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

क्रमांक 19 /विमा0/संचा0/2018 अटल नगर, रायपुर, दिनांक 28/11/2018

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छत्तीसगढ़ राज्य विमानन विभाग के अधीनस्थ विमानन संचालनालय अंतर्गत जगदलपुर, अम्बिकापुर, बिलासपुर एयरपोर्ट के अग्निशमन वाहनो (**क्रैश फायर टेण्डर**) हेतु आवश्यक सामग्री, आपदा प्रबंधन सामग्री तथा अग्निशमन कर्मियों की टीम हेतु उपकरण क्रय किया जाना है । सामग्री का नाम, मात्रा एवं सामग्री स्पेसीफिकेशन का विवरण **प्रपत्र "ब"** संलग्न है । निविदा प्रस्तुत करने हेतु अन्य शर्ते निम्नानुसार हैं :–

निविदा की शर्ते

01. निविदा प्रपत्र/आवेदन रजिस्टर्ड डाक अथवा स्पीड पोस्ट अथवा पी.एण्ड टी0 विभाग से अथवा अधिकृत कोरियर से **संचालक, विमानन संचालनालय, स्टेट हैंगर, हेलीपेड, डी. आर.पी लाईन, पुलिस ग्राउंड, पेंशन बाडा, रायपुर पिन कोड कमांक 492001** के पते पर प्रेषित करना होगा।

02. निविदा प्राप्ति की अंतिम तिथि 20/12/2018 समय 15:00 बजे निर्धारित है। निर्धारित तिथि उपरांत निविदा हेतु आवेदन स्वीकृत नहीं किया जायेगा। डाक प्राप्ति में विलंब होने की दशा में विभाग की कोई जिम्मेदारी नही होगी ।

03. प्राप्त निविदाओं को निविदा प्राप्ति की अंतिम तिथि 20/12/2018 के पश्चात दूसरे दिन दिनांक 21/12/2018 को 15:00 बजे निविदाकारों की उपस्थिति में अथवा उनके अधिकृत प्रतिनिधियों के समक्ष खोला जावेगा ।

04. निविदा 02 पृथक–पृथक लिफाफों में प्रस्तुत किया जाना होगा । 01 लिफाफे में (**प्रपत्र "अ"** अनुसार) निविदा संबंधी आवश्यक दस्तावेज, निर्धारित सुरक्षा निधि अथवा छूट संबंधी प्रमाण पत्र रखे जायेंगें व लिफाफे में **"तकनीकी प्रस्ताव"(Technical Bid)** अंकित किया जाए।

05. दूसरे लिफाफे में निविदा पत्रक (दर प्रस्ताव) रखना होगा। इस लिफाफे पर "**वित्तीय प्रस्ताव" "(Financial Bid)** अंकित किया जाना होगा । इस प्रकार 02 लिफाफों को एक बड़े लिफाफे में बंद कर प्रस्तुत करना होगा। जिस लिफाफे में निविदा पत्र (दर प्रस्ताव) हो उसमें दिए गए कॉलम के अनुसार **वस्तु का नाम दर, कर, कुल दर आदि** निविदा फार्म के अनुसार लिखा होना एवं संबंधित उपक्रम की सील होनी चाहिए। दरें शब्दों व अंकों मे स्पष्ट लिखा जाए।

06, निविदा में भाग लेने वाले निविदाकर्ता विभाग की निविदा शर्तो को बिना शर्त और असंदिग्ध रूप से स्वीकारते हुए निविदा कागजात के प्रत्येक पृष्ठ पर मोहर सहित हस्ताक्षर करेंगे। इसमें किसी भी प्रकार का परिवर्तन स्वीकार्य नही होगा, निविदाकर्ता को हस्ताक्षर तथा मोहर लगाकर निम्नलिखित प्रमाण पत्र प्रस्तुत करना होगा :–

प्रमाण–पत्र

प्रमाणित किया जाता है कि छत्तीसगढ़ राज्य, विमानन संचालनालय द्वारा जारी टेंडर क्रमांक .....दिनांक..... के निबंधन एवं शामिल 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 है ।

स्थान :
दिनांक :

निविदाकर्ता के हस्ताक्षर
नाम तथा पदनाम
कंपनी की मुहर

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

01. निर्धारित तिथि व समय के पश्चात प्राप्त निविदायें खोली नही जावेगी तथा वापस लौटा दी जावेगी। निविदा वापस करते समय निविदा के बंद लिफाफे पर निविदा लौटाने की तिथि व समय अंकित किया जावेगा ।

02. EMD (Earnest Money Deposit) की निर्धारित राशि रु 50,000.00 डिमांड ड्राफ्ट के रुप में (Director Aviation, Payable at Raipur) के नाम से संलग्न किया जावें। विजेता निविदाकार की EMD (Earnest Money Deposit) के अलावा अन्य निविदाकारों की EMD वापस कर दी जावेगी । जमा सुरक्षा निधि पर विभाग द्वारा कोई ब्याज देय नही होगा।

03. Tender Fee Rs 3,000.00 डिमांड ड्राफ्ट के रुप में in favour of (Director Aviation, Payable at Raipur) जो वापस नही होगा संलग्न करना होगा।

04. प्राप्त निविदा/दर/प्रस्ताव में समानता होने पर आई0एस0आई0 तथा आई0एस0ओ0 9000 प्रमाण–पत्र प्राप्त इकाईयों को आदेश प्रदाय करने में प्राथमिकता दी जावेगी । राज्य में स्थित बी0आई0एस0 प्रमाण पत्रधारी लघु–उद्योग इकाइयों को राज्य के बाहर स्थित इकाई की तुलना में 10 प्रतिशत अधिमान्यता दी जायेगी ।

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

06. निर्माता कंपनी एवं उसके अधिकृत विक्रेता द्वारा सामग्री विशेष हेतु एक साथ निविदा प्रस्तुत किये जाने पर निर्माता कंपनी को प्राथमिकता दी जावेगी ।

07. उचित गुणवत्ता की वस्तु का चयन किया जा सके, इस हेतु यह आवश्यक है कि प्रदाय की जाने वाली सामग्री का नियमानुसार नमूना (सेम्पल) प्राप्त किया जाये । प्रपत्र "ब" मे उल्लेखित सामग्री का नमूना (सेम्पल) निविदा के साथ प्रदान किया जाना अनिवार्य है।

