number will be displayed in different colours to distinguish between organic/inorganic materials. With this method it should be possible to distinguish high-density organic materials including explosives. Machine should have variable colour or material stripping to facilitate the operator to monitor images of organic materials for closer scrutiny. All suspicious items (Explosives, High density material, narcotics) should be displayed in one mode and that should be on line.
10. The radiation level should not exceed accepted health standard (0.1 m R/hr.) at a distance of 5 cm from external housing.
11. Lead impregnated safety screens should be available at either ends of the tunnel. Idle rollers to be provided at either ends of the tunnel to facilitate placing of baggage at the input and output points.
12. The X-ray beam divergence should be such that the complete image of maximum size of bag is displayed without corner cuts.
13. Facility for variable contrast must be incorporated to allow enhancement of lighter and darker portion of the image.
14. If the machine fails to penetrate a particular item, then an alarm (visual and audio both) should be generated to notify the operator.
15. The threat image projection (TIP) system software to be incorporated in all X-BIS operation as per details given in **Annexure - 1.**

16. Control desk with security housing and locking provision should be available wherever required. The Operator personal identification number can be entered through keyboards.
17. Facility of image enhancement should be available.
18. Conveyor belt speed should be between 0.18 and 0.3 mtrs per second for X-ray baggage inspection system for hand and registered baggage. Lesser speed is acceptable for cargo screening. For cargo machine input and output roller should be motor driven enabling easy handling of the heavy cargo.
19. All software features of machine should be activated and password protected.
20. In case of defective diode array(s), scanning should be disabled and error message should be displayed on the screen.
21. System should work on one software only. All software features should be controlled from key board/ mouse/ touch screen of machine only. Control functions should be user friendly. To enable / disable the software features, system should not be rebooted.
22. All models should have online recording facility and images can be recorded in USB/Electronic storage devices. The recording should be retained for minimum 14 days.
23. All models should have software controlled diagnosis report facility and should include following information

    i. XBIS Make/ Model/ Sr. No.
    ii. Software/ Firmware/Algorithm Version Number
    iii. Status/Values of major Power Supply Voltages
    iv. Generator Voltage (X-Ray ON/X-Ray OFF)
    v. Generator Anode Current (X-Ray ON/X-Ray OFF)
    vi. Generator Heater Current (X-Ray ON/X-Ray OFF)
    vii. Diode Array (Raw/Calibrated) Response (X-Ray ON/X-Ray OFF)
    viii. Grand total number of Bags scanned
    ix. XBIS fault Log
    x. XBIS Photoelectric Light Barrier (Tunnel Entry/Exit) Status
    xi. Emergency switches status

24. The operating temperature should be 0^0 C to 40^0 C and storage temperature – 20^0C to 50^0C.
25. Anti-rodent and dust proof cover must be provided.
26. The company manufacturing the equipment should have ISO certification for manufacturing and servicing of X-Ray screening machines.
27. The machine should be so designed that software enhancement can be easily implemented to take care of new technique in image processing and pattern recognition.
28. Through put shall be minimum 400 bags per hour for hand and checked baggage and 200 bags per hour for cargo machines.

29. **SAFETY:** The machine must comply with requirements of health and safety regulations with regard to mechanical, electrical and radiation hazards. Before installation of the machine, the supplier / manufacturers should furnish NOC from Atomic Energy Regulatory Board of India regarding radiation safety after every five years.

30. Operator manual shall be provided with each machine in both Hard and Soft modes.

31. Machine should be capable of recalling 15 - 20 previous images. A rejected bag image shall be transmitted to an additional monitor erected at the physical check point to facilitate the screener and also increase through put.

32. **COMBINED TEST PIECE (CTP):** The manufacturer shall provide one set of CTP per machine for checking serviceability of the machine by the operator. The details of CTP are given below: -

1. **SINGLE WIRE RESOLUTION (TEST NO.1)**

1.1 The requirement is to display 40 SWG wire not covered by step wedge. A tick will indicate the visibility of appropriate wire. A set of un-insulated tinned copper wire of size 26, 30, 35, 38, 40 and 42 SWG is placed on a Perspex sheet. The wires are laid out in S shaped curves. The wires are placed behind varying thickness of aluminum. Metallic marker should be provided using high-density material, so that SWG numbers in the VDU are clearly visible.

