



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

संदर्भ संख्या: भाविप्रा/आरपीआर/अभि.(वि)/सीडब्लू /WO-01/2025-26/1965 दिनांक: 07.01.2026
Ref. No.: AAI/RPR/ENGG (E)/CW/WO-01/2025-26/1974 Date: 07.01.2026

कार्य आदेश / WORK ORDER

सेवा में / To,

मेसर्स स्नोमेक्स इंजीनियर्स लिमिटेड,
3, जीवनदीप बिल्डींग 10, पार्लियामेंट स्ट्रीट,
न्यू दिल्ली -110001
संपर्क - +91 9811441385
ई-मेल- snowmexengineers@gmail.com

M/s Snowmex Engineers Limited,
3, Jeevandeep Bldg 10, Parliament
Street, New Delhi-110001
Contact- +91 9811441385
e-mail- snowmexengineers@gmail.com

विषय:- एस. वी. हवाई अड्डा रायपुर में एचवीएसी प्रणाली के कूलिंग टावरों का प्रतिस्थापन।

Subject:- Replacement of Cooling Towers of HVAC System at S. V. Airport, Raipur.

संदर्भ / Ref:- आपकी ई-निविदा 2025_AAI_256261_1 जो 22.12.2025 को खोली गई / Your e-tender 2025_AAI_256261_1 opened on 22.12.2025.

महोदय / Sir,

1. उल्लिखित कार्य हेतु आपके द्वारा उद्धरीत कुल **रु. 58,88,696.00 (रुपये अन्दाजन लाख अठ्यासी हजार छः सौ छयानबे मात्र)** (जी. एस. टी. रहित), जो कि न्यायोचित लागत **रु. 66,45,092.00 (रुपये छैसठ लाख पैतालीस हजार ब्यानबे मात्र)** (जी. एस. टी. रहित) की तुलना में **11.38%** कम है, को अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है,

Your offer for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totaling of **Rs. 58,88,696.00 (Rupees Fifty Eight Lakhs Eighty Eight Thousand Six Hundred and Ninety Six Only)** (excluding GST), which is **11.38% Below** Justified cost of **Rs. 66,45,092.00 (Rupees Sixty Six Lakhs Forty Five Thousand and Ninety Two Only)** (excluding GST).

2. सहा. महाप्रबंधक (अभि-वि), भाविप्रा, स्वामी विवेकानंदा हवाई अड्डा, रायपुर, उपरोक्त कार्य के प्रभारी होंगे। आपसे निवेदन है कि आप सहा. महाप्रबंधक (अभि-वि), भाविप्रा, स्वामी विवेकानंदा हवाई अड्डा, रायपुर, के कार्यालय में दिनांक **17.01.2026** तक उपस्थित रहकर हस्ताक्षर करने तथा करार की कार्यवाही पूर्ण करने का कष्ट करें। ठेका करार का निष्पादन एक सौ रुपए मूल्य के गैर अयालती स्टैम्प पेपर पर किया जाएगा तथा स्टैम्प पेपर का खर्च आपके द्वारा वहन किया जाएगा।

Asst. Gen. Manager (E-E), AAI, Swami Vivekananda Airport, Raipur, shall be the Engineer - In-charge of the work. You are requested to attend the office of AGM Engg (E) AAI, Swami Vivekananda Airport, Raipur by **17.01.2026** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- (Rupees one hundred only) and the cost of the stamp paper shall be borne by you.

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3. निविदा के साथ प्राप्त जमानत राशि **रु. 1,99,353.00 (रु. एक लाख निन्यानबे हजार तीन सौ तिरपन मात्र)** सीपीपी पोर्टल के माध्यम के वापस कर दिए जाएंगे इसलिए कृपया उपरोक्त इएमडी राशि **रु. 1,99,353.00 (रु. एक लाख निन्यानबे हजार तीन सौ तिरपन मात्र) एएआई रायपुर बैंक खाता संख्या 31846309776 और IFSC कोड SBIN0013657 (SBI)** में तुरंत जमा करें और इसे अनुबंध दस्तावेज के अनुसार धरोहर राशि के एक हिस्से के रूप में माना और परिवर्तित किया जाएगा। कृपया शेष धरोहर राशि **रु. 3,89,517.00 (रु. तीन लाख नवासी हजार पांच सौ सत्रह मात्र)** इस पत्र के जारी होने की तारीख से 10 दिनों के भीतर जमा करें, ऐसा न करने पर अनुबंध दस्तावेज के शर्तों के अनुसार चालू बिलों से इसकी कटौती की जाएगी।