08. निविदा पत्र पर निविदाकार को अपने व्यापारिक संस्थान की जगह, जहां से सामग्री/माल प्रदाय किया जायेगा का स्पष्ट उल्लेख करना होगा ताकि उसके कारखाने का निरीक्षण व तैयार किये जाने वाले माल में उपयोग किये जाने वाली कच्ची सामग्री का विभाग द्वारा परीक्षण किया जा सकें।

09. मापदण्ड अनुसार सैम्पल के अनुमोदन पश्चात, प्रदाय आदेश (वर्क ऑर्डर) जारी होने के 15 दिवस के भीतर, निर्धारित तकनीकी मापदण्डों के अनुसार, सामग्री प्रदाय करने की जिम्मेदारी प्रदायकर्ता फर्म की होगी ।

10. निविदा पत्र (दर प्रस्ताव) में दरों का उल्लेख करते समय समस्त करों का स्पष्ट उल्लेख किया जाना होगा । जिन फर्म/उपक्रम के दरों में करों का स्पष्ट उल्लेख नही 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 ।

11. प्रत्येक निविदाकार के फर्म का वाणिज्यकर/उद्योग विभाग का पंजीयन होना अनिवार्य है। वाणिज्य कर विभाग में पंजीयन की स्थिति में क्लीयरेंस सर्टिफिकेट वर्ष 2018–19 (जीएसटी लागू होने के पूर्व तक वाणिज्यकर समाशोधन प्रमाण पत्र) जमा करना अनिवार्य होगा।

12. प्रत्येक निविदाकार को निविदा प्रपत्र के साथ जीएसटी संबंधी जीवित पंजीयन प्रमाण पत्र की प्रमाणित छायाप्रति तथा फर्म ने जीएसटी भुगतान करने एवं उस पर कोई कर बकाया नही है, इस आशय का प्रमाण पत्र प्रस्तुत करना होगा । निविदाकार को पैनकार्ड की प्रमाणित छायाप्रति एंव पिछले तीन वर्षो का आयकर रिटर्न प्रस्तुत करना होगा ।

13. प्रत्येक निविदाकार को फर्म व स्वयं के खिलाफ उनके विरूद्ध न्यायालय में प्रकरण लंबित ना होने एवं फर्म ब्लेक लिस्टेड ना होने संबंधी गैरसिद्धदोष का नोटरी द्वारा सत्यापित शपथ पत्र दिया जाना अनिवार्य है ।

14. निविदाकार को इंपोर्ट एक्सपोर्ट लाइसेंस की प्रमाणित छायाप्रति के साथ निम्न आशय का प्रमाण पत्र प्रस्तुत करना होगा :–

प्रमाण पत्र

प्रमाणित किया जाता है कि फर्म द्वारा इंपोर्ट/एक्सपोर्ट की प्रकिया में केन्द्र/राज्य शासन से संबंधित नियम का उल्लंघन नही किया गया है।

स्थान :
दिनांक :

निविदाकर्ता के हस्ताक्षर
नाम तथा पदनाम
कंपनी की मुहर

15. निविदा स्वीकार होने की स्थिति में रू0 100/– के नॉन ज्यूडिशियल स्टॉम्प पत्र में दो प्रतियों में अनुबंध पत्र प्रस्तुत करना होगा । करारनामा जमा करने पश्चात ही प्रदाय आदेश (वर्क ऑर्डर) जारी किया जायेगा ।

16. अनुमोदित/स्वीकृत किये जाने वाली दरें जारी आदेश दिनांक से एक वर्ष तक वैध होगीं। इस अवधि में इनमे किसी प्रकार का परिवर्तन स्वीकार्य नही होगा ।

17. क्रय आदेश की शर्तो का पालन नहीं करने की दशा में EMD की जमा राशि राजसात कर फर्म को ब्लेक लिस्ट घोषित करने की कार्यवाही की जावेगी ।

18. सामग्री की डिलीवरी **विमानन संचालनालय, स्टेट हैंगर, हेलीपेड, डी.आर.पी लाईन, पुलिस ग्राउंड, पेंशन बाडा, रायपुर पिन कोड कमांक 492001** में करना होगी। दरें परिवहन व्यय शामिल करते हुये दी जावे। सामग्री FOR तक पहुंचाने हेतु कोई अतिरिक्त भाड़ा भत्ता देय नही होगा।

19. सामग्री प्रदाय आदेश जारी दिनांक से लेकर आदेशकर्ता द्वारा पूर्ति स्वीकार करने तक सामग्री की सुरक्षा का सारा जोखिम/जिम्मेदारी प्रदायकर्ता की होगी।

20. वस्तुओं का क्रय निर्धारित मात्रा से कम या अधिक मात्रा में आवश्यकता अनुसार किया जा सकता है। प्रदाय की गई सामग्री में पैकिंग सामग्री का वजन एवं मूल्य सम्मिलित नही किया जावेगा ।

21 प्रदत्त सामग्री का विभाग द्वारा निर्धारित प्रक्रिया के अनुसार निरीक्षण किया जावेगा। स्पेसीफिकेशन 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 सम्पूर्ण सामग्री वापस ले जाना होगी। इसके लिये कोई पत्राचार नही किया जायेगा और न ही विभाग की कोई जवाबदारी होगी । साथ ही सभी उपकरण, स्थापना, पर्यवेक्षण और संचालन हेतु संबंधित कम्पनी द्वारा स्टॉफ को प्रशिक्षण देना आवश्यक है।

22. सामग्री क्रय के लिये किसी अग्रिम राशि का भुगतान नही किया जावेगा । परीक्षण में सामग्री गुणवत्तानुसार पाये जाने उपरांत ही नियमानुसार भुगतान किया जावेगा ।

23. असाधारण परिस्थितियों में देयक के भुगतान में विलंब के लिये किसी भी प्रकार का ब्याज देय नही होगा ।

24. अन्य शर्ते छ0ग0भण्डार क्रय नियमों के अनुसार होगी ।

25. 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 है । इसके विरूद्ध कोई भी अपील मान्य नही होगी ।

