



सं. संख्या : भाविप्रा/कोल्हापूर/(अभि-वी)/पी.ए.सिस्टिम /2023-24/03/296 दिनांक: 22.05.2023

सेवा में,

में. हेनरिक कॉर्पोरेशन इंडिया प्रा. लिमिटेड,
फर्स्ट फ्लोर, A -62, डीडीए शेड, फेज-II,,
ओखला, इंडस्ट्रियल एरिया, साउथ दिल्ली,
दिल्ली - 110020

To,

M/s. Heinrich Corporation India Pvt. Ltd.,
First Floor, A-62, DDA Sheds, Phase - II,
Okhla, Industrial Area, South Delhi,
Delhi - 110020.

Name of work: "Extension of Runway with Blast pad, RESA, Taxiway Apron, GSE Area, Isolation Bay, New Domestic Terminal Building and Miscellaneous works at Kolhapur Airport."

Sh: SITC of designed based Public Address Systems at Kolhapur Airport, Kolhapur along with Comprehensive Annual Maintenance Contract for 3 years after warranty.

संदर्भ/Ref.: 1) आपका ई-टेंडर आय डी: 2023_AAI_150024_1, वित्तीय बीड दिनांक: 28.04.2023 को खोला गया |

Your e-tender ID 2023_AAI_150024_1, Financial Bid Opened on 28.04.2023.

महोदय/ Dear Sir,

- ऊपर उल्लेखित कार्य हेतु आपका टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा बताए गए मद मूल्यों पर आपकी टेंडर राशि जीएसटी रहित कुल रु. 81,43,740.00 (रुपये इक्यासी लाख तैंतालीस हजार सात सौ चालीस मात्र) है जो कि टेंडर की अनुमानित लागत राशि रु. 95,41,677.00 से 14.65% नीचे है |
- Your tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India at the item rates quoted by you Excluding GST totaling to **Rs.81,43,740.00 (Rupees Eighty-One Lakh Forty-Three Thousand Seven Hundred and Forty Only)** which is 14.65% below the estimated cost put to tender of **Rs. 95,41,677.00**
- उप महाप्रबंधक, अभि (विद्युत), भा वि प्रा, कोल्हापूर हवाई अड्डा कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप आपकी ओर से एक विश्वसनीय प्रतिनिधि नियुक्ति करें जो करारनामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक 31.05.2023 तक सहायक महाप्रबंधक, अभि(विद्युत), कोल्हापूर एयरपोर्ट के कार्यालय में उपस्थित हो तथा करारनामे को पूरा करें। ठेके का करारनामा रु. 100/- गैर न्यायिक स्टैम्प पेपर पर निष्पादित किया जाएगा तथा पेपर का खर्च आपके द्वारा उठाया जायगा |
- Dy. General Manager (Engg-E), AAI, Kolhapur Airport 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 the Asst. General Manager (Engg-E), AAI, Kolhapur Airport by 31.05.2023 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.

Contd...P/2

Bidyut Roy
22.5.23

विद्युत रॉय / Bidyut Roy

सहा. महाप्रबंधक (अभि.विद्युत)

Asst. Gen. Manager (Engg-E)

