



भारतीय विमानपत्तन प्राधिकरण

बिरसा मुण्डा विमानपत्तन, राँची - 834002

AIRPORTS AUTHORITY OF INDIA

BIRSA MUNDA AIRPORT, RANCHI - 834002

Ref: AAI/RC/SM(Engg.-E)/WO-02/ FA&FF SYSTEM/2025-26/ 38-45

Date : 12.06.2025

सेवा में,	To,
मेर्सस वॉयड फायर कंसल्टेंट, 5बी/2, प्रथम तल, तिलक नागा, नई दिल्ली-110018 ईमेल: info@voidfire.co.in	M/s Void Fire Consultant, 5B/2, First Floor, Tilak Naga, New Delhi-110018 Email: info@voidfire.co.in

विषय : बिरसा मुंडा हवाई अड्डे, राँची के मौजूदा टर्मिनल भवन का पुनर्निर्माण। उपशीर्ष : फायर अलार्म और अग्निशमन प्रणाली।

Subject : Reconfiguration of existing Terminal Building at B.M. Airport Ranchi. SH:- Fire Alarm and Fire Fighting System.

संदर्भ : (i) CPP Portal Bid No: 2025_AAI_233035_1
(ii) Your Price Bid on CPP portal – 22.05.2025

महोदय,

1. उपर्युक्त कार्य हेतु आपकी निविदा अध्यक्ष, भा0वि0प्रा0 की ओर से एतद्वारा इस आधार पर स्वीकार की जाती है कि आपके द्वारा उद्धृत आइटम दरों पर कुल योग, रु. 54,97,892.00 (चौवन लाख सत्तानवे हजार आठ सौ बानबे रुपये मात्र) जी.एस.टी. को छोड़कर जो कि 6% अनुमानित दर रु. 58,49,025.00 (अनठावन लाख उनचास हजार पचीस रुपये मात्र) से कम है।

Your tender for the work mentioned above hereby accepted on behalf of the Chairman, AAI, at the item rates quoted by you totaling to **Rs. 54,97,892.00 (Fifty Four Lakhs Ninety Seven Thousand Eight Hundred and Ninety Two Only)** excluding GST which is 6% below from the estimate cost put in tender **Rs. 58,49,025.00 (Rupees Fifty Eight Lakhs Forty Nine Thousand and Twenty Five Only).**

2. कृपया ध्यान दें कि कार्य को पूरा करने के लिए अनुमत समय (07) सात महीने का है, जिसकी गिनती इस पत्र के जारी होने के दसवें दिन के बाद से शुरू हो जाएगी।

Please note that the time allowed for carrying out the work is (07) Seven Months, which shall be reckoned after 10 days from the date of issue of this letter.

3. अनुबंध दस्तावेजों के ई.एन.आई.टी.-02 के अनुसार बयाना राशि आपकी निविदा के साथ प्राप्त रु. 1,75,471.00 (एक लाख पचहत्तर हजार चार सौ एकहत्तर रुपये मात्र) को सुरक्षा जमा के हिस्से के रूप में परिवर्तित कर दिया गया है कृपया रु. 3,74,318.00 (तीन लाख चौहत्तर हजार तीन सौ अठारह रुपये मात्र) जमानत राशि के रूप में इस पत्र के जारी होने की तिथि से 15 दिनों के भीतर जमा करा दें, ऐसा न करने पर शर्त के अनुसार आपके चल रहे बिलों से कटौती की जाएगी। 1(ए) अनुबंध दस्तावेजों के पेज जीसीसी-16 पर।

As per eNIT-02 of the contract documents, Earnest Money amount of **Rs. 1,75,471.00 (Rupees One Lakh Seventy Five Thousand Four Hundred and Seventy One Only)** received along with your tender has been converted as part of security deposit. Please deposit **Rs. 3,74,318.00 (Rupees Three Lakhs Seventy Four Thousand Three Hundred and Eighteen Only)** towards security deposit within 15 days from the date of issuing of this letter, failing which, the same will be deducted from your running bills as per condition 1(A) on page GCC-16 of the contract documents.

