



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

सं:भा.वि.प्रा./जम्मू/अभि(वि/आईपीएसएस/खवल्-08/2023-24/61

दिनांक:24.07.2023

No.AAI/JMU/Elect-E/IPSS/W-08/2023-24/61

Date: 24.07.2023

सेवा मे,
मेसर्स स्पेसनेट इंटरनेट सर्विसेज प्रा.लिमिटेड,
509, जैना टॉवर-प्रथम, जिला-केंद्र, जनकपुरी,
नई दिल्ली-110058

To,
M/s Spacenet Internet Services Pvt. Ltd.,
509, Jaina Tower-1st, Distt-Centre, Janakpuri,
New Delhi-110058.

कार्य का नाम : सप्लाई, इन्स्टालेशन, टेस्टिंग एंड कमीशनिंग ऑफ इंटीग्रेटेड पेरीमिटर सेक्युरिटी सिस्टम (आईपीएसएस) एट जम्मू एयरपोर्ट।

Name of work Supply, Installation, Testing and Commissioning of Integrated Perimeter Security System (IPSS) at Jammu Airport.

संदर्भ: 1. Tender ID No.: 2023_AAI_151951

महोदय

- 1 उपर उल्लेखित कार्य हेतु आपकी निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से जाता है आपके द्वारा बताए गये मद पर आपकी राशि कुल रु **2,14,11,562.00** (रुंदो करोड़ चौदह लाख ग्यारह हजार पाँच सौ बासठ मात्र) जी.एस.टी रहित है जो कि टेन्डर की अनुमानित लागत राशि रु **2,18,76,470.00** से **-2.1%** कम स्वीकृत किया जाता है।

Your tender for the work mentioned above is here by accepted on behalf of the Chairman Airports Authority of India at the item rates quoted for a sum totaling to Rs. **2,14,11,562.00 (Rupees Two Crore Fourteen Lakhs Eleven Thousand Five Hundreded Sixty Two only)** excluding GST which is **-2.1% (Below)** the Estimated cost put to tender of Rs. **2,18,76,470.00**.

- 2 सहायक महाप्रबंधक (इंजी-विद्युत), जम्मू विमानक्षेत्र कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप आपकी ओर से एक विश्वासनीय प्रतिनिधि प्रतिनियुक्त करें जो करारनामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक: **08.08.2023** तक सहायक महाप्रबंधक (इंजी-विद्युत), जम्मू हवाईअड्डा के कार्यालय में उपस्थित हो तथा करारनामे को पूरा करें। ठेके का करारनामा रु **100/-** के नोनज्युडिशियल स्टैम्प पेपर पर निष्पादित किया जाएगा तथा पेपर का खर्च आपके द्वारा उठाया जायेगा।

The A.G.M. (Engg-E), AAI, CA, Jammu shall be Engineer-in-Charge of the work. You are requested to depute your accredited representative, empowered to sign the contract agreement on your behalf and attend the office of the Asstt. G.M, by dt: **08.08.2023** to sign and complete the agreement. The contract agreement shall be executed on a non judicial stamp paper of value **Rs.100/-** and the cost of stamp paper shall be borne by you.

3. आपके टेन्डर की साथ धरोहर राशि रु **4,37,529.00** (रु० चार लाख सैंतीस हजार पाँच सौ उनतीस मात्र) को जीसीसी खंड संख्या. 1 A पृष्ठ 17 पर दी गई शर्त के अनुसार जमानत राशि में परिवर्तन कर दी गई है। कृपया इस पत्र के जारी होने की तिथी से 15 दिनों के अंदर जमानत राशि बकाया रु **17,03,627.00** (रु० सत्रह लाख तीन हजार छह सौ सत्ताईस मात्र) जमा करे अन्यथा ठेके के दस्तावेज से अनुसार आपके रनिंग/अंतिम बिल से वसूली की जायेगा।

The earnest money amount **Rs. 4,37,529.00 (Four Lakhs Thirty Seven Thousand Five Hundreded Twenty Nine only)** received along with your tender has been converted as part of security deposit as per GCC clause no. 1 A on page 17 of bid documents. Please deposit **Rs. 17,03,627.00 (Rupees Seventeen Lakhs Three Thousand Six Hundered Twenty Seven only)** toward security deposit



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

within 15 days from the date of issue of this letter, failing which the same will be deducted from your running /Final bill.