The earnest money amount to **Rs. 1,99,353.00 (Rupees One Lakh Ninety Nine Thousand Three Hundred and Fifty Three only)** received along with your tender will be refunded through CPP portal, hence kindly immediately deposit the above EMD amount of **Rs. 1,99,353.00 (Rupees One Lakh Ninety Nine Thousand Three Hundred and Fifty Three only)** to AAI, Raipur Bank Account no. 31846309776 and IFSC - SBIN0013657 (SBI) and it will be treated and converted as a part of security deposit as per the contract document. Please deposit balance security deposit **Rs. 3,89,517.00 (Rupees Three Lakhs Eighty Nine Thousand Five Hundred and Seventy only)** within 10 days from the date of issue of this letter, failing which the same will be deducted from running bills as per the agreement terms and condition.

4. आपसे निवेदन है कि अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम 1970 ठेका श्रम (विनियमन और उन्मूलन) केंद्रीय नियम 1971, बाल श्रम (निषेध और विनियमन) अधिनियम 1998, निर्माण श्रमिक (रोजगार का विनियमन और सेवा की शर्त) अधिनियम 1996, भवन और अन्य निर्माण श्रमिक कल्याण उपकर अधिनियम 1996 और न्यूनतम मजदूरी अधिनियम एवं केंद्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के प्रावधानों का नवीनतम संसोधन के साथ अनुपालन अवश्य करें।

You are requested to comply with the provision of Contract Labour (Regulation and Abolition) Act 1970 and Contract Labour (Regulation and Abolition) Central Rule 1971, Child Labour (Prohibition & Regulation) Act 1986, Construction Workers (Regulation of Employment and condition of Service) Act 1996, Building and Other construction Workers Welfare Cess Act 1996 and Minimum Wages act and rules thereof of Central and State Governments with upto date amendments.

5. आपको यह निर्देश दिया जाता है कि आप तुरंत **प्रबंधक (अभि-वि.)** भाविप्रा, स्वामी विवेकानंदा हवाई अड्डा, रायपुर से शीघ्र मिलें वही आपको साइट सौंपने की व्यवस्था करेंगे।

You are also directed to contact **Manager (Engg-E)**, AAI, S.V. Airport, Raipur immediately who will arrange to handover the site to you.

6. कृपया यह भी नोट कर लें कि निविदा के अनुसार कार्य निष्पादन हेतु अनुगत समय **06 (छः) महीने** है जो कि दिनांक **17.01.2026** से माना जायेगा।

Please note that the time allowed for carrying out the work shall be **06 (Six) months** and same will be reckoned from the **date 17.01.2026**.

(Handwritten signature and date)
17-01-26
Manager (E)

7. ठेके के त्रुटि दायित्व अवधि **12 महीने** है जो की कार्य समाप्ति की वास्तविक तिथी जो कि माप पुस्तिका में दर्ज है से गिना जाएगा।

The defect liability period shall be of **Twelve (12) months** from actual completion date as recorded in measurement book.

8. एएआई ने स्वयं को ट्रेड्स (TReDs) के तहत एक खरीदार के रूप में पंजीकृत किया है, इसलिए एमएसएमई विक्रेताओं को भारत सरकार की पहल ट्रेड्स (TReDs) का लाभ उठाने के लिए आरबीआई द्वारा अनुमोदित ट्रेड्स (TReDs) सेवा प्रदाताओं में से किसी एक के साथ पंजीकृत होना चाहिए।

AAI has registered itself as a buyer TReDS hence MSME vendors should have registered with any one of the RBI approved TReDS service providers to avail the benefits of TReDS, a Govt. of India initiative.