भा. वि. प्रा. कोल्हापूर हवाई अड्डा, कोल्हापूर

A. A. I. Kolhapur Airport, Kolhapur

3. आपके टेंडर के साथ प्राप्त धरोदर राशि रु. 1,90,834.00 (रुपये एक लाख नब्बे हजार आठ सौ चौतीस मात्र) ठेके के दस्तावेज़ के GCC: 16 पर दी गई शर्त 1 (ए) के अनुसार जमानत राशि में परिवर्तित कर दी गई है। कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर जमानत राशि की बकाया राशि रु. 8,14,374.00 (रु. आठ लाख चौदह हजार तीन सौ चौहत्तर मात्र) यह कार्य आदेश जारी होने की तिथि से 10 दिनों के भीतर अदा की जाए अन्यथा ठेके के दस्तावेज़ के GCC: 16 पर दी गई शर्त 1(ए) के अनुसार उक्त राशि रनिंग बिल से कटौती की जाएगी।
3. The earnest money amount of Rs. 1,90,834.00 (Rupees One Lakh Ninety Thousand Eight Hundred and Thirty-Four Only) received along with your tender will be treated and converted as part of security deposit as per clause 1(A) on page GCC-16 of tender document. Please deposit Rs. 8,14,374.00 (Rupees Eight Lakh Fourteen Thousand Three Hundred and Seventy-Four Only) towards security deposit within 10 days from the date of issue of this letter, failing which the same shall be deducted from your running bill as per condition 1(A) on GCC: page 16 of the contract document.
4. आपसे निवेदन है कि आप केंद्रीय और राज्य सरकारों 1970 के अधिनियम अनुबंध श्रम नियम तथा 1971 के केंद्रीय नियम (नियमन तथा उन्मूलन) एवं केंद्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के प्रावधान का अनुपालन करें।
4. You are requested to comply with the provisions of contract labour (Regulation and abolition) Act of 1970 and contract labour (Regulation & abolition) Central rules 1971 and minimum wages Act & rules thereof central and state Governments.
5. आपको निर्देश दिया जाता है कि आप तुरंत सहा. महाप्रबंधक (अभि-विद्युत), भाविप्रा, कोल्हापूर हवाईअड्डा से मिले वह आपको साइट सौंपने की व्यवस्था करेंगे।
5. You are also directed to Contact Asst. General Manager (Engg-E), AAI, Kolhapur Airport immediately who will arrange to hand over the site to you.
6. कृपया नोट कर लें कि काम पूर्ण करने का अवधि दो (02) माह है जोकि इस पत्र के जारी करने के बाद दसवे दिन से गिना जायगा।
6. Please note that the time allowed for carrying out the work is **Two (2) Months**, which shall be reckoned from the tenth day after the date of issue of this letter.
7. इस ठेके के संबंध में आगे का कोई भी पत्राचार उप. महाप्रबंधक (अभि-विद्युत), भाविप्रा, कोल्हापूर हवाईअड्डा के पते पर किया जाए।
7. Any further correspondence in connection with the contract should normally be addressed to the Dy. General Manager (Engg-E), AAI, Kolhapur Airport.
8. उपरोक्त संदर्भित सभी पत्र इस ठेके का भाग होंगे।
8. All the letters referred above shall form part of the contract.
9. पत्र को स्वीकार करने के पश्चात नकल प्रति पर हस्ताक्षर करके टोकन के रूप में पुनः भेज दें।
9. 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.

Contd...P/3

Bidyut Roy
22.5.23
बिद्युत रॉय / Bidyut Roy

सहा. महाप्रबंधक (अभि.विद्युत)

Asst. Gen. Manager (Engg-E)

भा. वि. प्रा. कोल्हापूर हवाई अड्डा, कोल्हापूर

A. A. I. Kolhapur Airport, Kolhapur

- 10 यदि अँग्रेजी और हिन्दी पाठ मे कोई अंतर पाया जाता है तो अँग्रेजी विवरण सही माना जाएगा।
10. If there is any discrepancy between English and Hindi then meaning derived in English will be given precedence.

धन्यवाद / Thanking You,

भवदीय / Yours faithfully,

सहा. महाप्रबंधक (अभि-विद्युत)/ Asst. General Manager (Engg-E),
कृते तथा ओर से, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण,
For and on behalf of Chairman,
Airports Authority of India.

संलग्न/Encl: Schedule of Quantity

Bidyut Roy
22.5.23
बिद्युत रॉय / Bidyut Roy
सहा. महाप्रबंधक (अभि.विद्युत)
Asst. Gen. Manager (Engg-E)
भा. वि. प्रा. कोल्हापूर हवाई अड्डा, कोल्हापूर
A. A. I. Kolhapur Airport, Kolhapur

Name of Work: Extension of runway with Blast Pad, RESA, Taxiway, Apron, GSE Area, Isolation Bay, New Domestic Terminal Building and Miscellaneous works at Kolhapur Airport.
SH: SITC of designed based Public Address Systems at Kolhapur Airport, Kolhapur along with Comprehensive Annual Maintenance Contract for 3 years after warranty.

PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant 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 #	TEXT #	NUMBER #	TEXT #
SL. No.	Item Description	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE (Excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Excluding GST	TOTAL AMOUNT In Words (Excluding GST)
1	SITC of IP based Public Address Sound Management System with dedicated hot standby (1 Main + 1 Standby) Network controller / Server EN-54 certified, Digital Audio and Control for simultaneous multi Audio channel, Pre-recorded or manual announcement broadcast, Built in Supervision and monitoring for Amplifier, loudspeaker line circuit and Microphone station, Alarm Input and Output for interfacing with existing external Fire Alarm, CCTV, Access Control or other Alarm Input, System shall have Support for multi-channel Digital Audio Inputs from Call station, multi-level of priority, support several type chime/tones/ emergency tones, the systems should allow PC based controlling to the network controller and programming. The systems shall have open interface for interfacing other services such as Fire and FID with Building Integrated service software and POE enabled L-2 Switch etc. (if required). The Text to Speech Hardware for making announcements in different languages should also be included.	1	Set	INR	900000.00	900000.00	INR Nine Lakh Only
2	SITC of PC Control GUI Software along with Desktop PC of Intel Core i7, 8GB RAM, 500 GB HDD, DVD RW, 19" LED, Mouse, Keyboard or higher configuration for complete administration of PA system, programming and monitoring of Controller, Amplifiers, Call station, zone setting, priority etc.	1	Set	INR	90200.00	90200.00	INR Ninety Thousand Two Hundred Only
3	SITC of rack-mountable hard disk/PC (as per specifications) based Music player capable of playback of common digital media like MP3 / MP4 / WMA / AVI / WMV / Div X etc., with minimum 500GB hard disk, with full function for facilities like skip / shuffle/repeat as per specification.	1	Each	INR	45000.00	45000.00	INR Forty Five Thousand Only
4	SITC of Equipment Rack for housing Central Controller, Amplifiers and Music Source, consisting of mains panel etc. as per specifications complete as required.	1	Set	INR	48260.00	48260.00	INR Forty Eight Thousand Two Hundred & Sixty Only
5	SITC of Digital Call Stations with High Quality Condenser Microphone on gooseneck, keypad for minimum 12 zone selection, relay of pre-recorded messages / Alarm messages / tones / call routines, upgradable to any number of zone selection by adding keypad etc. with suitable Console Table as per specifications. (EN 54 Certified)	2	Each	INR	91000.00	182000.00	INR One Lakh Eighty Two Thousand Only
6	SITC of Digital Remote Call Stations with High Quality Condenser Microphone on gooseneck, keypad for min 12 zone selection, relay of prerecorded messages / Alarm messages / tones / call routines, upgradable to any number of zone selection by adding keypad etc. as per specifications. (EN 54 Certified)	6	Each	INR	91000.00	546000.00	INR Five Lakh Forty Six Thousand Only
7	SITC of Digital Car Call console with wall mounted housing and Flush mounted microphone for Car Call announcement as per specifications etc. Complete as required.	2	Each	INR	91000.00	182000.00	INR One Lakh Eighty Two Thousand Only
8	SITC of Power Amplifier (Separate amplifier or separate channel of amplifiers for every Zone should be considered), minimum dual channel, 2x240 W / More wattage (EN 54 Certified), Class D amplification with built in DSP with min. 2 channel AVC (Automatic Volume Control) per amplifier, Automatic Changeover to standby Amplifier in case of failure, Front LCD/LED display for status/error display, headphone socket for audio monitoring, 100 V Outputs, Digital Audio Inputs via CAT / Fibre Cable (for interconnection and looping between amplifiers) Zone - 1: Public Concourse, Curb Area city side Zone - 2: Check-in and Pre SHA Zone - 3: Security Hold Area, Bus Lounge and Baggage Make-up area Zone - 4: Departure, VIP Lounge and Cafeteria Zone - 5: Arrival, Baggage claim and Break-up area Zone - 6: Car calling area and Parking Zone-7: Office space Ground Floor & First Floor and remaining ancillary areas	1	Lot	INR	825000.00	825000.00	INR Eight Lakh Twenty Five Thousand Only