2. **USEFUL PENETRATION (TEST NO. 2)**

2.1 The test defines what level of details can be seen behind a thickness of known material. The CTP has different gauges of wire behind varying thickness of aluminum. The requirement for this test is that the 30 SWG wire is seen under second step wedge (5/16"). Tick on log sheet will indicate what wires are visible.

3. **MATERIAL DISCRIMINATION (TEST No.3)**

3.1 The requirement is that different colours be allocated to the sample of organic and inorganic substances. With multi energy X-Ray it should be possible to distinguish between materials of different average atomic number. This means that organic and inorganic substances can be differentiated. The use of sugar and salt samples encapsulated on the test piece and various materials used in the construction of CTP will check the material discrimination facility. A tick will indicate that the sugar / salt samples are shown in different colour.

4. **SIMPLE PENETRATION (TEST No.4)**

4.1. The requirement is that the lead be visible beneath 30 mm of steel. This test defines what thickness of steel the machine should be able to penetrate. The steel step wedge on the CTP has steps of 2 mm from 16 mm to 30 mm with a lead strip to check that the machine is above or below the requirement. A tick in log sheet will indicate where a lead strip is visible.

5. **SPATIAL RESOLUTION (TEST No. 5)**

5.1 The requirement is that vertical and horizontal grating to be seen. This test defines the ability of the system to distinguish and display objects, which are close together. The CTP has 16 copper gratings at right angles to each other. A tick in the log sheet will indicate that gaps in the gratings are visible.

6. THIN METAL IMAGING: (Test No 6).

6.1 The requirement is to view image of steel 0.1mm thick. This tests the machine's ability to image thin metal. A number of thin metals strips of various thicknesses are placed in a row.

7. METHOD:

7.1 The CTP should be certified by a Government Test lab for dimensions and material composition. The CTP is to be used as a quick routine test carried out daily to ensure that equipment is working properly and satisfactory image is obtained. The results of the tests should be recorded.

7.2 The CTP should be placed on the belt and passed through the belt atleast once in a day before the baggage is screened or after the X-Ray equipment is switched on to ensure that the equipment is working properly. If the image is satisfactory the equipment may be used.

7.3 The CTP may be viewed by using image enhancing facility till the operator is satisfied that the machine is working properly. The optimum position of CTP on the belt will depend on X-Ray source and detector arrangements. In case of dual view systems atleast one view should pass CTP. This may be ascertained from the service engineer, if need arises.

8. RESULTS:

8.1 The results of test should be recorded giving information like date, time, machine number and type, supervisors name and other remarks.

8.2 Supervisory officer should carry out the tests once in a week and compare the results with daily test sheets. In case the images are not up to the standard, service engineer must be asked to rectify the fault. The machine may not be used when its performance is in doubt or not satisfactory in the opinion of the supervisor.

8.3 The record must be kept by the operator for one year after final entry. The records may be checked by the inspecting officers of BCAS during airport inspection and report be submitted to Director General, Bureau of Civil Aviation Security.

Annexure – I

THREAT IMAGE PROJECTION (TIP)

1. TIP software facility shall be incorporated in the offered X-ray machines to assist supervisors in testing the operator alertness and training X-ray screeners to improve their ability in identifying specific threat object. The system will create a threat object and the same will be superimposed on monitor screen while a bag is being screened. To acknowledge that the operator has seen the false object, operator must press the control panel key that will cause the computer generated threat object to disappear from x-rayed bag image on the VDU screen. Each operator's action shall be recorded in the hard disc of the computer for the auditing purpose by the supervisor or other authorized person.

2. Design of the system

2.1 TIP software should be compatible with other X-ray technologies such as automatic reject unit, Dual X-ray screen technologies, automatic threat recognition system etc. All X-ray image functions must be available at the same time along with the TIP.

3. Image library

3.1 The TIP facility should have an image library. The system shall have facility to expand the library to incorporate additional images by user without assistance of the manufacturer as and when required.

3.2 The image library should contain images of threats at different orientations - both plane and end-on orientation should be used. Although these will be assigned different file names and references, it must be possible to cross reference these as the same threat. All threat Image Projection images must be realistic, representative and non-distinguishable from real threat items.

4. Time Interval

4.1 Programming facility shall be available to project threat images in different intervals. The time period for threat image as well as image mix in percentage shall be user programmable e.g. software shall select 40% images of explosive devices, 35 % of fire arms & 25 % knives or random etc.