4. वरिष्ठ प्रबंधक (अभि.-विद्युत), भा0वि0प्रा0 बिरसा मुण्डा हवाई अड्डा राँची कार्य के प्रभारी अभियंता होंगे। आप कृपया अपने प्राधिकृत एवं संविदा-करार पर हस्ताक्षर करने में सक्षम प्रतिनिधि को हस्ताक्षर एवं करार पूरा करने हेतु वरिष्ठ प्रबंधक(अभि.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, बिरसा मुण्डा हवाई अड्डा, राँची के कार्यालय में 27.06.2025 तक भेजे। संविदा करार आप द्वारा उपलब्ध कराए गए 100/- रु (सौ रुपया) के गैर अदालती पक्के कागज पर सम्पादित किया जाएगा।

टेली फेक्स : 0651 - 2252042 (का), दुरभाष : 0651 - 2250107

Tele Fax: 0651-2252042(O) Telephone: 0651 - 2250107

रिश्तु कुमार / Rishu Kumar
वरिष्ठ प्रबंधक (अभि.-विद्युत) / Senior Engineer (Elect.)
भारतीय विमानपत्तन प्राधिकरण
बिरसा मुण्डा हवाई अड्डा, राँची - 834002



भारतीय विमानपत्तन प्राधिकरण

बिरसा मुण्डा विमानपत्तन, राँची - 834002

AIRPORTS AUTHORITY OF INDIA

BIRSA MUNDA AIRPORT, RANCHI - 834002

Sr.Manager (Engg.-E), AAI, BM Airport, Ranchi, shall be the Engineer-in-charge of the work. You are requested to depute your accredited representative empowered to sign the contract agreement on your behalf to attend the office of Sr.Manager (Egg.-E), Airports Authority of India, BM Airport, Ranchi by **27.06.2025** to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- and cost of the stamp paper shall be borne by you.

5. आपसे अनुरोध है कि आप संविदा श्रम (नियमन व समापन) अधिनियम-1970 के प्रावधानों तथा संविदा श्रम (नियमन व समापन) केन्द्रीय नियम, 1971, एवं केन्द्र व राज्य सरकारों के तत्सम्बन्धी न्यूनतम मजदूरी अधिनियम व नियमों का पालन करें। You are requested to comply with the provisions of Contract Labour (Regulation & Abolition) Act. of 1970 and Contract Labour (Regulation & Abolition) Central Rules-1971 & Minimum Wages Act., & rules thereof of Central and State Governments.

6. आपकी निविदा एवं इस कार्य के संदर्भ में उल्लिखित पत्र, इस अवार्ड पत्र सहित करार का हिस्सा होंगे। कृपया नोट करें कि दोष दायित्व अवधि (12) बारह महीने होगी।

Your tender mentioned above under the reference for this work shall form part of the agreement along with this awarded letter. Please note that the defect liability period shall be (12) Twelve Months with effect from actual date of completion.

7. भविष्य में संविदा से संबंधित कोई भी पत्राचार वरिष्ठ प्रबंधक(अभि.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, बिरसा मुण्डा हवाई अड्डा, राँची से किया जाए। Any further correspondence in connection with the contract shall normally be addressed to the SM (Engg.-E), BM Airport, Ranchi.

8. अन्य सभी नियम और शर्तें एनआईटी के अनुसार होंगी। Rest all other Terms & Condition shall be as per NIT.

9. कृपया पावती भेजें। Please acknowledge the receipt of the same.

धन्यवाद/Thanking you,

Encl: 1.Schedule of Quantity Annexure-I – 07 pages

भवदीय,
रिजेंड्रू ठकुर 13/06/25
वरिष्ठ प्रबंधक (अभि-वि०)
अध्यक्ष की ओर से
भा०वि०प्रा०,बि०मु०एयरपोर्ट
राँची-834 002 (Elect.)
भारतीय विमानपत्तन प्राधिकरण
बिरसा मुण्डा हवाई अड्डा, राँची - 834002
Airports Authority of India
Bira Munda Airport, Ranchi - 834002

AIRPORTS AUTHORITY OF INDIA
B. M. AIRPORT, RANCHI
SCHEDULE OF QUANTITY

Name of work: Reconfiguration of existing Terminal Building at B.M. Airport Ranchi. SH:- Fire Alarm and Fire Fighting System.