- 4 आपसे निवेदन है कि केन्द्रीय और राज्य सरकारों के 1970 के अधिनियम अनुबंध श्रम नियम तथा 1971 के केन्द्रीय नियम अनुबंध श्रम नियम (नियमन तथा उन्मूलन) एवं केंद्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के प्रावधानों का अनुपालन करें।

You are requested to comply with the provision of Contract Labour (Regulation & Abolition) Act of 1970 and Contract Labour (Regulation & Abolition) Central rules 1971 and Minimum wages Act & Rules of Central and State Government with upto date amendments.

5. आपको निर्देश दिया जाता है आप तुरंत प्रबन्धक (इंजी-विद्युत), जम्मू विमानक्षेत्र से मिले वह आपको कार्य स्थल सौंपने की व्यवस्था करेंगे। कृपया नोट कर लें कि काम करने का अनुमानित समय 04 माह है जो की कार्य आदेश जारी होने के 10वे दिन से गिना जाएगा।

You are also directed to contact the Manager (Engg-E), Jammu Airport immediately to take over the site. Please note that time period for this work shall be 04 Months and which shall be reckoned from 10th Day of issue of work Order.

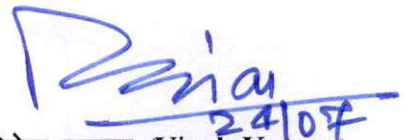
- 6 इस ठेके के सम्बन्ध में आगे का कोई भी पत्राचार सहायक महाप्रबंधक (इंजी-विद्युत), जम्मू विमानक्षेत्र के पते पर किया जाए।

Any further correspondence with reference to this contract should normally be addressed to the AGM (Engg-E)AAI, Civil Airport Jammu.

- 7 ठेक दस्तावेज के पृष्ठ 131 पर अनुसूची 'ई' में उल्लिखित त्रुटि दायित्व अवधि 01 वर्ष होगी जो की कार्य समाप्त दिनांक से गिना जाएगा।

The defect liability period mentioned in Schedule 'E' on page 131 of the contract document is 01 year after the completion of work.

- कार्य की अनुसूची संलग्न है/Schedule of quantity is attached.
- कृपया पावती भेजे/Please acknowledge the receipt.


(विवेक कटारा /Vivek Katara)

सहायक महाप्रबंधक(इंजी-विद्युत)/ Asst Gen.Mgr(Engg-Elect)

जम्मू विमानक्षेत्र /CA, Jammu

कृते एवं अध्यक्ष भा0वि0प्रा0 की ओर से / On behalf of Chairman, A.A.I.

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Validate

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Help

Item Rate BoQ

Tender Inviting Authority: Airports Authority of India, Jammu Airport, Jammu

Name of Work: Supply, Installation, Testing and commissioning of Integrated Perimeter Security System (IPSS) at Jammu Airport.