9	SITC of Recessed/ Ceiling Mount speaker, Full range 120 Hz-18KHz, tapping 6W RMS, SPL at 1W/1M @ 1 KHz > 90 dB opening angle ≥ 150 degree, mounting Clamp, front Metal Grill, Built in LMT. with suitable Fire Dome Safety acc. To EN60065. Sufficient number of speakers should be provided to ensure essentially uniform distribution of sound meeting +/- 3dB uniformity in all the Passenger / Visitor and staff areas as required (Ref. Technical Specifications)-For Terminal building all zones as per requirement/design/suitability.	1	Lot	INR	125000.00	125000.00	INR One Lakh Twenty Five Thousand Only
10	SITC of Line Array, Column Loudspeaker, rated power of 30W rms, SPL ≥ 105 dB @ 30 W / 1 Mtr. Frequency range 100 Hz - 18 KHz, 100 V rated input, Opening angle @1KHz HxV :210 x 70 degree, Ceramic terminal block, thermal Fuse, EVAC Compliant and IEC 60849 compliant Safety acc. To EN60529, dust proof and weather proof. Sufficient number of speakers should be provided to ensure essentially uniform distribution of sound meeting +/- 3dB uniformity in all the Passenger / Visitor and staff areas as required (Ref. Technical Specifications)-For Terminal building all zone as per requirement/design/suitability.	1	Lot	INR	195200.00	195200.00	INR One Lakh Ninety Five Thousand Two Hundred Only
11	SITC of Cabinet Speaker 30W - 50W, Effective Frequency Response better or equal to 80 Hz - 18 KHz, SPL at 1W / 1 M @ 1 KHz ≥ 87 dB complete as per specifications. Sufficient number of speakers should be provided to ensure essentially uniform distribution of sound meeting +/- 3dB uniformity in all the Passenger / Visitor and staff areas as required (Ref. Technical Specifications)-For Terminal building all zones as per requirement/design/suitability.	1	Lot	INR	12700.00	12700.00	INR Twelve Thousand Seven Hundred Only
12	SITC of Digital Line Array loudspeaker with Built-in DSP with coaxial drivers for improved high frequency response, Sophisticated beam configuration with EASE support, Integrated ambient noise level sensor for AVC, 100W, with following features: Audio beam steering- 25 degree to 60 degrees or better, Frequency Range: 150Hz - 18KHz or better, Built in multichannel Class D Amplifier and DSP technology for vertical beam steering, amplifier ≥ 10/15 Watts per channel Class D Amplifier Channel and Loudspeaker drivers ≥ 8 Nos complete as per specifications. Sufficient number of speakers should be provided to ensure essentially uniform distribution of sound meeting +/- 3dB uniformity in all the Passenger / Visitor and staff areas as required (Ref. Technical Specifications)-For Terminal building all zones as per requirement/design/suitability.	1	Lot	INR	750000.00	750000.00	INR Seven Lakh Fifty Thousand Only
13	SITC of weather proof metallic/ horn Speakers EN 54 Certified for Car calling/ parking area, as per the specifications Sufficient number of speakers should be provided to ensure essentially uniform distribution of sound meeting +/- 3dB uniformity in all the Passenger / Visitor and staff areas as required (Ref. Technical Specifications)-For Terminal building all zones as per requirement/design/suitability.	1	Lot	INR	44500.00	44500.00	INR Forty Four Thousand Five Hundred Only
14	Supply of Omni direction Noise sensing Microphone in suitable housing as per design requirement and specifications.(Ref. Technical Specifications & architectural drawings of terminal building)	1	Lot	INR	209550.00	209550.00	INR Two Lakh Nine Thousand Five Hundred & Fifty Only
15	Supply of Redundant (1+1) 10 KVA Online UPS with SMF batteries, 30 minutes of battery backup with each UPS.	1	Set	INR	1000000.00	1000000.00	INR Ten Lakh Only
16	Supply and laying of 1.5 sq.mm. multistrand PVC sheathed Two Core Twin Twisted Speaker Cable in existing conduit / floor channel as per specifications.	3000	Meter	INR	58.00	174000.00	INR One Lakh Seventy Four Thousand Only
17	Supply and laying of PVC sheathed 0.75 sq.mm. multistrand Two Core shielded microphone cable in existing conduits / floor channel as per specifications.	1000	Meter	INR	10.00	10000.00	INR Ten Thousand Only