4.2 Once the screener has responded to identity of the computer generated threat image, it should remain on the screen for a predefined user programmable time for analysis. The image should be highlighted, upon identification, and feedback message shall be visible to the screener.

5. System Administration

5.1 The threat image projection facility shall have details of user data-base such as airport name, screener name, organization, user ID number.

5.2 Access to start up menu should be restricted only to the authorized individuals. A log - in procedure by means of 'Password' or 'Security Key', could achieve restricted access to each of the comment. The log - in procedure should not take longer than 20 seconds. The system should have facility to by-pass the TIP facility, if programmed so by the system administrator. It is to be ensured that the TIP software shall not be hindrance to normal functioning of X-ray Machines.

5.3 When the operator logs - in or logs - out, message should be displayed on X-Ray BIS VDU Screen to confirm that he/she has been correctly logged - in or logged - out.

6. Feed Back Report

6.1 The threat image Projection should be capable of giving feedback HIT, MISS or FALSE ALARM message. No message will be presented if a screener correctly passed as clear bag.

6.2 A'HIT' message to be presented when a screener has correctly identified a Threat Image Projection image. A 'MISS' message shall be presented when screener fails to identify the TIP image. A 'False Alarm' message shall be given when screener incorrectly indicate TIP image when in fact no threat image projection is present. The feedback should clearly indicate in a screen that a TIP object has been correctly identified / TIP object has been missed / no TIP object was present. Information should be recorded in the database.

6.4 Different colour coding shall be used for feedback to the Screener. It is recommended that colour code 'Red for MISS', Green for 'HIT' and 'Yellow to False Alarm or interrupt' be used.

6.5 The system shall automatically prepare the daily log of events for each shift and for each Screener performance. TIP log shall include particulars of

6.6 Airport, XBIS, Name of Screener, Time & date of threat image, weather threat image was successfully identified or missed etc.

6.7 The report on Threat Image Projection system may have date and time (From - To) as per requirement, Screener particulars, and decision/outcome i.e. MISS, HIT or False Alarm in percentage as well in absolute numbers, number of bags screened, categories such as explosive devices knife or weapon etc.

6.8 As a standard practice, daily / weekly / monthly report shall be retrieved. Report shall be for any given time and period, as per command.

6.9 All data should be stored on the system for a minimum of two months after it has been down loaded. No individual, regardless of access rights to the Threat Image Projection components would delete or amend any of threat Image Projection data or time i.e. Threat Image Projection data on the actual X-ray machine will be read only file.

6.10 Automatic tray retrieval system with reject lane and recheck station with multiple divestment stations may be installed by airport operators to increase throughput, wherever required.

6.11 X-BIS shall have automated online framing of suspicious material (eg. Explosives, high density material, narcotics etc.) for operator. This feature should be in real time requiring no operator involvement.

6.12 All the systems should be maintained by the OEMs or entities certified by them, by whatever arrangements airport operators opt for.

6.13 The system should not be connected or accessed through internet by the OEM for any purpose including remote diagnosis.

6.14 A non-disclosure agreement (NDA) is to be signed by the airport operators (Buyer) with OEM (Supplier) to affect the confidentiality of the information pertaining to the system.

6.15 Service engineers of Indian origin will only be deputed by the OEM or entities authorized by them to maintain the system. Non-Indian engineers may be deputed for major breakdowns under supervision.

****

FAX-3315695 / 3355165

NO.CAS-25(2A)/2004.DIV-1

BUREAU OF CIVIL AVIATION SECURITY

(MINISTRY OF CIVIL AVIATION)

GOVERNMENT OF INDIA

A WING , JANPATH BHAWAN ,
JANPATH, NEW DELHI -110001

Date: 27.12.2004

CIRCULAR NO. 25 / 2004

Sub: Minimum Standards for Civil Aviation Security Equipment.

In supersession of all Circulars/ Instructions on the subject cited above, the minimum Standards/ Specifications with regard to the existing Security Equipment being used at airports, are given in appendix indicated against each below:

(i)	X-ray Baggage Inspection System (BIS)	Appendix – A
(ii)	Door Frame Metal Detector (DFMD)	Appendix – B
(iii)	Hand Held Metal Detectors (HHMD)	Appendix – C
(iv)	Explosive Detection System (EDS)	Appendix – D

2. In view of the advancement of technology, the concerned agencies are advised to follow the minimum technical specifications of aviation security equipments prescribed by BCAS as per following appendices, for future procurement.