प्रपत्र– अ

01– उत्पादनकर्ता द्वारा निविदा प्रस्तुत करने की दशा में डी0जी0एस0एण्डडी0 / एन0एस0आई0सी0 / जिला व्यापार उद्योग केन्द्र अथवा छ0ग0 राज्य औद्यौगिक विकास निगम रायपुर द्वारा जारी पंजीयन प्रमाण पत्र, अधिकृत विक्रेता / एजेंट द्वारा निविदा प्रस्तुत किये जाने की दशा मे उत्पादनकर्ता द्वारा जारी Authorization/ Undertaking होना आवश्यक है ।

02– प्रत्येक निविदाकार को फर्म का वाणिज्यकर का पंजीयन एवं उक्त प्रमाण पत्र का क्लीयरेंस सर्टिफिकेट वर्ष 2018–19 (जीएसटी लागू होने के पूर्व तक वाणिज्यकर समाशोधन प्रमाण पत्र) जमा करना अनिवार्य होगा ।

03– इकाई का जीवित जीएसटी, टेन नंबर प्रमाण पत्र, पैन नम्बर प्रमाण पत्र, इम्पोर्ट / एक्सपोर्ट लायसेंस, पिछले तीन तीन वर्षो का आयकर रिटर्न, उल्लेखित समस्त प्रमाण पत्रों की सत्यापित प्रति जमा करना अनिवार्य है ।

04– प्रत्येक निविदाकार को फर्म व स्वयं के खिलाफ उनके विरूद्ध न्यायालय में प्रकरण लंबित ना होने एवं फर्म ब्लेक लिस्टेड ना होने संबंधी गैर–सिद्धदोष का नोटरी द्वारा सत्यापित शपथ पत्र दिया जाना अनिवार्य है ।

05– बैंकर्स रिपोर्ट (बैक द्वारा) तथा पिछले तीन वर्षो का टर्न ओवर रूपये एक करोड़ होना चाहिए यह प्रमाण पत्र पंजीकृत चार्टर्ड एकाउटेंट द्वारा हस्ताक्षरित (सील सहित) प्रस्तुत करना होगा।

06– पूर्व में सामग्री प्रदाय आदेश एवं प्रदाय सामग्री का प्रशिक्षण दिये गये कार्य का, संबंधित विभागो द्वारा दिया गया अनुभव प्रमाण पत्र की कापी अनिवार्य है ।

टीप :– निविदाकार कृपया उपरोक्त कम में ही दस्तावेज संलग्न कर बंद लिफाफे मे प्रस्तुत करें ।

प्रपत्र–ब
सामग्री का नाम एवं मात्रा

क्र	सामग्री का नाम	मात्रा	रिमार्क
1	Prying tool	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
2	Crow bar 95 cms	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
3	Crow bar 165 cms	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
4	Axe Rescue Large	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
5	Axe Rescue Small	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
6	Cutter Bolt 61cms	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
7	Hammer 1.8 kg lump or club type	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
8	Chisel cold 2.5cm	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
9	Hydraulic/Electrical Portable Rescue Equipment	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
10	Powered Rescue saw complete with minimum 406mm diameter spare blades	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
11	Reciprocating/Oscillating Saw	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
12	Delivery hose, 63mm, rubber lined in 15 meter length, type-B	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
13	Delivery hose, 63mm, rubber lined in 13 meter length, type-B	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
14	Foam Branches (Nozzles)	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
15	Water Branches (Nozzles)	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
16	Coupling Adaptors with Nozzles & spanners (IS:903)	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
17	(Complete BA Sets) Breathing aparatus Set with (C/W facemask and Air Cylinder)	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
18	Extension Ladder Rescue & Suitable For Critical Aircraft 15 meter	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
19	Fire Fighting helmets coats, over trousers, boots & gloves as a minimum	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
20	Protective Goggles	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
21	Flash Hoods	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
22	Surgical gloves	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
23	Blanket fire Resisting 6 ft /8 ft	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
24	Rope Line Rescue per roll 45 mtr.	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
25	Rope Line General use per roll 30 mtr.	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
26	Rope Line pocket per roll 06 mtr.	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
27	Hand Held flashlight	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार

28	Portable Lighting- spot or flood	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
29	Shovel Overhaul	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
30	Hammer Claw 0.6 kg	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
31	Cutter, Cable 1.6 cm	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
32	Socket Set	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
33	Hacksaw, Heavy duty c/w spare blades	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
34	Wrecking bar 30cm	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
35	Screwdriver set – slotted & Philips heads	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
36	Pliers insulated combination 20cm	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
37	Pliers insulated Side cutting 20cm	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
38	Pliers insulated slip joint – multi grip 25 cm	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
39	Fire Proximity Suit	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
40	Full faced respirators c/w filters	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
41	Under vehicle search mirror	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
42	Binoculars	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार
43	Dragon light	01	स्पेसीफिकेशन संलग्न परिशिष्ट अनुसार

Annexure

1. Specification of Prying tool

Prying tool will be as per the standard size and Used for Rescue.

2. Specification Of Crow bar 95 cms

Crow bar 95 cms standard size & qulity. Use for rescue purpose.

3. Specification Of Crow bar 165 cms

Crow bar 165 cms standard size & qulity. Use for rescue purpose.

4. Specification Of Axe Rescue Large

Made of carbon steel with rubber insulated handle tested to 20,000 Volts as per IS: 926.

5. Specification Of Axe Rescue small

Axe rescue large non wedge type use for rescue purpose
Material - High carbn steel
Pickaxe weight - 2.5 Kg.
Eye shape - Oval /round
Handle – Wooden
Color - Black/red

6. Specification Of Cutter Bolt

Bolt cutter 36" Qualitative Requirements BIS Code no a) Size: Length 36"
a) Cutting jaws: made of high tensile solid alloy steel, especially head treated with center cut heads.
b) Handle: With sufficient grip of rubber for a length of 6 to 8 inches
c) Application: Suitable for cutting hard material vim bolt, Bidder will be must submit authorization certificate, catalog and sample.