बिद्युत रॉय / Bidyut Roy

सहा. महाप्रबंधक (अभि.विद्युत)

Asst. Gen. Manager (Engg-E)

प. वि. प्रा. कोल्हापूर एअरपोर्ट अड्डा, कोल्हापूर

22.5.23

NUMBER #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	NUMBER #	TEXT #
SL No.	Item Description	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE (Excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Excluding GST	TOTAL AMOUNT In Words (Excluding GST)
1	2	4	5	12	13	53	55
18	Supply and laying of Fibre Optic Network cable with connectors and splicing etc. as per specifications.	200	Meter	INR	10.00	2000.00	INR Two Thousand Only
19	Supply and laying of Armoured 0.75 sq.mm. multistrand, Two Pair Twin Twisted Speaker Cable for laying on wall/ underground laying in existing HDPE Pipe/Hume Pipe/ GI Conduit as per specifications.	1000	Meter	INR	82.00	82000.00	INR Eighty Two Thousand Only
20	Supply and laying of UTP CAT 6 data cable in existing conduit/pipe on surface/recess/concealed, with connectors, termination etc. required as per specifications	1500	Meter	INR	38.00	57000.00	INR Fifty Seven Thousand Only
21	Supply and laying of 3 core 1.5 sq. mm PVC insulated PVC sheathed copper conductor power cable in existing conduit/pipe on surface/recess/concealed including termination etc. required as per specifications	1500	Meter	INR	65.00	97500.00	INR Ninety Seven Thousand Five Hundred Only
22	Supply and laying of 80 mm dia GI Pipe (Class B) with all accessories on surface / recess / concealed as per specifications and preferred makes.	150	Meter	INR	630.00	94500.00	INR Ninety Four Thousand Five Hundred Only
23	Supply & installation of 5 Mtrs. GI Pole (Class B) of 65 mm dia for mounting of Car call Horn speakers including all accessories and making foundation of reinforced cement concrete 1:3:6 (1 cement:3 coarse sand : 6 graded stone aggregate 40mm nominal size) including excavation and refilling, including positioning of template & foundations bolts (supplied with pole to match with pole base plate) complete as required and as specified	1	Lot	INR	125000.00	125000.00	INR One Lakh Twenty Five Thousand Only
24	Supplying and laying of following size DWG HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II 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. 63 mm dia (OD-63 mm & ID-51 mm nominal)	1000	Meter	INR	90.00	90000.00	INR Ninety Thousand Only
25	Supply and fixing PVC casing capping (Secure and Firm Locking) of size 25 x 16 mm on wall / brick / metal surfaces for cable laying complete fixing with all accessories etc. Complete as required.	500	Meter	INR	42.00	21000.00	INR Twenty One Thousand Only
26	Supplying, installing, testing and commissioning of 6 zone Digital Voice Evacuation Master controller with built in 500 watt Amplifier with seamless integration facility with main fire alarm panel for voice evacuation complete as required. The System shall meet the standards of BS EN54 - 32 & EN 60849. The System Shall have Built in 500W Class-D Amplifier and it should be capable for the EVAC, Paging, PA and BGM functions. The Controller shall have SD card option to store the EVAC and Alert Voice Message. The Controller shall have Speaker line supervision record out and amplifier auto changeover. The Controller shall have following features: Separate Zone volume control at the front side of panel, Status indications on the Panel for EVAC,Fault, AC,DC, Fault, ALERT & Fireman mic, Zone capacity up to 96 Zones, 8 programmable Control Input and output, Fireman Microphone with High Priority, THD<1%, Frequency response 80Hz - 20kHz, Up to 1000 Record files, 100V Class-AB Speaker Output.	1	Nos.	INR	91200.00	91200.00	INR Ninety One Thousand Two Hundred Only