9. उपरोक्त संदर्भित सभी पत्र इस ठेके का भाग होंगे।

The letters under reference shall form part of Agreement.

10. इस ठेके से संबंधित आगे का कोई भी पत्राचार इंजीनियर-इन-चार्ज के पते पर किया जाएगा।

Any further correspondence in connection with the contract should normally be addressed to the Engineer - in- charge.

11. कृपया पावती भेजें और इस पत्र की हस्ताक्षरित प्रतिलिपी स्वीकृति के प्रतीक के तौर पर अधोहस्ताक्षरी को अवश्य भेजें।

Please acknowledge the receipt and return the duplicate copy of this letter (enclosed herewith) after signing it to the undersigned as a token of acceptance.

12. कार्यआदेश के संबंध में किसी प्रकार की टंकणीय त्रुटि/विसंगति होने पर अंग्रेजी संस्करण मान्य होगा।

With reference to this work order, if in case of any typographical mistake/discrepancy arise, the English version shall prevail.

धन्यवाद / Thanking you,

संलग्न / Encl : BOQ (04 Pages)

सहा. महाप्रबंधक (अभि.-वि) / Asst. Gen. Manager [E-E]
भा.वि.प्रा. , स्वामी विवेकानंद, हवाई अड्डा, रायपुर / AAI, S. V. Airport, Raipur
(कृते भा.वि.प्रा. अध्यक्ष एवं उनकी ओर से) / For Chairman Airports Authority of India
ई.मेल / e-mail- krishnasoni@aai.aero, elect.verp@aai.aero

प्रतिलिपि (वाहय):-

1. श्रम प्रवर्तन अधिकारी (केन्द्रीय) एल-7, डी/6, आदर्श सोसायटी, सेक्टर-1, अवन्ति विहार, रायपुर
2. क्षेत्रीय भविष्य निधि आयुक्त-1, कर्मचारी भविष्य निधि संगठन, (श्रम एवं रोजगार मंत्रालय, भारत सरकार), क्षेत्रीय कार्यालय छत्तीसगढ़, खंड-डी योजना नं. 32, इंदिरा गांधी व्यवसायीक परिसर, पन्डरी, रायपुर, (छ.ग.)

प्रतिलिपि (आन्तरिक):-

1. महाप्रबंधक (अभि.-विद्युत), पूर्वी क्षेत्र, भाविप्रा, एन.एस.सी.बी.आई. हवाई अड्डा, कोलकाता
2. उप महाप्रबंधक (सतर्कता), पूर्वी क्षेत्र, भाविप्रा, एन.एस.सी.बी.आई. हवाई अड्डा, कोलकाता

आन्तरिक वितरण:-

(सूचनार्थ)

1. विमानपत्तन निदेशक, स्वामी विवेकानन्द हवाई अड्डा, रायपुर।
2. उप महाप्रबंधक (वित्त), स्वामी विवेकानन्द हवाई अड्डा, रायपुर।
3. उप महाप्रबंधक, (अभि-सिविल), स्वामी विवेकानन्द हवाई अड्डा, रायपुर।
4. उप. महाप्रबंधक, (अभि-वि), स्वामी विवेकानन्द हवाई अड्डा, रायपुर।
5. प्रबंधक, (अभि-वि), स्वामी विवेकानन्द हवाई अड्डा, रायपुर।

सहा. महाप्रबंधक (अभि.-वि).

Asst. Gen. Manager [E-E]

भा.वि.प्रा. , स्वामी विवेकानन्द, हवाई अड्डा, रायपुर

AAI, S. V. Airport, Raipur



AIRPORTS AUTHORITY OF INDIA
ENGINEERING ELECTRICAL WING
SWAMI VIVEKANANDA AIRPORT, RAIPUR

BOQ

NAME OF WORK :- Replacement of Cooling Towers of HVAC system at S. V. Airport, Raipur.