Tender ID: 2023_AAI_151951

Name of the Bidder/ Bidding Firm / Company :	Spacenet Internet Services Pvt Ltd					
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	UNIT RATE without GST In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT Without GST in Rs. P	TOTAL AMOUNT In Words without GST
1	SH(I): CCTV Surveillance System Supply, installation, testing & commissioning of 5 MP outdoor Box Camera with suitable lens for 100 meters clear vision or above and with Housing, mounting arrangement, liscence etc. including all the accessories complete as required as per specifications.	20.00	No.	112027.00	2240540.00	INR Twenty Two Lakh Forty Thousand Five Hundred & Forty Only
2	Supply, installation, testing & commissioning of IR Illuminator suitable for 100 meters or above with Housing, mounting arrangement, licence etc including all the accessories complete as required as per specifications.	20.00	No.	23125.00	462500.00	INR Four Lakh Sixty Two Thousand Five Hundred Only
3	Supply, installation, testing & commissioning of 5MP Indoor IR Dome Network Camera with Fix Lens for 30 meters or above for covered spaces control room, with Housing, mounting arrangement, liscence etc including all the accessories complete as required etc. as per specifications.	2.00	No.	26744.00	53488.00	INR Fifty Three Thousand Four Hundred & Eighty Eight Only
4	Supply, installation, testing & commissioning of 2MP 37X Outdoor IR PTZ Network IP Camera with Housing, mounting arrangement, licence etc including all the accessories complete as required as per specifications.	10.00	No.	275884.00	2758840.00	INR Twenty Seven Lakh Fifty Eight Thousand Eight Hundred & Forty Only
5	Supply, installation, testing & commissioning of 32CH NVR etc. as per specifications.	1.00	No.	511846.00	511846.00	INR Five Lakh Eleven Thousand Eight Hundred & Forty Six Only
6	Supply, installation, testing & commissioning of suitable Xeon or Better processor based server for recording etc as per specifications complete as required.	1.00	No.	225000.00	225000.00	INR Two Lakh Twenty Five Thousand Only
7	Supply, installation, testing & commissioning of Video Management Software for Minimum 40 channels including lifetime licence as per specifications etc complete as required.	1.00	No.	419378.00	419378.00	INR Four Lakh Nineteen Thousand Three Hundred & Seventy Eight Only
8	Supply, installation, testing & commissioning of i7 core or Better processor based workstation for monotoring etc. as per specifications.	1.00	No.	187500.00	187500.00	INR One Lakh Eighty Seven Thousand Five Hundred Only
9	Supply, installation, testing & commissioning of 8 TB audio video Hard Disk for server & NVR etc. as per specifications.	14.00	No.	21591.00	302274.00	INR Three Lakh Two Thousand Two Hundred & Seventy Four Only
10	Supply, installation, testing & commissioning of Commercial Grade 50" or better LED suitable for 24X7 Monitoring etc. as per specifications.	3.00	No.	65455.00	196365.00	INR One Lakh Ninety Six Thousand Three Hundred & Sixty Five Only
11	Supply, installation, testing & commissioning of 8-Port Redundant Ring Gigabite Ethernet Switch with PoE+ Source With 2 SFP ports and Fiber Module as per specifications complete as required.	12.00	No.	30000.00	360000.00	INR Three Lakh Sixty Thousand Only

