



संदर्भ संख्या: भाविप्रा/गोंदिया/अभि-वि/का.आ.-09/2023-24/ 286/507-17
Ref. No.: AAI/GONDIA/ENGG(E)/WO-09/2023-24/

दिनांक: 26.03.2024
Date : 26.03.2024
स्पीड पोस्ट / ई-मेल

प्रति,
मेसर्स वर्धमान एयरपोर्ट सॉल्यूशंस प्रा. लिमिटेड
पहली एवं दूसरी मंजिल, प्लॉट नं. 13/सी एवं 13/3,
रामा रोड साइड, इंडस्ट्रियल एरिया,
नजफगढ़ रोड, दिल्ली -110015.
इमेल Email: contact@vardhmanairports.com

To,
M/s. Vardhman Airport Solutions Pvt. Ltd
1st & 2nd Floor, Plot no. 13/C & 13/3,
Rama Road Side, Industrial Area,
Najafgarh Road, Delhi -110015.

कार्य का नाम : बिरसी विमानतल, गोंदिया में रनवे का विस्तार, पैरेलल टैक्सी ट्रैक और संबद्ध कार्य - एयरफील्ड ग्राउंड लाइटिंग कार्य।

Name of Work : Extension of Runway, parallel taxi track and allied works at Birsi Airport, Gondia - Airfield Ground lighting works.

संदर्भ : ई-निविदा आई डी नं. 2024_AAI_182851_1, दिनांक : 11.03.2024 को खोली गई।

Reference : E-Tender ID No. 2024_AAI_182851_1, Opened on 11.03.2024

महोदय / Dear Sir (s),

- ऊपर उल्लेखित कार्य हेतु आपकी ई-निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत की जाती है, आपके द्वारा बताए गए मद मूल्यों पर आपकी ई-निविदा राशि कुल रु. 3,26,52,320.00 (तीन करोड़ छब्बीस लाख बावन हजार तीन सौ बीस मात्र) (जी.एस.टी. के बिना) है, जो कि ई-निविदा की अनुमानित लागत राशि रु. 4,81,18,054.00 से 32.14% नीचे है।
Your E-Tender for the above-mentioned work is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totaling to Rs. 3,26,52,320.00 (Rupees Three Crore Twenty-Six Lakhs Fifty-Two Thousand Three Hundred Twenty Only) (Exclusive GST) which is 32.14% Below the Estimated/Justified cost put to tender of Rs. 4,81,18,054.00.
- सहायक महाप्रबंधक (अभि-विद्युत), भाविप्रा, बिरसी विमानतल, गोंदिया इस कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप करारनामे पर हस्ताक्षर करने एवं करारनामे को पूरा करने के लिए दिनांक 18.04.2024 तक सहायक महाप्रबंधक (अभि-विद्युत), भाविप्रा, बिरसी विमानतल, गोंदिया के कार्यालय में उपस्थित हो। ठेके का करारनामा रु.100/- (सौ रुपए मात्र) के नोनजुडिशियल स्टैम्प पेपर पर निष्पादित किया जाएगा, तथा स्टैम्प पेपर का खर्च आपके द्वारा उठाया जाएगा।
Asst. General Manager (Engg-Elect), AAI, Birsi Airport, Gondia shall be the Engineer-In-Charge of this work. You are requested to attend the office of Asst. General Manager (Engg-Elect), AAI, Birsi Airport, Gondia by 18.04.2024 to sign and complete the 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 stamp paper shall be borne by you.
- कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के अंदर जमानत राशि रु. 32,65,232/- (रु. बत्तीस लाख पैसठ हजार दो सौ बत्तीस मात्र) जमा करें अन्यथा इसे ठेके के दस्तावेज के पृष्ठ GCC-16 पर दी गई शर्त क्लोज 1 'A' के अनुसार आपके चल बिल से काट लिया जाएगा।
Please deposit Rs. 32,65,232/- (Rupees Thirty-Two Lakhs Sixty-Five Thousand Two Hundred Thirty-Two Only) towards Security Deposit within 10 Days from the date of issue of this letter, failing which, the same will be deducted as per condition of Clause No. 1'A' at page no. 16 of the Contract Document.