Item No.	Description of item	Qty.	Unit	RATE (Rs.)	AMOUNT (Rs.)
1	Designing of Fire detection and alarm system, wet riser and sprinkler System for the reconfiguration of Terminal building including preparation and submission of shop drawings, as-built drawings submission of NOC from state fire department / regulatory authority etc. as per latest IS and NBC standards.	1	Job	50000.00	50000.00
2	Supplying, installation, testing and commissioning of two loop micro processor based intelligent addressable fire alarm panel, central processing unit with the following loop modules and capable of supporting not less than 240 devices (including detectors) and minimum 120 detectors per loop and loop length up to 2 km, network communication card, minimum 320 character graphics/ LCD display with touch screen or other keypad and minimum 4000 events history log in the non volatile memory (EPROM), power supply unit (230 $\pm$ 5% V, 50 hz), 48 hrs back-up with 24 volt sealed maintenance free batteries with automatic charger. The panel shall have facility to connect printer to printout log and facility to have seamless integration with analog/digital voice evacuation system (which is part of the schedule of work under SH: PA System) and shall be complete with all accessories .The panel shall be compatible for BMS system with open protocol BACnet/ Modbus over IP complete as per specification etc as required.	1	Job	300000.00	300000.00

रिजेंद्र कुमार / Rijendra Kumar
 Sr. Manager (Engg.- Elect.)
 Airports Authority of India
 B. M. Airport, Ranchi - 834002
 30/11/2022
 SM/EE

Item No.	Description of item	Qty.	Unit	RATE (Rs.)	AMOUNT (Rs.)
3	Supply, Installation, Testing & commissioning of UL / EN listed intelligent addressable multi criteria detector with inbuilt fault isolator / isolator base with visible LED suitable for 2 wires loop connection, complete with plug into common separate base & housing complete with connections etc. and to be fixed below / above false ceiling roof and concealed space with necessary support complete as required and as per direction of Engineer in charge.	78	Nos.	2550.00	198900.00
4	Supply, Installation, Testing & commissioning of UL / EN listed intelligent addressable Manual call station suitable for semi flush mounting, IP 54, with inbuilt fault isolator / isolator module including the word Fire appearing on the front with connections etc. complete as required and as per direction of Engineer in charge.	5	Nos.	3902.00	19510.00
5	Supply, installation, testing and commissioning of UL / EN listed addressable Hooter-cum-strobe with inbuilt fault isolator / isolator module with adjustable sound level complete with termination etc. and to be fixed at wall/ surface etc. complete as required and as per direction of Engineer in charge.	5	Nos.	5393.00	26965.00
6	Supplying, installation, testing & commissioning of UL / EN listed Response Indicator i/c Mounting Boxes installed on surface/ recessed having two LED complete with all connections with termination/ connection etc. and to be fixed at wall/ surface etc. complete as required and as per direction of Engineer in charge.	32	Nos.	367.00	11744.00
7	Providing, installation, testing & commissioning of UL / EN listed addressable Monitor Module (input module) complete with connection/ interconnection etc complete as required and as per direction of Engineer in charge.	5	Nos.	3270.00	16350.00
8	Providing, installation, testing & commissioning of UL / EN listed addressable Control Module / Relay Module (output module) complete with connection/ interconnection etc complete as required and as per direction of Engineer in charge.	5	Nos.	3270.00	16350.00