(i)	X-ray Baggage Inspection System (BIS)	Appendix – E
(ii)	Online-X-ray Baggage Screening System	Appendix – F
(iii)	Door Frame Metal Detector (DFMD)	Appendix-G
(iv)	Hand Held Metal Detectors (HHMD)	Appendix-H
(v)	Night Vision Device	Appendix-I
(vi)	Explosive Vapour Detectors (EVD)	Appendix-J
(vii)	Explosive Trace Detectors (ETD)	Appendix-K

3. In order to ensure that the AVSEC equipment are procured by the concerned agencies in accordance with the prescribed specifications/ standards, it shall be the responsibility of the procuring agency to get the equipment checked and certified by the Committee comprising following technical experts, before procurement.

i) Asstt. Director (Tech), IB (MHA),
ii) Dy. Secretary (Tech), R&AW
iii) AD (Tech), BCAS
iv) Head of Security of the air operator/ airport operator concerned

Contd..2/-

4. The Airport Director, in consultation with representatives of BCAS, Airline Operator (in case the equipment is to be installed by the airline operator) shall jointly decide the site for installation.

(R.K. Singh)
Addl. Commissioner of Security (CA)

Distribution:
As per list attached.

APPENDIX `G'

SPECIFICATION FOR DOOR FRAME METAL DETECTOR

Sensitivity

1.4 DFMD should have uniform sensitivity across the aperture Metal object exceeding threshold mass should produce identical alarm when passed through any portion within frame.

1.5 The DFMD should have multi-zone capability with uniform sensitivity in all zones

1.6 The system should be capable of detecting ferrous/non ferrous & metallic alloys / metals of various types of threat objects when passed through the archway concealed on the body of the person irrespective of the orientations, weight, size and shape of the object.

NOTE: -

It is expected that person before passing through the DFMD will take out all removable metal articles and deposit them in a bowl and will pass through DFMD. Presence of metal will have to be reconciled to the satisfaction of the security personnel.

2. APERTURE SIZE

2.2 The aperture of the DFMD should be 02 mtrs high and .75 mtrs to .85 mtrs wide.

3. SPEED OF PASSAGE

3.1 The performance of the DFMD should be independent of the speed of the person passing through. This is particularly important as a person's foot may swing through the archway without touching the ground, or may come to rest on the ground between the archway pillars.

4. INTERFERENCE REJECTION

4.3 Interference, which is `mains-borne' or radiated by an external source, should not cause the DFMD to raise the alarm spuriously. It should be possible to use equipment such s radio, portable telephone, walkie-talkie sets X-ray monitors etc. at a distance of one mtr from the archway without causing spurious alarms.

4.2 Moving metal beyond one mtr from DFMD should not affect performance of the DFMD. It should be possible to move metallic items like trolleys one mtr away from the DFMD without the generation of false alarm.

Contd..43

6. **ALARM INDICATION**

5.5 There should be both visual and audible alarms. It should be possible to adjust volume of the audible alarm. At its loudest setting the volume should be adequate to overcome ambient noise present at airport search facilities.

5.6 Detection circuit shall be continuously active for detection of metals and alloys. The equipment shall have comprehensive self diagnostic that shall be able to pin point the defects by constantly monitoring the internal circuitry external connections and environment.

5.7 The unit shall be able to work with out any manual adjustment for power variations over voltage range from 160 V to 260 AC.

5.8 The unit shall conform to international and national standards for electrical safety.

6. **STABILITY**

6.1 The design of the DFMD should be such that its level of performance is constant over long periods of time.

6.3 The DFMD shall be manufactured by firms having ISO 9000 certification.

7. **SECURITY**

7.4 Adjustable controls should be activated only on the insertion of a removable key.

7.5 DFMD resets itself within thre e sec after an alarm condition.

7.6 The unit should have traffic and alarm counter. The system should also be functional bi-directional.

8. **HEALTH AND SAFETY**

8.3 DFMD shall be Cardiac pacemaker, Magnetic tape & Film safe, Supplier shall submit certification to this effect with supporting documents.

8.4 Operation of DFMD shall not be affected by infrared, ultraviolet, electromagnetic or RF radiation. Offered equipment shall comply with CE or equivalent safety / immunity standard.