जारी / Contd....2

26.3.24
amek

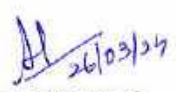


- [2] -

4. निविदा के संविदा की सामान्य शर्तों के पृष्ठ 49 पर दी गई शर्त क्लोज 19 के अनुसार आपसे निवेदन है की आप केंद्रीय और राज्य सरकारों 1970 के अधिनियम अनुबंध श्रम नियम (नियम तथा उन्मूलन), 1971 के केंद्रीय नियम श्रम नियम (नियमन तथा उन्मूलन), अधिनियम 1986, बाल मजदूर (निषेध और नियमन), अधिनियम 1996 बांधकाम मजदूर (रोजगार और सेवा की स्थिति के विनियम), अधिनियम 1996 भवन एवम अन्य निर्माण श्रमिक कल्याण उपकर, के अनुसार राज्य सरकार के नियमों के प्रावधानों का अनुपालन करें।
You are requested to comply with the provision of Contract Labour (Regulation and Abolition) Act 1970 and Contract Labour (Regulation & 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 as specified in Clause 19 on page no. 49 of GCC of tender and rules of Central and State Government.
5. आपको यह निर्देश दिया जाता है कि प्रबंधक (अभि.-वि.) से शीघ्र संपर्क करें जो आपको साईट सौंपने की व्यवस्था करेंगे।
You are directed to contact to **Manager (Engg-Elect)** immediately who will arrange to handover the site.
6. कृपया नोट कर लें कि काम करने का अनुमानित समय छः (06) माह है जो कि इस कार्यदेश के जारी होने के दसवे दिन से गिना जाएगा।
Please note that the time allowed for carrying out the work shall be **06 (Six) Months**, which shall be reckoned from the 10th day of issue of this order.
7. इस ठेके से संबंधित आगे का कोई भी पत्राचार सहायक महाप्रबंधक (अभि.-विद्युत), भाविप्रा, बिरसी विमानतल, गोंदिया, महाराष्ट्र-441601 के पते पर किया जाएगा।
Any further correspondence in connection with the contract should normally be addressed to Asst.GM (Engg-Elect), AAI, Birsi Airport, Gondia, Maharashtra-441601.
8. उपरोक्त संदर्भित सभी पत्र ठेके का भाग होंगे।
The letters under reference shall form part of Agreement.
9. कृपया पावती भेजे तथा स्वीकृती टोकन के रूप में इस पत्र की हस्ताक्षरित प्रति इस कार्यालय में भेजें।
Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing to the undersigned as a token of acceptance.
10. यदि अंग्रेजी और हिंदी पाठ में कोई अंतर पाया जाता है तो अंग्रेजी विवरण सही माना जाएगा।
If there is any discrepancy between English and Hindi, then meaning derived in English will be taken as correct.

भवदीय / Yours Faithfully

संलग्न : Item Rate BOQ (10 Pages)


[जे. अनिलकुमार / J. ANILKUMAR]
सहा. महाप्रबंधक (अभि-वि) / Asst. Gen. Manager (Engg-E)
कृते तथा ओर से अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण
For and on behalf of Chairman, Airports Authority of India
बिरसी विमानतल, गोंदिया / Birsi Airport, Gondia

Validate

Print

Help

Item Rate BoQ

Tender Inviting Authority: Assistant General Manager(Engg.-E), AAI, Gondia

Name of Work: Extension of Runway, parallel taxi track and allied works at Birsai Airport, Gondia - Airfield Ground lighting works.