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (INR)	AMOUNT (INR)
SH-I Electrical Works					
1	Supply, installation, testing and commissioning of FRP/ GRP (Glass reinforced polystyrene) induced draft based Single cell rectangular shape induced draft counter flow type cooling towers for airconditioning system. Each tower shall be complete with basin, casing distribution system, filling fills, hot deep galvanised (HDG) supportors, GI ladders, motor (IP55 protection) suitable for 415 ± 10% volts, 3 phase power supply, 50 Hz and high efficiency (IE-4) motor, isolators provision at cooling tower enclosed in weather proof panel, Emergency Stop Switch, sump temperature sensors complete as per specification as required. Cooling Towers system shall be selected on the basis of ambient wet bulb 82.94 degree F and actual capacity as follows: Nominal Capacity : 387.8 TR (Heat rejection - 11,61,753 kcal/hr) Water flow rate : 1218 USGPM Water temp. in : 37 °C Water temp. out : 32 °C Note: Selection of Motor shall be as per AAI approval.	Job	4	7,95,000.00	31,80,000.00
2	Supply, Installation, Testing and Commissioning of Centrifugal Split Casing Pump with bronze and corro coating factory assembled on a common base duly aligned with electric motor (efficiency IE4) for recirculation of water for the central air conditioning system. The pump motor shall be suitable for 415 ± 10% volts, 50 Hz, 3 phase power supply including base plate, vibration isolation pad, rubber expansion bellow, mechanical seals, drain connection remote start stop push buttons etc. complete as required including providing and laying in position cement concrete 1:2:4 (1 Cement : 2 Coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of pump including form work etc. as required Condenser Water Pump Motor specification as follows : Water flow rate : 1218 USGPM each Head : Minimum 20 Mtr. Pump Efficiency : Minimum 75% Note: Selection of Motor and pumps shall be as per AAI approval.	Job	4	3,25,000.00	13,00,000.00
3	Supply fixing, testing and commissioning of condenser water pipes of following sizes of MS 'C' class along with necessary clamps, vibration isolators and fittings such as bends, tees etc. but excluding valves, strainers, gauges etc. adequately supported on rigid supports duly painted/buried in ground excavation and refilling etc. as per specification and as required complete in all respect.				
a	250 mm dia MS pipes ('C' Class)	Meter	18	5,976.00	1,07,568.00
b	125 mm dia MS pipes ('C' Class)	Meter	14	50.00	700.00

Handwritten signature and date
 27.01.24
 24M (12)

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (INR)	AMOUNT (INR)
c	100 mm dia MS pipes ('C' Class)	Meter	32	1,428.00	45,696.00
d	50 mm dia MS pipes ('C' Class)	Meter	15	980.00	14,700.00
4	SITC of Cast Iron BUTTERFLY VALVE (MANUAL) with C I body SS disc nitrile sheet & O - ring & PN 16 pressure rating as specified.				
		Nos.	5	28,500.00	1,42,500.00
a	250 mm dia Valves.	Nos.	2	50.00	100.00
b	125 mm dia Valves.	Nos.	1	4,952.00	4,952.00
c	100 mm dia Valves.	Nos.	1	1,580.00	1,580.00
d	50 mm dia Valves.				
5	BALANCING VALVE WITH BUILT IN MEASURING FACILITY with C I body flanged construction with EPDM coated disc with long pitch with protected out pipe insulation & PN 16 pressure rating for chilled / hot water circulation as specified. 250 mm dia Valves.	Nos.	2	75,000.00	1,50,000.00
6	SITC of Y - STRAINER of Ductile CI Body flanged ends with stainless steel strainer for chilled / hot water circulation including insulation as specified. 250 mm dia strainers.	Nos.	2	29,510.00	59,020.00
7	Supply of 3 core X 25 Sq.mm. size of 1.1kv grade multicore aluminium conductor XLPE insulated and PVC sheathed armoured cable as per IS : 7098:1988 with upto date amendments.	Meter	350	162.00	56,700.00
8	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of size Upto 35 sq. mm (clamped with 1mm thick saddle) on wall surface as required.	Meter	350	25.00	8,750.00
9	Supplying and making end termination with brass compression gland and aluminum lugs for 3 core, 25 Sq.mm. size of PVC insulated and PVC sheathed / XLPE aluminum conductor cable of 1.1 KV grade as required.	Sets	8	1,050.00	8,400.00
10	Supplying and installing of perforated Hot Dipped Galvanised Iron cable tray cable tray of size 150 mm width X 50 mm depth X 1.6 mm thickness with perforation not more than 17.5% in convenient sections, joined with connectors, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts, etc as required.	Meter	100	510.00	51,000.00
11	Supplying and installing of perforated Hot Dipped Galvanised Iron cable tray "bends" (galvanisation not less than 50 microns) of 150 mm width X 50 mm depth X 1.6 mm thickness with perforation not more than 17.5% in convenient sections, joined with connectors, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts, etc as required.	Each	15	50.00	750.00
12	Supplying and installing of perforated Hot Dipped Galvanised Iron cable tray "Tee" (galvanisation not less than 50 microns) of 150 mm width X 50 mm depth X 1.6 mm thickness with perforation not more than 17.5% in convenient sections, joined with connectors, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts, etc as required.	Each	2	1,050.00	2,100.00