Contd..44

9. **COMMISSIONING & TESTING**

9.2 DFMD should be tested by using a standard test piece and as per method prescribed by the BCAS Manufacturer should supply one test piece along with each piece of DFMD.

10. **AFTER SALE SUPPORT**

10.2 DFMD should be under warranty for minimum two years he manufacturer /supplier should provide spares and annual maintenance service for minimum of 5 years after expiry of warranty period at reasonable market rates.

11. **STATIC METAL COMPENSATION**

11.2 It may be necessary to install DFMD close to fixed sheets or pieces of metal, which form part of the building or its fittings. The DFMD should compensate for the presence of such metal and its performance should not be degraded by the presence of metal as stated above.

12. **OPERATING TEMPERATURE**

12.2 DFMD shall work satisfactorily without any deterioration in performance within the temperature range of 0 to +45 C with RH up to 95 % non-condensing.

13. **CALIBRATION**

13.1 DFMD shall have in built feature of auto calibration.

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APPENDIX `H'

SPECIFICATION FOR HAND HELD METAL DETECTOR

9. Hand Held Metal Detector (HHMD) should be able to detect metal without being in direct contact with the object.

10. The detector should have audible and visual alarm to indicate the detection of metal.

11. HHMD should be constructed to work on commonly available disposable or rechargeable batteries. Quick and simple battery change should be possible without using tools. The unit should have independent portable battery charger if the HHMD uses rechargeable batteries.

12. HHMD should be equipped with indicator to indicate battery status.

13. The HHMD should have safe health standards with no adverse effect on cardiac pacemakers.

14. Unit should be sturdy, as light as possible, (around 250 gms), easy to handle and should preferably confine to the palm of the frisking personnel for case of use.

15. The unit should be able to satisfactorily function in temperature range from O.C. to 45 C.

16. The HHMD shall be manufactured by ISO 9000 certified firms.

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Appendix 'J'

SPECIFICATIONS FOR EXPLOSIVE VAPOUR DETECTORS (EVD)

1. The Explosive Vapour Detectors are capable of detecting small quantities of explosives provided the explosive vapour is available in the container. Due to low vapour pressure of plastic explosive made of RDX and PETN, it is difficult to detect plastic explosives. Detection capabilities of explosives have been enhanced by marking the same with a agent named DMNB as per the ICAO convention on " Marking of Plastic Explosive". The specifications given below are applicable for both marked and unmarked explosives.

2. **Specifications:**

2.1.	**Detection Capacity**	:	Detect explosives such as RDX,PETN, TNT, Dynamite, SEMTEX, C4, HMX, Ammonium Nitrate etc. with programmable Detection capability.
2.2	**Detection Technology**	:	Based on the latest technology in explosive detection.
2.3.	**Sensitivity**	:	Capable of detection Explosive minimum of 5 gm in operational conditions.
2.4.	**Selectivity**	:	less than 3% typical false alarm rate.
2.5.	**Analysis Time**	:	Approximate 10 Sec per sample.
2.6.	**Sample collection**	:	i) Air collection for vapour. ii) Surface wipe for trace particle/using filter/vacuum pump unit.
2.7.	**Warm up time**	:	Approx. 20-30 minutes.
2.8.	**Power**	:	110/220 V , 50/50 Hz. 30w, Auto Sensing. 12 volt DC
2.9.	**Detection mode**	:	Explosive mode. Optional - narcotic.
2.10.	**Signal processing**	:	i) Variable integration time. ii) Plasmagram component. iii) Recognition of multiple explosives in particulate /vapour mode.
2.11.	**Weight (Hand Unit)**	:	Less than 2 kg
2.12.	**Calibration**	:	Automatic calibration

Appendix 'K'

SPECIFICATION FOR EXPLOSIVE TRACE DETECTORS (ETD).

1. Introduction

The Explosive Trace Detectors are designed to detect nanogram (ng) level of explosive traces. The swipe or vapour mode may be used for collection of samples and analysis. The equipment selected for airport environment shall meet the minimum specifications as given below: The specifications is applicable for both marked and unmarked explosives. The buyer may opt for a better technology and equipment as per their requirement.