Handwritten signature/initials
SMEB

Item No.	Description of item	Qty.	Unit	RATE (Rs.)	AMOUNT (Rs.)
9	Supplying of 2Cx1.5 sqmm fire survival armoured cable, 600/1000V rated with annealed copper conductor having glass mica fire barrier tape covered by XLPE Insulation and LSZH inner bedding, steel wire armouring & LSZH outer sheath etc complete as required and as per direction of Engineer in charge.	3000	Mtr.	230.00	690000.00
10	Laying of 2Cx1.5 sqmm fire survival armoured cable, 600/1000V rated in the existing surface / wall with suitable GI saddle complete as required and as per direction of Engineer in charge.	3000	Mtr.	46.00	138000.00
11	Supply and fixing of metal junction box for mounting of detectors / devices complete with connections etc. as required and as per direction of Engineer in charge.	78	Nos.	122.00	9516.00
12	Providing, fixing, testing & commissioning of 15mm dia size suitable for sustaining the seat & water hammer effect, quartzoid bulb type sprinklers (UL, FM approved) of rating 68 degree centigrade with required accessories :				
(i)	Side wall Sprinkler	5	Each	474.00	2370.00
(ii)	Horizontal side wall sprinkler	10	Each	390.00	3900.00
(iii)	Concealed sprinkler	50	Each	995.00	49750.00
(iv)	Upright Sprinkler	50	Each	390.00	19500.00
13	Supplying, installation, testing & commissioning of sprinkler flexible pipe (UL Listed) of stainless steel complete with 15 NPT on reducer thread with maximum working pressure of 175 PSI test pressure of 875 PSI (Burst) with branch line (Inlet) 25mm NPT male thread to sprinkler head (Outlet) 15mm NPT female thread with reducer, nipple, 2 side brackets, center bracket, stockbar of following sizes complete as required. a)1200 mm	50	Set	864.00	43200.00

रिजेंद्र कुमार / Rijendra Kumar
 Sr. Manager (Engg. - Elect.)
 बिर्सा मुन्दा हवाई अड्डा / Birsa Munda Airport
 14002 / Birsa Munda Airport
 234302

Item No.	Description of item	Qty.	Unit	RATE (Rs.)	AMOUNT (Rs.)
14	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required:				
(i)	25 mm dia	200	Mtrs.	380.00	76000.00
(ii)	32 mm dia	100	Mtrs.	496.00	49600.00
(iii)	40 mm dia	100	Mtrs.	727.00	72700.00
(iv)	50 mm dia	150	Mtrs.	780.00	117000.00
(v)	65 mm dia	150	Mtrs.	996.00	149400.00
(vi)	80 mm dia	250	Mtrs.	1102.00	275500.00
(vii)	100 mm dia	220	Mtrs.	1570.00	345400.00
(viii)	150 mm dia	870	Mtrs.	2355.00	2048850.00
15	Supplying, fixing, testing and commissioning of butterfly valve of PN 1.6 rating with bronze/gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required :				
(i)	80 mm dia	10	Nos.	3666.00	36660.00
(ii)	100 mm dia	10	Nos.	4833.00	48330.00
(iii)	150 mm dia	5	Nos.	6932.00	34660.00

Signature
SM (G-2)
 Member (Engg- Elect.)
 Airport Authority India
 New Delhi - 110022

Item No.	Description of item	Qty.	Unit	RATE (Rs.)	AMOUNT (Rs.)
16	Providing, installation, testing and commissioning of CI dual plate non return valve PN 16 of following sizes confirming to complete with rubber gasket, GI bolt, nuts, washers etc. as required.				
(i)	100 mm dia	3	Nos.	5050.00	15150.00
(ii)	150 mm dia	3	Nos.	8268.00	24804.00
17	Providing & fixing of Stainless Steel double flange suction " Y" type strainer fabricated out of minimum 1.2 mm thick Stainless Steel sheet with 3 mm dia. perforation holes including nuts, bolts and 3 mm thick rubber insertion complete & tested to 16 Kg/Sq.cm pressure complete as required and as per enclosed specification. 150 mm dia.	4	Nos.	14936.00	59744.00
18	Providing & fixing of 25mm dia. gunmetal air release valve with all fittings and forged ball valve on header complete as required and as per enclosed specification.	4	Nos.	1071.00	4284.00
19	Providing & fixing of installation control valve (Sprinkler Alarm Valve) of Cast iron body and bronze working parts comprising of water motor alarm, bronze seat clapper and clapper arm, hydraulically driven mechanical gong bell to sound continuous alarm when the Wet riser/Sprinkler system activates, pressure gauges, emergency releases ,strainer, pressure switch, cock valve complete with drain valve and bypass, test control box,ball valves, flanges, orifice plate, fittings, gasket etc.suitable for 150 mm diameter pipe size complete as required as per enclosed specification.	1	Nos.	56600.00	56600.00
20	Supplying and fixing single headed internal hydrant valve with instantaneous Gunmetal/Stainless Steel coupling of 63 mm dia with cast iron wheel ISI marked conforming to IS 5290 (Type -A) with blank Gunmetal/Stainless Steel cap and chain as required :Single headed.Gunmetal	4	Nos.	12087.00	48348.00