7. Specification Of Hammer 1.8 kg lump or club type

Propriety shock absorption core- best in class shock absorption
Propriety bullet head- more concentrated striking power
New soft grip design for better grip, comfort and vibration absorption
Shok absorbing collar- isolates vibration to the head and reduces shok
World's 1st particle dampened handles – vibration dampening particulate handle dampens vibration better than solid core handles Weight – 1.81 Kgs
Bidder will be must submit authorization certificate, catalog and sample.

8. Specification Of Chisel cold 2.5cm

One piesce forged construction for strength
Powder coated for easy visibility
Hardened quenched and tempered for long life
Size – 7/8*/22mm

9. Specification Of Hydraulic/Electrical Portable Rescue Equipment

DESCRIPTIONS –

a. The Combi-tool shall design hydraulically activated piston with two equal, opposite blade arms that are symmetrically opened by mechanical joints, thereby spreading, squeezing, pulling or cutting objects. The maximum operating pressure to the tool will be minimum 700 bars.

b. The Combi-tool shall not need to be connected to an external hydraulic source, generation of the required hydraulic pressure takes place within the body of the device by a quick exchange lithium/ion battery. The battery shall be capable to recharge fully within 60 minutes.

c. The Combi-tool shall equip with lights to facilitate work under poor lighting conditions. For simplicity, the lights must be powered by the same Lithium-Ion battery that powers the Combi-tool and not a secondary battery.

d. The cylinder of the tool shall be made of anti-corrosive light aluminium alloy for its lightweight, strength and long life. The body of the tool shall have a high impact, non-metallic housing. The housing shall have ventilation holes on both sides of the unit for cooling the motor.

e. The Combi-tool shall be light in weight so that a single fire-fighter to position, guide and operate the tool without needing assistance by the other person.

f. The Combi-tool shall have two handles. One located at the center of the tool and the other located below the control mechanism. The center crossbar handle allows easy ergonomic manipulation from the center or either sidehave the handle which should be mounted in such a way that the tool is fully balanced and allows the fire-fighter for an easy operation.

g. Thetool should be fully operational for longer periods at temperature of -20 Degree C up to +55 Degree C.

h. The C.G. govt. experience certificate and work order copy of Supply, Testing, Commissioning And Training must be submitted.

i. Tender must have service centre in Chhattisgarh and must submit all supporting govt. documents evidencing the same. Bidder will be must authorization certificate and catalog sample submit.

j. The blades of the tool shall be of a straight serrated edge design for maximum cutting performance. The blades shall have integral tips for spreading applications. The blades of the tool shall contain shackle holes for pulling applications. The blades of the tool should be attached to the piston rod via removable links, for ease of repair, efficient power transmission and smooth operation. The blades shall be made of investment cast dropped-forged steel glass pearl blasted for long-life and quality. The blades are regrindable. The pivot points of the blades shall have rubber booted hand guard for safety purposes.

k. The control mechanism shall feature a star-grip control actuator for ease of operation by allowing 360-degree operations in any position. The tool must provide a non-interflow shear seal "dead man" actuator, whereby the unit stops functioning when thumb pressure is released. The star grip automatically returns to the central position, guaranteeing the full load-holding.

l. The Combi-tool will be equipped with a dual pilot check valve. This is to prevent accidental movement of the arms in the event of power loss. The tool shall be protected by a pressure relief valve that prevents it from being over pressurized.

II. TECHNICAL SPECIFICATIONS OF BATTERY OPERATED HYDRAULIC COMBI TOOL

The Combi-tool shall have the following specifications –

reading distance measured at the blade tips	t less than 320 mm
reading force measured at 25 mm from tips as per EN 13204	t less than 38 kN
reading Force	t less than 700 kN
tting force	t less than 280kN
lling distance	t less than 330 mm
lling force	t less than 37kN
ight including battery	t more than 16 Kg
pable of cutting round steel bar	t less than 26 mm

III. ESSENTIAL REQUIREMENTS OF BATTERY OPERATED HYDRAULIC COMBI TOOL

The Battery Operated Hydraulic Rescue Tools should meet the following requirements: -

1. The Combi-tool must be NFPA 1936; 2015 Edition certified and shall be labelled as such bearing the mark of the testing agency.
2. The Combi-tool must have classification no less than A6/B6/C6/D7/E7 as defined in NFPA 1936:2015 and certified by TUV Germany testing agency only.
3. The Combi-tool should have the weight not more than 32.8 lbs (14.9 kg) excluding the power supply.
4. The Combi-tool must be EN certified 13204:2016-12 with EN class F and EN performance of 1G– 2F– 3F– 4F– 5G
5. The Combi-tool must have protection class of IP 54.

10. Specification Of Powered Rescue saw complete with minimum 406mm diameter spare blades

Useful to Wood Cut fallen across roads during monsoons and cyclone. It is also useful for cutting through wooden structures like doors, windows during force entry.

- Powerful motor
- Easy-to-handle by one person
- Off-the-shelf availability of spares
- Light weight and compact so convenient in handling and transportation
- High wood cutting speed ensures speedy work
- Indigenously manufactured on par with international standard and NSIC Registration.
- A unique chain saw for multifarious activities
- Very suitable to work in narrow space during rescue operations

Displacement (CC)	54
Guide Bar (CM)	50
Fuel Capacity (Liter)	0.5
Cutting Capacity (CM)	140
Weight (KG) Head	5.0

11. Specification Of Reciprocating/Oscillating Saw

4 position blade clamp allows for flush cutting & increased versatility
Ideal for plumbers, electricians, heating HVAC & builder
1100 Watt motor designed for heavy duty applications
Lever-action keyless blade clamp for quick and easy blade changing
Power – 1100W
Strokes – 0-2800/min.
Stroke Length – 29mm
Max. Cutting capacity – 130mm
Wood/Metel/Pipes – 280/100/130mm
Weight – 3.5 kg

12. Specification Of Delivery hose

Three layered synthetic jacketed, with elastomeric outer covering highly resistant to liquids, oils, chemicals, acid, alkalies, solvent, abrasion & heat,