1. 1	Detection Capacity	:	Detect explosives such as RDX, PETN, TNT, Dynamite, SEMTEX, C4, HMX, and Ammonium Nitrate etc. with programmable Detection capability.
1.2.	Detection Technology	:	Based on the latest technology in explosive detection.
1.3.	Sensitivity	:	Capable of detection Explosive minimum of 100 ng in operational/ laboratory conditions.
1.4.	Selectivity	:	<2% typical false alarm rate.
1.5.	Analysis Time	:	Approximate 10 Sec per sample.
1.6.	Sample collection		i) Surface wipe for trace particle/using filter/vacuum pump unit. Ii) Air collection for vapour
1.7.	Warm up tome	:	Approx. 20-30 minutes.
1.8.	Power		110/220 V, 50/50 Hz. 30w, Auto Sensing. 12 volt DC
1.9.	Detection mode	:	Explosive mode. Optional - narcotic
1.10.	Signal processing		i) Variable integration time. ii) Plasmagram component iii) Recognition of multiple explosives in particulate /vapour mode.
1.11.	Weight (Hand Unit)	:	Less than 40 kg. (Portable unit)
1.12.	Calibration	:	Automatic calibration.

2. Stages of evaluation

2.1 The test shall be conducted in different stages starting from checking configuration data on technical parameters, system calibration, data collection etc. The proper record of details should be maintained. These stages are:

- Configuration details– checking of technical parameters.
- Operational and environment data
- System calibration
- Threshold verification
- Test article selection
- Pretest activities
- Data collection
- Problem reporting
- Post test activities.

3. Configuration Details

3.1 The detailed unique and complete identification of the ETD system including major components shall be recorded by the committee.

a) Principle of operation
b) Model number(s) equipment tested;
c) Firmware version(s), if applicable.
d) Software version(s); and
e) Serial number(s) of equipment tested;

3.2 The test team will check the details of technical parameters claimed by suppliers are in conformity with the specification issued by the BCAS. The equipment shall meet the specification as given below.

a. Explosives detected i.e. RDX, PETN, TNT, PEK, Sheet explosives, LTPE, Ammonium Nitrate, Gelatin etc
b. Susceptibility to interference (i.e. including specific interference's tending to mask the explosive): minimum
c. Sensitivity/ sensitivity loss: Nanogram level of explosive
d. Response(s) time to the explosives: 6 seconds
e. Sampling methods: swipe and vapour mode
f. False alarm rate: less than 2 %
g. Time taken for recalibration: not more than 2 minutes
h. Warm up time: 20 to 30 minutes
i. Environmental limits: operating temperature – 20 to +50°C, relative humidity 95% non-condensing.
j. Safety factors and regulations: should meet National Safety regulations
k. Human intervention requirements: minimum
l. System design overview: as per specification.
m. Response time and processing rate of the equipment: 10 sec.
n. Physical requirements; and weight less than 40 kg/ portable.
o. Functional and performance capabilities: detect service and commercial explosives as given in the specifications.
p. Supporting data regarding training, maintenance and availability of spares

3.3 Instruction manuals, operation manuals, circuit diagram, and the engineering documents must be included to assist the test and evaluation team in its evaluation of the equipment.

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APPENDIX `C'

SPECIFICATION FOR DOOR FRAME METAL DETECTOR

Sensitivity

1.7 DFMD should have uniform sensitivity across the aperture Metal object exceeding threshold mass should produce identical alarm when passed through any portion within frame.

1.8 The DFMD should have multizone capability with uniform sensitivity in all zones

1.9 The system should be capable of detecting ferrous/non ferrous & metallic alloys / metals of various types of threat objects when passed through the archway concealed on the body of the person irrespective of the orientations, weight, size and shape of the object.

NOTE: -

It is expected that person before passing through the DFMD will take out all removable metal articles and deposit them in a bowl and will pass through DFMD. Presence of metal will have to be reconciled to the satisfaction of the security personnel.

2. **APERTURE SIZE**

2.3 The aperture of the DFMD should be 02 mtrs high and .75 mtrs to .85 mtrs wide.

3. **SPEED OF PASSAGE**

3.1 The performance of the DFMD should be independent of the speed of the person passing through. This is particularly important as a person's foot may swing through the archway without touching the ground, or may come to rest on the ground between the archway pillars.

4. **INTERFERENCE REJECTION**

4.4 Interference, which is `mains-borne' or radiated by an external source, should not cause the DFMD to raise the alarm spuriously. It should be possible to use equipment such s radio, portable telephone, walkie-talkie sets X-ray monitors etc. at a distance of one mtr from the archway without causing spurious alarms.