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12	Supply of single mode, 12 core with outer jacket PVC with Aluminium Armoured, Outdoor OFC Cable complete as per specifications.	2300.00	Mtr	100.00	230000.00	INR Two Lakh Thirty Thousand Only
13	Supply of CAT 6 (UTP) armoured Cable as per specifications.	800.00	Mtr	92.00	73600.00	INR Seventy Three Thousand Six Hundred Only
14	Supply of multi core round PVC insulated PVC sheathed Copper Conductor Armoured (FR) LT Power Cable, 1100 Volts grade conforming to IS 7098-Part-I(1988) as per approved make list. a) 3 Core X 4.0 sq. mm	2000.00	Mtr	338.00	676000.00	INR Six Lakh Seventy Six Thousand Only
15	Supply of hot dip galvanized octagonal poles with 130 mm Bottom dia, 70 mm top dia, 3 mm thick, base plate of size 200x200x12 mm, Top Covered with welded cap etc. complete as required as per EIC for the following Heights. a) 6 Mtr.	10.00	No.	19091.00	190910.00	INR One Lakh Ninety Thousand Nine Hundred & Ten Only
16	Installation of galvanized octagonal pole with 04 nos foundation bolts of M20x700mm long J type EN 8 grade with 1:2.4 Cement concrete(0.55x0.55x1.05) to the required depth as per special conditions (1:cement :2coarse sand: 4graded stone aggregate 20mm nominal size) and necessary base concrete of 1:5:10 for 100mm thickness below the pole (1:cement : 5 fine sand : 10graded stone aggregate 40mm nominal size) suitable finishing on surface above the ground level etc complete as required.	10.00	Job	13295.00	132950.00	INR One Lakh Thirty Two Thousand Nine Hundred & Fifty Only
17	Supply, installation, testing & commissioning of Suitable size M.S. Weather Proof duly painted in approved colour Outdoor Boxes IP57 as per IS:2147 with mounting arrangement, Lockable arrangement & Locks complete as per site requirement and specifications.	10.00	No.	7500.00	75000.00	INR Seventy Five Thousand Only
18	Supply, installation, testing & commissioning of suitable Networking Racks with Accessories for hosting NVR complete as per requirement and specifications.	1.00	No.	8182.00	8182.00	INR Eight Thousand One Hundred & Eighty Two Only
19	Supply, installation, testing & commissioning of 3KVA UPS 230V, Single phase, 50Hz with SMF batteries for 60 minutes backup with complete accessories as per technical specifications and approved make.	2.00	Set	81250.00	162500.00	INR One Lakh Sixty Two Thousand Five Hundred Only
20	Supply, installation, testing & commissioning of Power Surge Protector Single Phase Class B type 25KA L-N & 50 KA N-G at 10/350 micro sec.pulse complete all accessories as per technical specifications and approved make.	2.00	Set	4375.00	8750.00	INR Eight Thousand Seven Hundred & Fifty Only
21	Supply, installation, testing & commissioning of Lightning conductor finial for outdoor Camera made with GI tube 300 mm long, 25 mm dia with pointed tip with proper mounting arrangement 85 mm dia 6mm thick GI base plates including holes etc as per technical specifications complete as required.	10.00	Set	4750.00	47500.00	INR Forty Seven Thousand Five Hundred Only
22	Providing and fixing 25 mm x 3 mm GI strip on surface or in recess for connections with clamping etc as required.	200.00	Mtr	145.00	29000.00	INR Twenty Nine Thousand Only
23	Supplying and laying of following size HDPE pipe, PN 20 (SDR 7.4), PE-100 grade, ISI marked along with all accessories like socket, bend, couplers, tee etc. conforming to IS 4984 complete with fitting and cutting, jointing etc. direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc. complete as required. a) 32 mm dia	500.00	Mtr	327.00	163500.00	INR One Lakh Sixty Three Thousand Five Hundred Only
24	Supplying, laying and fixing of following size HDPE pipe, PN 20 (SDR 7.4), PE-100 grade, ISI marked all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. on wall surface as required. a) 32 mm dia	1500.00	Mtr	187.00	280500.00	INR Two Lakh Eighty Thousand Five Hundred Only
25	Supply, installation, testing & commissioning of Low Impedence Grounding Device with local monitoring 120kA, Single Phase complete with all accessories as per technical specifications.	2.00	No.	144000.00	288000.00	INR Two Lakh Eighty Eight Thousand Only

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Asst. G.M. (Engg.-E)