- Dia. 63mm X 15mtr. length, Working Pressure 18kg/cm2, Proof Pressure 25kg/cm2, Burst Pressure 42kg/cm2,
- "KITEMARK" APPROVED, BEARING IS: 636-1988 TYPE-B, ISI MARK, CE MARKED,UL Listed
- Dully fitted with Hose Coupling made of SS-304, Pair of male & female parts, Instantaneous Pattern, Size: 63mmX 63mm, bearing IS: 903 ISI mark, SS wire binding. Brand- Fire shield /Permalink/Mitras Three layered synthetic jacketed, with elastomeric outer covering highly resistant to liquids, oils, chemicals, acid, alkalies, solvent, abrasion & heat,
- Dia. 63mm X 30mtr. length, Working Pressure 18kg/cm2, Proof Pressure 25kg/cm2, Burst Pressure 42kg/cm2.
- "KITEMARK" APPROVED, BEARING IS: 636-1988 TYPE-B, ISI MARK, CE MARKED,UL Listed.
- Dully fitted with Hose Coupling made of SS-304, Pair of male & female parts, Instantaneous Pattern, Size: 63mmX 63mm, bearing IS: 903 ISI mark, SS wire binding. Brand- Fireshield /Permaline/Mitras.
- Bidder quote there price for 15 Mtr. & 30 Mtr.
- Tender must have service/stretching/binding centre in Chhattisgarh and must submit all supporting govt. documents evidencing the same. Bidder will be must submit authorization certificate catalog and sample.

13. Specification Of Foam Branches (Nozzles)

- Solid jet type, hand-held nozzle having 63mm male instantaneous coupling connection
- Stainless Steel (SS 304)
- H.P. tested to 21 kgf/cm2

14. Specification Of Water Branches (Nozzles)

Water Nozzle, made of Gunmetal, suitable for 63/75/100/150 mm waterway size monitor. Nozzle shall have nominal foam solution capacity of 500/675/750/1000/2000 (US) gpm at 7 kg/cm2, give good foam and water jets, and narrow/wide angle spray. It shall have swivel inlet matching to monitor threads, Jet/ Spray changeover arrangement, and rubber bumper.

15. Specification Of Coupling Adaptors

- Coupling adaptors joint Male/ Female couplings, 63 mm size,
- Made of Gunmetal suitable for use with 63 mm Fire fighting delivery Hose.
- Couplings shall have threads as per NH standards.
- Lugs provided for easy tightening.

16. Specification Of Complete BA Sets

Self Contained Compressed Air Breathing Apparatus (SCBA) of 45 minutes duration shall be two stage, open circuit positive pressure type with seamless carbon composite cylinder of 6.8 Lit/300 Bar. The SCBA set should be manufactured by an ISO 9001 certified company and shall be EN-137 type 2 (latest revision) approved and CE marked/IS: 10245 part II marked. The weight of the fully charged SCBA set shall not exceed 13.0 Kg.

Duration of use:	51 minutes at the rate of 40 L.P.M. of air.
Water capacity of cylinder:	6.8 liters
Operating pressure:	300 bar
Air capacity :	2040 liters.

Cylinder & Valve:

The Compressed air cylinder should be light weight. It should have a water capacity of 6.8 litres and working pressure of 300 bar and should give 51 minutes of nominal use time. It should have approval from PESO Nagpur. Cylinder Valve should be EN144 Approved. Cylinder should be branded product of SCBA manufacturer.

Body Harness with Back Plate:

- EN-137 type-2 :2006 (latest revision)/ IS: 10245 part II (latest revision) approved, fully adjustable according to the torso of the user, Ergonomically designed, light weight non-metallic made of strong, moulded, polyamide material with carbon composite and having straps to support 6 liters to 9 liters water capacity cylinders.
- Water resistant, non-conductive, anti-static, chemical, impact and flame resistant.
- Have adjustable, padded harness and rubber boot at bottom end to absorb impact.
- Provided with height adjustment mechanism which enables wearer to select one of three height settings for the waist belt module relative to the back plate.
- The back plate should be Solid reinforced fiber glass and should provide high flexibility. The design should be engineered to balance weight throughout the body's structure to prevent stress points during extended wear. The hoses should be well guided for easy donning and snag free operation.
- The harness, buckles, straps and pads shall be lightweight and flame retardant. Harness shall not be riveted on back plate but shall pass through the back plate. The harness shall not deform over a range of environmental temperatures. Cylinder strap shall be adjustable without use of tools and have failsafe cam lock mechanism.
- Medium Pressure (MP) & High pressure (HP) air supply hoses shall be flame retardant and shall have fittings of swivel type. MP & HP hoses shall be so fitted into the carrying frame/strap that it will reduce the risk of snagging and entanglement.
- Metallic components shall be corrosion resistant.

Harnesses : The harness of the breathing apparatus should be made of Intrinsically flame retardant polyamide straps which provides reliable carrying strength and distribute weight between shoulders and hips. The harness should feature flame Resistance and machine washable fabrics. The lengths of shoulder and hip strap should be adjustable.

Pneumatics Pressure Lines :

- The pneumatics pressure line should features a single pressure hose from the pressure reducer to the manifold to avoid entanglement at tight use areas. The single pneumatic system should support the demand valve, the second man connection, pressure gauge, and warning signal into one single visible hose.
- At the heart of the single pneumatic line, should accommodate a high pressure line i.e, the high pressure line runs inside the medium pressure line which also acts as a protective casing. **The warning device should actually be placed on the head of the inside high pressure line. This should ensure that warning device of the pressure is totally independent from the pressure gauge line, which features a much higher safety.**

First stage pressure reducer with warning device

The first Stage pressure reducer (7 bar pressure) should be mounted on the lower area of the back plate, on the pressure reducer there should be a relief valve and a single line for connecting the manifold. The pressure reducer should have the capability to reduce the cylinder pressure to 7 bar and the relief valve should activate on non permitted pressure raise, to prevent damage ensuring continued flow of breathable air to the wearer.

Manifold :

A Manifold should be connected to the end of the single line which starts from the pressure reducer. The manifold should house in one shell, the pressure gauge, the coupling for demand valve, as well as acoustic warning device i.e signal whistle, which triggers a continuous warning signal when the cylinder pressure drops from 55 bar and below. The second connection connects the second lung governed demand valve (for e.g. the rescue kit), or directly connects rescue hoods to give breathable air to the person who is in need or disabled.

Packing:

Safety Currying Case.