4.5 Moving metal beyond one mtr from DFMD should not affect performance of the DFMD. It should be possible to move metallic items like trolleys one mtr away from the DFMD without the generation of false alarm.

Contd..51

7. **ALARM INDICATION**

5.9 There should be both visual and audible alarms. It should be possible to adjust volume of the audible alarm. At its loudest setting the volume should be adequate to overcome ambient noise present at airport search facilities.

5.10 Detection circuit shall be continuously active for detection of metals and alloys. The equipment shall have comprehensive self diagnostic that shall be able to pin point the defects by constantly monitoring the internal circuitry external connections and environment.

5.11 The unit shall be able to work without any manual adjustment for power variations over voltage range from 160 V to 260 AC.

5.12 The unit shall conform to international and national standards for electrical safety.

6. **STABILITY**

6.1 The design of the DFMD should be such that its level of performance is constant over long periods of time.

6.4 The DFMD shall be manufactured by firms having ISO 9000 certification.

7. **SECURITY**

7.7 Adjustable controls should be activated only on the insertion of a removable key.

7.8 DFMD resets itself within three sec after an alarm condition.

7.9 The unit should have traffic and alarm counter. The system should also be functional bi-directional.

8. **HEALTH AND SAFETY**

8.5 DFMD shall be Cardiac pacemaker, Magnetic tape & Film safe, Supplier shall submit certification to this effect with supporting documents.

8.6 Operation of DFMD shall not be affected by infrared, ultraviolet, electromagnetic or RF radiation. Offered equipment shall comply with CE or equivalent safety / immunity standard.

9. **COMMISSIONING & TESTING**

9.3 DFMD should be tested by using a standard test piece and as per method prescribed by the BCAS Manufacturer should supply one test piece along with each piece of DFMD.

10. **AFTER SALE SUPPORT**

10.3 DFMD should be under warranty for minimum two years the manufacturer / supplier should provide spares and annual maintenance service for minimum of 5 years after expiry of warranty period at reasonable market rates.

11. **STATIC METAL COMPENSATION**

11.3 It may be necessary to install DFMD close to fixed sheets or pieces of metal, which form part of the building or its fittings. The DFMD should compensate for the presence of such metal and its performance should not be degraded by the presence of metal as stated above.

12. **OPERATING TEMPERATURE**

12.3 DFMD shall work satisfactorily without any deterioration in performance within the temperature range of 0 to +45 C with RH up to 95 % non-condensing.

13. **CALIBRATION**

13.1 DFMD shall have in built feature of auto calibration.

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अनुलग्नक – ख

प्रमाण–पत्र

(कंपनी के लेटरहेड में)

प्रमाणित किया जाता है कि छत्तीसगढ़ विमानन संचालनालय द्वारा रिजनल कनेक्टिविटी स्कीम एयरपोर्ट – जगदलपुर, बिलासपुर, अम्बिकापुर में उपकरण/सुरक्षा उपकरण के क्रय व स्थापना हेतु जारी टेण्डर क्र. – .... हेतु प्रस्तावित सामग्री/उपकरण/सुरक्षा उपकरण (उपकरण का नाम) .... बीसीएएस मानक अनुरूप है जिसके पक्ष में यह प्रमाण पत्र क्र..... प्रस्तुत किया जा रहा है।

निविदाकर्ता के हस्ताक्षर
नाम तथा पदनाम
कंपनी की मुहर

अनुबंध–पत्र

यह अनुबंध पत्र दिनांक ..... को संचालक, विमानन संचालनालय, मंत्रालय, महानदी भवन, नवा रायपुर छ0ग0 के समक्ष मेसर्स ..... के मध्य निम्नानुसार अनुबंध निष्पादन हेतु हस्ताक्षरित किया जा रहा है।

1. यह कि हमारी फर्म द्वारा निविदा में दिये गये समस्त दस्तावेज नियमानुसार व सही है, किसी भी दस्तावेज में किसी प्रकार की त्रुटि पाये जाने पर जबावदारी हमारी फर्म की होगी ।