27	Supplying, installing, testing and commissioning of 6 zone paging microphone (call station) with necessary Zone wise, Group Zones and all call facility. The Microphone should have LED Indication, Can be Expand with additional units, Compress function through microphone input to avoid distortion, Auxiliary input which supply local background music. Power 24V DC, Microphone should be able to Control the Music also. Microphone Should supply with all accessories and with standard specification, complete.	2	Nos.	INR	35500.00	71000.00	INR Seventy One Thousand Only
28	Supplying, installing, testing and commissioning of 6W wall mount speakers with following features:-component 7.5", Complete metal grille and line matching transformer 100/70V line. Variable wattage tapings of 5/10W, Effective frequency range 150-15kHz (B56840), SPL@1m/1W=90dB, Peak SPL 98dB complete with necessary mounting hardware & accessories.	40	Nos.	INR	1850.00	74000.00	INR Seventy Four Thousand Only
29	SITC of 19-inch Equipment Rack with standardized frame or enclosure for mounting multiple PA controllers, CD player, FM sources, Amplifiers etc modules. Size 18U	1	Nos.	INR	28000.00	28000.00	INR Twenty Eight Thousand Only
30	SITC of Redundant (1+1) 5 KVA Online UPS with SMF batteries, 30 minutes of battery backup with each UPS.	1	Set	INR	402134.00	402134.00	INR Four Lakh Two Thousand One Hundred & Four
31	All inclusive comprehensive AMC with spares after expiry of defect liability period of 03 year as per agreement for complete PA system. First year Comprehensive AMC with spares (1st year) (6.986% for 1st year year as per SCC)	1	Per Year	INR	459311.62	459311.62	INR Four Lakh Fifty Nine Thousand Three Hundred & Eleven and Paise Sixty Two
32	All inclusive comprehensive AMC with spares after expiry of defect liability period of 03 year as per agreement for complete PA system. Second year Comprehensive AMC with spares (2nd year) (7.955% for 11nd year as per SCC)	1	Per Year	INR	523020.89	523020.89	INR Five Lakh Twenty Three Thousand & Twenty and Paise Eighty Nine Only
33	All inclusive comprehensive AMC with spares after expiry of defect liability period of 03 year as per agreement for complete PA system. Third year Comprehensive AMC with spares (3rd year) (8.923% for 11rd year as per SCC)	1	Per Year	INR	586664.41	586664.41	INR Five Lakh Eighty Six Thousand Six Hundred & Sixty Four and Paise Forty One Only
Total in Figures						8143740.92	INR Eighty One Lakh Forty Three Thousand Seven
Quoted Rate in Words							INR Eighty One Lakh Forty Three Thousand Seven Hundred & Forty and Paise Ninety Two Only

Bidyut Roy
 22.5.23
 बिद्युत रॉय / Bidyut Roy
 सहा. महाप्रबंधक (अभि.विद्युत)
 Asst. Gen. Manager (Engg-E)
 भा. वि. प्रा. कोल्हापूर हवाई अड्डा, कोल्हापूर
 A. A. I. Kolhapur Airport, Kolhapur