Second stage pressure reducer : Demand Valve

- The lung governed demand Valve should act as a second stage pressure reducer and reduces the medium pressure of 7 bar from the first stage pressure reducer to a 1.1 bar positive pressure inside the face mask to prevent entry of foreign particles and poisonous gases inside the face mask when operating in most hazardous atmospheres.
- The demand valve should allow a sensitive response to individual users breathing needs withstanding toughest conditions. The demand valve should have a maintenance free valve core and the housing design should ensure that it cannot get entangled and provides extra protection against blows.
- A large Operating button should be bright colored and positioned in front of the housing, which allows the wearer of the breathing apparatus set to operate the demand valve with either hands easily even when wearing gloves.
- The housing should be engineered in a semi globe shape which should be handy and that it cannot get caught and blows are deflected. The protective cap of the demand valve should assure highest operating safety, even in case of damage.
- The demand valve should allow maximum freedom of movement and the connections to the face mask and the medium pressure line. The silicone line should remain equally active even at the lowest temperature applications.
- The lung governed demand valve should easily be activated in the first breadth, and should operate very quietly.

- The connection to the full face mask should be by means of a plug in connector which should be swivel type connection for demand valve automatically align itself to the head movements of the user.
- The Lung Governed Demand Valve should be equipped with a bypass safety air supply system, to ensure that in case of demand valve malfunctioning the air supply to the user remains independent of the valve.
- The lung governed demand valve should be switched to the positive pressure with the first breathe of the wearer.
- When removing the full face mask the positive pressure can be switched off by pushing the switch button.
- The valve assembly should not need any repeat lubrication, and simple removal of the protective cap should permits the diaphragm check.
- Tender must have service centre in Chhattisgarh and must submit all supporting govt. documents evidencing the same. Bidder will be must authorization certificate and catalogsample submit.

Face piece

- EN 136 Class 3 (latest revision)/IS: 14166 (latest revision) approved
- Polycarbonate, scratch proof, self demisting & 110 deg. Wide vision visor.
- An inner mask to minimize CO_2 build-up.
- Fitted with low resistant exhalation valve & SS speech diaphragm to ensure excellent communication.
- An easy & quick fitting Plug-in connection to Demand Valve.
- Double reflex sealing for leak tightness and cushioning effect.
- 5-strap head harness.
- Visor shall be replaceable and shall have resistance to impact. The holding frame of visor shall be sturdy.
- Comfortably fit to all face sizes.
- Packed in good quality plastic bag/cover.

Approvals

- The entire set including must be approved to EN 137 –Type 2 :2006 (Latest version) standard and copy of approval, must be enclosed with the supply.
- The face piece must be approved to EN 136 class 3 (Latest version) standard and a copy of the approval, must be enclosed with the supply.
- The C.G. govt. experience certificate and work order copy of Supply, Testing, Commissioning And Training must be submitted.
- Cylinder and valve must be of a type approved by CCOE Nagpur and approval copy, along with the manufacturers' test certificate must be furnished along with the supplies. The cylinders should not be more than six months old from the date of supply.
- Back plate, face piece and demand valve must be individually CE marked.

17. Specification Of Extension Ladder Rescue & Suitable For Critical Aircraft

Rope Ladder with Aluminum Rungs 25 mm Dia, Rope 12 mm (15 Mtr.) use for rescue purpose

18. Specification Of Fire Fighting helmets coats, over trousers, boots & gloves as a minimum

Fire Entry Suit is a highly insulated suit designed for entry into extreme fires where contact temperatures can reach up to 2000^0F (1093^0C). It is fabricated out of special high temperature fabric for maximum protection in total flame entry.

Fire Entry Suit is designed for maximum personal fire protection. They can be worn in preparation for possible fire eruption or for stand-by operations should a rescue or evasive action require passage through a fire zone. The suit is highly engineered to support the most extreme conditions with 7 layers of insulation and fully insulated hood, mitts, boots, and soles. It protects against high radiant heat up to 3000°F (1650°C). The suit is constructed from NFPA Certified materials.

The Suit must consist of Coat & Pant,Ingress Hood with Visor, Pair of Gloves & Over boots.

Outer Layer:

The outer layer is must be made out of Aluminized Para-Aramid blend Rip stop Knit Fabric.

The total weight of the fabric should be 250 g/m^2 (+/- 20 g/m^2).

The fabric should be tested and certified to NFPA 1971-2018 & EN ISO 11612:2015 (Pass A1, A2, B1, C4, D3, E3, F1).

It should have a very long durability.

Material Of Construction:

LAYERS – 7, Outer Layer - Aluminized Para-Aramid NFPA 1971 Certified, Middle Layers - Multiple layers of insulation, Innermost Layer - Inherently Flame Retardant Fabric

Middle Layers:

Multiple Special Moisture barriers, high heat insulations and vapor barriers.

Innermost Layer:

The fabric must be inherently flame retardant fabric as comfort lining.

DESIGN:-

Suit must be made of 7 layers for maximum heat protection. Breathing apparatus required.

Suit consists of :-

HOOD: The hood is a helmet which fit over the head straps of all masks. The hood is incorporated with an IS 2745 Fireman Helmet & has a visor with original gold coated laminated glass with high reflectivity at higher temperatures

COAT: Designed to be worn with breathing apparatus. Double storm fly front flame seal with drawstring at coat bottom.

PANT: High waist design. 2 inch wide adjustable suspenders. Adjustable Straps on leg bottoms.

OVER BOOTS: Designed to fit over work shoes. Rear entry with overlap snap closure and adjustable take-up straps.

GLOVES: Heavy duty construction made with multiple layers

WEIGHT: Weight of complete suit should not be more than 12 kgs.

SIZE: One size fits all.

PERFORMANCE:-

The sandwich of the complete 7 layers must be tested for Convection Heat Resistance (Flame Exposure) HTI (24)
By test method ISO 9151 (Incident Heat Flux: 80 KW/m^2 – i.e. 1000°C) and the performance must be minimum of 35 seconds.
Tender must have service/stretching centre in Chhattisgarh and must submit all supporting govt. documents evidencing the same. Bidder will be must authorization certificate, catalog and sample submit.