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (INR)	AMOUNT (INR)
13	Supplying and installing of perforated Hot Dipped Galvanised Iron cable tray "Cross member" (galvanisation not less than 50 microns) of 150 mm width X 50 mm depth X 1.6 mm thickness with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts, etc as required.	Each	2	1,050.00	2,100.00
14	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	Meter	100	55.00	5,500.00
15	Demolishing HVAC cooling Tower manually/ by mechanical means including stacking of metallic items and disposal of unserviceable material within 50 metres lead as per direction of Engineer - incharge.	Job	3	15,000.00	45,000.00
SH:II Civil Works				Total SH: I	51,87,116.00
16	Centering and shuttering including strutting, propping etc. and removal of form for a) I intels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	190	800.00	1,52,000.00
17	Centering and shuttering including strutting, propping etc. and removal of form for a) Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	70	800.00	56,000.00
18	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. a) Thermo-Mechanically Treated bars (Fe-500D)	Kg	3300	70.00	2,31,000.00
19	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana /Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate /retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works above plinth level Upto floor V level. a) Concrete of M25 grade with minimum cement content of 330 kg /cum.	Cum	22	7,000.00	1,54,000.00

[Signature]
07-01-26
AEMIE

S.NO.	DESCRIPTION	UNIT	QTY.	RATE (INR)	AMOUNT (INR)
20	Add for using extra cement in the items of design mix over and above the specified cement content therein.	Quintal	5	1,650.00	8,250.00
21	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	240	120.00	28,800.00
22	Drilling suitable holes in reinforced or plain cement concrete with power driven drill machine to a depth as per Drawing/manufacturer's specification in RCC beams, lintels, columns and slabs to introduce steel bars for sunshades/balconies including fixing the steel bars in position using epoxy resin anchor grout of Hilti HIT-HY 200-RV3 Adhesive anchor or equivalent approved make but excluding the cost of reinforcement, all complete as per direction of Engineer-In-Charge. From 12 mm upto and including 25 mm dia	Each	128	210.00	26,880.00
23	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - incharge	Cum	17	1,450.00	24,650.00
24	Preparation and submission of structural design/drawing for Base of Cooling Tower along with three copy of drawings, soft copy, hard copy of Design/drawings etc all complete including duly vetting from Govt Engineering College/NIT/IT.	Job	1	20,000.00	20,000.00
Total SH: II					7,01,580.00
Total Amount of Rs. (SH:I + SH:II)					58,68,696.00

(Rupees In words: Fifty Eight Lakhs Eighty Eight Thousand Six Hundred and Ninety Six Only)

Asst. Gen. Manager (Engg-E)
AAL S. V. Airport, Raipur.

Signature Not Verified

Digitally signed by KRISHNA KUMAR SONI
Date: 2026.03.06 14:28:22 IST
Location: eProcurement System for Central PSUs