26	Supply of Earth Pits material comprising of copper bonded earth electrode 3 mtr. long and 5/8" dia. having 250 microns with termination holes & 50 Kgs. of earth enhancing compound to replace the excavated soil to retain the moisture and provide a stable environment for the earthing system including heavy duty PVC earth pit chamber with complete all accessories as per technical specifications.	10.00	Set	23045.00	230450.00	INR Two Lakh Thirty Thousand Four Hundred & Fifty Only
27	SH(II): Electrical Fence System Electrical fence Energizer complete set with Large size Enclosure, Stand, Keypad, Lightning arrestor, surge divertor, Siren, Strobe Light, Battery, TCP/IP Board with all Wiring etc. Number of Zones: 4 Zone Length: 265 meters complete with all accessories as per technical specifications as required.	2.00	Set	227550.00	455100.00	INR Four Lakh Fifty Five Thousand One Hundred Only
28	Supply of components for Electric Fence System angled SHS Post with Post cap, angle iron, GI wires, springs, wire tightners, Earth system, Conductor, Reels, Posts and stakes, Insulators, ferrules, fixtures, earth rods for post for 1050 meter fence etc. complete as required.	1.00	Set	1821541.00	1821541.00	INR Eighteen Lakh Twenty One Thousand Five Hundred & Forty One Only
29	ITC of Electrical Fence with all equipment and accessories for 1050 meter fence on the existing boundry wall complete with all accessories as per technical specifications including grouting chemical fasteners along with suitable red colour warning boards of hard non corosive material having incription as instructed.	1.00	Set	837614.00	837614.00	INR Eight Lakh Thirty Seven Thousand Six Hundred & Fourteen Only
30	Supply, installation, testing & commissioning of Perimeter Patrol Software Along with API complete with all accessories as per technical specifications complete as required.	1.00	Set	123495.00	123495.00	INR One Lakh Twenty Three Thousand Four Hundred & Ninety Five Only
31	SH(III): Hardware and Accessories Supply, installation, testing & commissioning of required Hardware and Accessories for Cameras Like Mounting, suitable Junction Box, Clamps, etc. complete with all accessories for all the items mentioned in the BOQ for satisfactory integration and operation as per technical specifications.	1.00	Lot	181636.00	181636.00	INR One Lakh Eighty One Thousand Six Hundred & Thirty Six Only
32	Supply, installation, testing & commissioning of required Hardware and Accessories for Electrical system like MCBs of suitable ratings, copper lugs, Din Rail, Power Connectors, lugs cable glands etc. complete with all accessories for all the items mentioned in the BOQ for satisfactory integration and operation as per technical as per technical specifications.	1.00	Lot	71591.00	71591.00	INR Seventy One Thousand Five Hundred & Ninety One Only
33	Supply, installation, testing & commissioning of required Hardware and Accessories for Optical Fiber system Like Fiber Pigtail, Patch Cord, connector, splicing, terminations, JC Box, etc. complete with all accessories for all the items mentioned in the BOQ for satisfactory integration and operation as per technical specifications.	1.00	Lot	75000.00	75000.00	INR Seventy Five Thousand Only
34	Installation, testing, commissioning and Integration of all the components, items mentioned in the BOQ to make a single system complete with all accessories required for satisfactory operation of the system as per technical specifications. The Cameras & Electrical fence should be integrated with the help of suitable software (has to be developed by the agency) having various required features for satisfactory operation of the system as per scope of work, specifications as instructed by AAI.	1.00	Job	591273.00	591273.00	INR Five Lakh Ninety One Thousand Two Hundred & Seventy Three Only
35	Providing and laying following dia G.I. pipe (medium class, ISI marked) direct in ground complete with G.I. fittings including trenching (75 cm deep) and re-filling and making good etc complete as required. a) 40 mm dia	200.00	Mtr	273.00	54600.00	INR Fifty Four Thousand Six Hundred Only
36	Laying of one number OFC cable, Power cable upto 1100V grade in the existing RCC/ HUME/ STONEWARE/ METAL pipe/ HDPE pipe as required.	2000.00	Mtr	87.00	174000.00	INR One Lakh Seventy Four Thousand Only

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37	SH(IV): CAMC of IPSS System Comprehensive annual maintenance contract for entire IPSS system inclusive of all spare parts to maintain the system healthy on all days inclusive of periodic maintenance as per schedule as well as breakdown maintenance as and when called or needed. The agency has to deploy Minimum manpower one Skilled (Technician) + one Unskilled (Helper) during the CAMC period at site on all days to carry out day to day maintenance and attend complaints, complete as required as instructed by Engineer inCharge. [Note: CAMC will start after one year of completion of work as for one year same are covered under defect liability period.] a) For first year	1.00	Job	1117555.00	1117555.00	INR Eleven Lakh Seventeen Thousand Five Hundred & Fifty Five Only
38	b) For Second year	1.00	Job	1263801.00	1263801.00	INR Twelve Lakh Sixty Three Thousand Eight Hundred & One Only
39	c) For Third year	1.00	Job	1421777.00	1421777.00	INR Fourteen Lakh Twenty One Thousand Seven Hundred & Seventy Seven Only
40	d) For Forth year	1.00	Job	1421777.00	1421777.00	INR Fourteen Lakh Twenty One Thousand Seven Hundred & Seventy Seven Only
41	e) For Fifth year	1.00	Job	1486229.00	1486229.00	INR Fourteen Lakh Eighty Six Thousand Two Hundred & Twenty Nine Only
Total in Figures					21411562.00	INR Two Crore Fourteen Lakh Eleven Thousand Five Hundred & Sixty Two Only
Quoted Rate in Words					INR Two Crore Fourteen Lakh Eleven Thousand Five Hundred & Sixty Two Only	



विवेक कटारा/Vivek Katara,
 सहा.महा.प्रब.(अभि.-वि.)/Asstt.G.M. Engg.-E),
 भा.वि.प्रा., विमानतल जम्मू/ AAI, CA, Jammu