TEST REPORTS / CERTIFICATIONS:-

The outer layer of the suit must be certified by UL to NFPA 1971:2018.
The suit must be tested as per EN 1486-2008-4.
The complete component assembly (Material of construction) must pass EN ISO 6942, EN 367 (ISO 9151).
The Seam strength of the seams on suit must pass EN ISO 13935-2
The C.G. govt. experience certificate and work order copy of Supply, Testing, Commissioning And Training must be submitted.
Component Assembly testing for heat resistance must pass as per ISO 17493

TEST REPORTS OF THE ALL THE ABOVE MENTIONED MUST BE SUBMITTED ALONG WITH THE TENDER DOCUMENTS.

19. Specification Of Protective Goggles

To provide safety to those who cannot directly put on a safety eye wear, as they have to wear prescription spectacles, the ES 007 easily fits over the prescription frames.
Construction sites; areas where sand and large dust particles are blowing at high speed.
Metal processing shops

Lens Features

- Optical Class 1
- Hard coated lens for Scratch Resistance
- Lens material- 100% Polycarbonate
- Lens Scale Number: 3- 1.2 (clear)

Available Lens Option

- Clear

Special Features

- It can easily fit over most prescription spectacles
- Amber lens provides for better contrast.
- Comes with adjustable temples for better fitting to the wearer

20. Specification Of Flash Hoods

The hood is a helmet which fit over the head straps of all masks.
The hood is incorporated with an IS 2745 Fireman Helmet & has a visor with original gold coated

21. Specification Of Surgical gloves

The nitrile formulation was chosen for this mechanical resistance. Its flexibility and its resistance. Feature: Unpowdered nitrile glove. Blue translucent Single use. Length : 24 cm. AQL : 1,5 Resistance Nitrile offers better mechanical resistance than latex. It also provides superior performance when in contact with greasy products. Hygiene The glove is treated to prevent the development of bacteria. Its non-powdered interior ensures the absence of a transfer of cornstarch to foodstuffs, for a lower risk of allergy. Certified for contact with food. Its blue colour easy to detect makes it suitable for the agrifood industry. Nitrile is an alternative for users who areallergic to natural latex.

Advantage: High Performance (Oil, detergents, certain solvents)
Comfort Disposable glove for an excellent touch. Its patterned finish provides a better grip

Classification-

- Length : 24 cm
- Thickness : 0.1mm
- Harmlessness: In conformity with the European standards
- Dexterity : Class 5
- Packing : 1 Box = 100 Nos = 50 Pairs
- Size : S,M,L,XL

22. Specification Of Blanket fire Resisting

Water gel blanket is a combination of therapeutic gel that is non-toxic, bactericidal, water soluble and biodegradable and 100% woolen blanket. The woolen blanket is capable of retaining gel up to 13 times of its own weight. The gel used in this blanket is made of herbal and natural products. The water Gel blanket is packed in good quality canister. This blanket is tested at NBCD School, INS Shivaji, Lonavala, Indian Navy and approved by Indian Navy, Ministry of Defence – New Delhi, Nexg, Modern Apparels. Bidder will be mast authorization certificate and catalog submit.

Application

1. Rescuing the person trapped in fire by wrapping the blanket.
2. Extinguishes fire.
3. Gel on the blanket starts healing the burn wounds of the victim.
4. In case of emergencies, can also be used to handle hot metals.
5. Blanket Size 6ft X 8ft

Certifications & Approvals:-

Water Gel Blanket is approved by INDIAN NAVY.
Each batch of blanket is sterilized from BARC – Government of India –Department of Atomic Energy.

23. Specification Of Rope Line Rescue

- Made up of Polyamide PN930K
- Maximum Roll Size : 30mts
- Dia – 11mm
- Length – 30m

24. Specification Of Hand Held flashlight

Pocket sized tactical light is engineered to output 774 lumens of intense LED light, turning night into day instantly. Four light modes: high, medium, low and strobe for close quarter to long distance viewing, including tactical offensive strobe. 7000 With 4 programmable combinations now you're in complete control.

DIMENSIONS - Length: 5.31" (13.5 cm)

MATERIALS - Body: Aluminum , O-Ring: Nitrile , Lens: Polycarbonate (PC), Contact Spring Retainer: Nickel Plated Spring Steel

COLORS - Black

LIGHT SPECS - Lamp Type: LED, IPX7

POWER - Battery Size: CR123 , Battery Type: Lithium, Battery Quantity: 2, Batteries Included: yes, Volts: 6.0v

WEIGHT - Weight With Batteries: 5.6 oz (159 gr), Weight Without Batteries: 4.4 oz (125 gr), Packaged Weight: 10.0 oz (283 gr)

SWITCH - Switch Type: Push Button, Light Modes: High / Medium / Low / Strobe

Tender must have service/stretching/binding centre in Chhattisgarh and must submit all supporting govt. documents evidencing the same. Bidder will be must submit authorization certificate catalog and sample.

25. Specification Of Portable Lighting- spot or flood

Portable Lighting Engineered with the Intelligent Control System which calculates and displays current battery life. Additionally, it allows the user to regulate the intensity of the light, choose the desired run time or select from three pre-set power levels. Built with versatility in mind, the Light features two telescopic masts (each extends to nearly 6 feet) and two 360° articulating light heads. The system's next-generation LEDs combine to radiate up to 12,000 lumens (6,000 per light head). Powered by a rechargeable battery, the system offers remote activation via a Bluetooth app which allows varied light output from 100% - 0%. For extended applications, the 9460 can run continuously on wall power. The ability to leave on charge allows you to always be prepared. A 12volt power port including a dual USB adapter provides power for multiple peripheral devices. Built self-contained in a tough-as-nails Pelican case, the 9460 is compact and provides easy ground transport with a retractable pull handle and stainless steel ball-bearing polyurethane wheels.