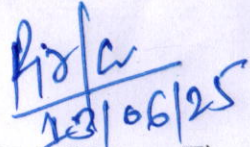
रिजेंद्र कुमार / Rijendra Kumar
 (विद्युत) / Sr. Manager (Engg. - Elect.)
 विद्युत प्रभाग / विद्युत प्रधिकरण / Airports Authority of India
 बिरसा मुन्दा हवाई अड्डा - 834002 Birsa Munda Airport, Ranchi - 834002

Item No.	Description of item	Qty.	Unit	RATE (Rs.)	AMOUNT (Rs.)
21	Supplying & fixing 63 mm dia gun metal short branch pipe with 20 mm nominal internal diameter size nozzle conforming to IS 903 suitable for instantaneous connection to interconnect hose pipe coupling as required :Gun metal	4	Nos.	3366.00	13464.00
22	Supplying and fixing 63 mm dia, 15 m long RRL hose pipe with 63 mm dia male and female couplings duly bound with GI wire, rivets etc. conforming to IS 636 (type-A) as required :Gun Metal	8	Nos.	5585.00	44680.00
23	Supplying and fixing of Double door MS hose cabinet of size not less than 0.9 x 0.6 x 0.5 mtr made out of MS sheet 2mm thick suitable to accommodate hydrant with valve, 2 nos 15mtr. long hose pipe, 1 no. branch pipe, etc having central opening and 6 mm thick glazed glass doors (02 nos) suitably marked on the outside with the letter "FIRE" i/c necessary locking arrangement, mounting legs / concrete pedestal and duly painted with one coat of primer and two coats of synthetic enamel paint of post office red shade complete as required.	4	Nos.	10710.00	42840.00
24	Supply, installation , testing and commissioning of pressure gauge of 150 mm dia with syphon tubing, mounting accessories, 0-21 kg/ sq.cm range with 15 mm dia stop cock valve, piping etc as required.	4	Nos.	2127.00	8508.00
25	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.	10	Cum	2295.00	22950.00
26	Cutting of existing MS pipe (upto 150 mm dia) for testing and connecting temporary dummy joint in the existing fire hydrant line various location at terminal building and rejoining MS pipe with the help of Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. as required and as per direction of Engineer in charge.	5	Job	23715.00	118575.00
27	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:2:4 (1 Cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	10	Cum	11169.00	111690.00

Item No.	Description of item	Qty.	Unit	RATE (Rs.)	AMOUNT (Rs.)
28	Dismantaling the existing MS pipe (upto 150 mm dia) & stored at AAI store as per direction of EIC.	50	Mtrs.	398.00	19900.00
29	Providing and fixing reinforced neoprene rubber vibration eliminators/expansion joints (to provide relief from stresses at pipe flanges) suitable for upto 20 kg/cm2 pressure, complete as per specification.				
(i)	150mm dia.	2	Each	15600.00	31200.00
(ii)	100mm dia.	2	Each	12500.00	25000.00
Total Rs.					5497892.00

Note: Rate is Comprehensive and excluding of GST.

Say Rs. 54,97,892.00 (Fifty Four Lakhs Ninety Seven Thousand Eight Hundred and Ninety Two Only)


 23/06/25
 SM (Engg-E)
 AAI, B.M. Airport, Ranchi
 विमान प्रबंधक (अभि.- विद्युत) / Sr. Manager (Engg.- Elect.)
 भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India
 बिरसा मुण्डा हवाई अड्डा, राँची - 834002 / Birsa Munda Airport, Ranchi - 834002