2. यह है कि विमानन संचालनालय, ए डी 03/09 तृतीय तल, महानदी भवन मंत्रालय, नवा रायपुर पिन कोड कमांक 492002 द्वारा जगदलपुर, अम्बिकापुर, बिलासपुर एयरपोर्ट के सुरक्षा हेतु उपकरण कय हेतु जारी निविदा कमांक .... दिनांक ..... के अंतर्गत हमारी फर्म ..... द्वारा जगदलपुर, अम्बिकापुर, बिलासपुर एयरपोर्ट के सुरक्षा हेतु आवश्यक सामग्री, ...हेतु उपकरण हेतु प्रस्तुत दर एल–1 अनुमोदित हुई है।

3. यह है कि हमारे द्वारा अनुमोदित एल–1 दर पर ही विभाग द्वारा निविदा में दिये गये विभागीय स्पेसीफिकेशन (ब्यूरो ऑफ सिविल एविएशन सिक्योरिटी के तय मानक) निविदा की शर्त कंडिका 01 के अनुसार ही सामग्री प्रदाय की जावेगी । निर्धारित स्पेसीफिकेशन अनुसार सामग्री प्राप्त न होने की दशा में प्राप्त सामग्री स्वयं के व्यय पर वापस ले जाना स्वीकार है, इसके विरूद्ध किसी प्रकार की अपील नही की जायेगी ।

4. यह है कि निविदा शर्त कंडिका 11 अनुसार हमारे द्वारा 90 दिवस के अंदर सामग्री विभागीय तकनीकी मापदण्ड अनुसार प्रदाय करना स्वीकार है। सामग्री प्राप्त होने तथा संबद्ध एयरपोर्ट (बिलासपुर/जगदलपुर/अम्बिकापुर) पर इंस्टॉल होने के उपरांत कमेटी द्वारा सामग्री का अंतिम परीक्षण करने के उपरांत प्रस्तुत प्रतिवेदन के आधार पर नियमानुसार भुगतान स्वीकार है ।

5. यह कि समस्त प्रकार की सामग्री सभी उपकरणो के स्थापना, पर्यवेक्षण और संचालन हेतु स्टॉफ को प्रशिक्षण देना तकनीकि प्रस्ताव क्रमांक 24 के अनुसार स्वीकार है ।

6. सामग्री प्रदाय आदेश जारी दिनांक से लेकर आदेशकर्ता द्वारा सामग्री की पूर्ति स्वीकार करने तक सामग्री की सुरक्षा का सारा जोखिम हमारी फर्म का रहेगा ।

7. विभाग द्वारा कय की गई सामग्री की निर्माता कम्पनी अनुसार/01 वर्ष आदि की गारंटी वारंटी व अनुरक्षण संबंधी तकनीकि प्रस्ताव क्रमांक 25 व 26 में लिखित शर्त स्वीकार है।

8. छत्तीसगढ शासन के भंडार कय नियम 2002 (यथा संशोधित 2022) के समस्त नियमो का पालन किया जाना स्वीकार्य है।

निविदाकर्ता के हस्ताक्षर
नाम तथा पदनाम
कंपनी की मुहर

गवाह :–

(1) हस्ताक्षर .....
नाम .....
पूरा पता.....

(2) हस्ताक्षर .....
नाम .....
पूरा पता.....

निविदा के साथ प्रस्तुत किया जाने वाला आवेदन

प्रेषक **(निविदाकर्ता का नाम तथा पता)**

_____
_____

प्रति,
_____
_____
_____

महोदय,

(समाचार पत्र का नाम)..... दिनांक ———————— मे प्रकाशित आपकी निविदा सूचना दिनांक————————के संदर्भ में निहित प्रपत्र–ब में उपर्युक्त निविदा सूचना में लिखित निंबंधनों तथा शर्तों पर निम्नांकित वस्तुओं के लिए अपनी निविदा/ निविदाएं नीचे प्रस्तुत करता हूं। रूपये———————— की आवश्यक प्रतिभूति राशि जमा की गई है, जो संलग्न है।

01. हम विश्वास दिलाते हैं, कि सामग्री प्रदाय आदेश जारी दिनांक के 90 दिवस के भीतर निर्धारित मापदंड व बीसीएएस मानक अनुरूप सामग्री प्रदाय कर देगें ।

02– उपरोक्त दरें दिनांक———————————— तक मान्य होगीं ।

संलग्न :– आयकर/जीएसटी प्रमाण–पत्र

निविदाकार के हस्ताक्षर