- HEAD (L X W X D)
- 8.25" x 5.75" x 2.25" (21 x 14.6 x 5.7 cm)
- Housed in a Pelican™ Protector Case™ housing
- Silent operation
- Cool operating temperatures
- No exhaust
- Dual USB power adapter
- RoHS and CE Compliant
- CLOSED (L X W X D)
- 23.25" x 14.00" x 9.25"
- LIGHT HEAD HEIGHT (MAX): 79.50"
- CORD LENGTH: 13.78"
- WEIGHT: 61.00 lbs
- Upright and lie flat pole brackets
- BODY: Polypropylene
- HEAD: Aluminum
- MAST: Aluminum
- Dual telescoping LED light heads
- LENS: Polycarbonate (PC)
- LUMENS (HIGH): 12000
- LAMP HEADS: 2
- LAMP TYPE: LED
- NUMBER OF LEDS: 20
- LAMP LIFE: 50000 hrs

- BEAM SPREAD: 120 °
- IP RATING: 54
- Full time battery level indication with low level flashing indicator

26. Specification Of Shovel Overhaul

- Size - 102*21cm
- Material - Iron + wood
- Weight - 1.42kg

27. Specification Of Hammer Claw 0.6 kg

- Shaft 15% longer for better balance & control in usage
- Flock-filled rubber grip for comfort and durability
- Hardened and tempered tubular steel shaft for strength

28. Specification Of Cutter, Cable 1.6 cm

- Designed for electric cable, copper, aluminium etc.
- Notched jaw holds and cuts cables in a clean and sharp way.

29. Specification Of Socket Set

Features & Benefits

- 1/2" standard socket 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-27-30-32
- 1/2" SD pear head ratchet NP9
- 1/2""Extension125mm
- 1/2""Extension250mm
- 1/2""SlidingTee
- Weight (g) – 4250
- H (mm) – 417
- L1 (mm) – 200
- W (mm) - 70
- 1/2""Universal joint
- 1/2'12PT Spark plug socket 21MM

30. Specification Of Hacksaw, Heavy duty c/w spare blades

- Description – Hacksaw – steelframe
- Blade Size – 305 mm/12
- PBQ – 6
- SBQ – 36

31. Specification Of Wrecking bar 30cm

- Wrecking Bar 30cm is used for the rescues nomial size and weight are-
- Size – 16x450
- Wt. (Kgs.) – 0.870

32. Specification Of Screwdriver set – slotted & Philips heads

Features & Benefits

- Std Parallel 5mm x 100mm
- Weight (g) - 577
- Std Parallel 5mmx 150mm
- Phillips® PH1 x 100mm
- Phillips® PH2 x 150mm
- Slotted 6.5mm x 150mm
- Slotted 5mm x 100mm

33. Specification Of Pliers insulated combination 20cm

Features & Benefits

- Bi-material handle with secure grip grooving
- Compliant to EN60900, IEC/CEI900, VDE0680
- Length (mm) - 200
- Hand ground, induction hardened blade for long life and accuracy
- Maximum cutting capacity (mm) – 2
- Weight (g) – 319
- 1000V rated handle
- Cutting capacity 100kg/mm² (mm) – 3.8
- Cutting capacity 160kg/mm² (mm) – 2.3
- Heat treated high chrome steel forging for long life and durability
- Individually tested to 10,000v
- Safe live line working to 1,000v
- Interlocking joint assembly for smooth cutting

34. Specification Of Pliers insulated Side cutting 20cm

Features & Benefits

- Drop-forged steel is strong and durable
- Weight (g) – 270
- L (mm) – 180
- A (mm) – 50
- B (mm) – 11.5
- Forged carbon steel jaws fully heat treated for optimum performance and durability
- Double dipped handle allows for a comfortable grip
- Meets ANSI specifications

35. Specification Of Pliers insulated slip joint – multi grip 25 cm

Pliers insulated slip joint – multi grip 25 cm is a tool which is used for rescue, with the standed quality.

36. Specificaion Of Hand Tool Kit Metric & A/F 132

This Tool Kit is supplied in a convenient blow mould carry case, It should be unbreakable.

LIST OF TOOLS

1/4" Drive Standard Sockets:
Metric: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10mm
A/F: 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8"
1/4" Drive Socket Accessories: Heavy Duty Ratchet, 50 & 150mm
Extensions, Universal Joint, Socket Driver, Bit Holder
1/2" Drive Standard Sockets:
Metric: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30,32mm
A/F: 3/8, 7/16, 1/2, 9/16, 5/8,11/16,3/4,13/16,7/8,15/16,1,1-1/16,1-1/8,1-3/16,1-1/4"
1/2" Drive Spark Plug Sockets: 5/8 & 13/16"
1/2" Drive Socket Accessories: Heavy Duty Ratchet, 75, 125 & 250mm
Extensions, Universal Joint, Flex Bar
33 Assorted 114" Bits, Screwdriver, Hex &Torx
Combination Spanners:
Metric: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm
A/F: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"
Hex Key Set - Long Ball Type: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm
Screwdrivers:
Slotted 5x100mm, 6x150mm ,1x100mm, 2x150mm
178mm Combination Pliers
152mm Diagonal Cutting Pliers
152mm Long Nose Pliers
Adjustable Wrench: 300mm

They shall mention the relevant BIS/EN/DIN/UL/CE certification of the product offered

Bidder will be must submit authorization certificate catalog and sample.**Branding Name (Log) -** As per department required size.

Sd/-
Director
Director of Aviation
Govt. of Chhattisgarh

निविदा प्रपत्र
(कम्पनी के लेटर हेड में)

प्रेषक

(निविदाकार का नाम तथा पता)

_____
_____

प्रति,
_____
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महोदय,

छत्तीसगढ़ राज्य विमानन संचालनालय द्वारा जारी निविदा क्रमांक ..... .दिनांक .....के संदर्भ में निहित प्रपत्र–ब में निविदा सूचना में लिखित निर्बंधनों तथा शर्तों पर निम्नांकित वस्तुओं के लिए अपनी निविदा/ निविदाएं प्रस्तुत करता हूं । निविदा के शर्तानुसार रूपये———— की आवश्यक प्रतिभूति राशि संलग्न है –

क्र	सामग्री का नाम	मात्रा	दर	कर	कुल दर	रिमार्क

01– हम विश्वास दिलाते हैं, कि प्रदाय आदेश (वर्क ऑर्डर) जारी दिनांक के 20 दिवस के भीतर सामग्री, प्रदाय कर देगें ।

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

संलग्न :– आयकर/जीएसटी तथा अन्य वांछित प्रमाण–पत्र।

निविदाकार के हस्ताक्षर