Contract No: 2024_AAI_182851_1

Name of the Bidder/ Bidding Firm / Company :	M/s Vardhman Airport Solutions Pvt Ltd.					
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the releivent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	Supply of bi-directional elevated high intensity LED type runway edge light fitting complete with prefocussed LED modules and LED driver suitable for series circuit 2.8 A to 6.6 Amps, clear outer prismatic/glass dome, inner prismatic lens/glass (one clear and one yellow), holding mechanism, ball joint for easy levelling, breakable coupling, central column mounting assembly, gaskets, two pin secondary lead plug suitable for connection with isolating transformer, base plate with 6 nos. M-10 stainless steel bolts, spring & plain washers & other accessories etc. and confirming to particular specifications and to meet latest ICAO/FAA/DGCA CAR specifications as required.	88	Each	34913.00	3072344.00	INR Thirty Lakh Seventy Two Thousand Three Hundred & Forty Four Only
2	Supply of bi-directional elevated high intensity LED type runway edge light fitting complete with prefocussed LED modules and LED driver suitable for series circuit 2.8 A to 6.6 Amps, clear outer prismatic/glass dome, inner prismatic lens/glass (one clear and one clear), holding mechanism, ball joint for easy levelling, breakable coupling, central column mounting assembly, gaskets, two pin secondary lead plug suitable for connection with isolating transformer, base plate with 6 nos. M-10 stainless steel bolts, spring & plain washers & other accessories etc. and confirming to particular specifications and to meet latest ICAO/FAA/DGCA CAR specifications as required.	147	Each	34913.00	5132211.00	INR Fifty One Lakh Thirty Two Thousand Two Hundred & Eleven Only

At 26.3.24
Am E

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
3	Supply of Elevated Omnidirectional, medium intensity light fittings suitable for Taxiway/Turning Pad/Apron Edge Lighting use with LED type lamp complete with lens support mechanism, prefocus lamp holder, lens clamping mechanism, central column assembly, breakable coupling, gaskets, two pin secondary leads, base plate with 6 nos M-10 stainless steel bolts, spring washers and other accessories with omnidirectional blue lens, LED lamp suitable for series circuit 2.8 A to 6.6 Amps, LED electronic assembly etc, suitable of connecting to the secondary side of 15 W isolating transformer and confirming to ICAO/FAA/DGCA CAR requirements as required.	82	Each	3910.00	320620.00	INR Three Lakh Twenty Thousand Six Hundred & Twenty Only
4	Supply of Inset LED type high intensity bi-directional Runway Edge light fittings (Clear / Clear), complete with LED modules and LED driver suitable for series circuit 2.8 A to 6.6 Amps, lens, support mechanism, lens clamping mechanism, gaskets, two pin secondary leads, suitable base for bottom hole entry, and required accessories etc. and conforming to ICAO/FAA/DGCA CAR requirements as required.	6	Each	60060.00	360360.00	INR Three Lakh Sixty Thousand Three Hundred & Sixty Only
5	Supply of Inset LED type high intensity bi-directional Runway Edge light fittings (Clear/ Yellow), complete with LED modules and LED driver suitable for series circuit 2.8 A to 6.6 Amps, lens, support mechanism, lens clamping mechanism, gaskets, two pin secondary leads, suitable base for bottom hole entry, and required accessories etc. and conforming to ICAO/FAA/DGCA CAR requirements as required.	4	Each	60060.00	240240.00	INR Two Lakh Forty Thousand Two Hundred & Forty Only
6	Supply of Elevated type high intensity LED Type uni-directional Threshold light fittings (Green) complete with LED modules and LED driver suitable for series circuit 2.8 A to 6.6 Amps, lens, support mechanism, lens clamping mechanism, gaskets, two pin secondary leads, suitable base to fix on the existing CI Box and required accessories etc. and conforming to ICAO/FAA/DGCA CAR requirements as required.	24	Each	43890.00	1053360.00	INR Ten Lakh Fifty Three Thousand Three Hundred & Sixty Only
7	Supply of Elevated type high intensity LED type uni-directional End light fittings (Red) complete with LED modules and LED driver suitable for series circuit 2.8 A to 6.6 Amps, lens, support mechanism, lens clamping mechanism, gaskets, two pin secondary leads, suitable base to fix on the existing CI Box, and required accessories etc. and conforming to ICAO/FAA/DGCA CAR requirements as required.	27	Each	43890.00	1185030.00	INR Eleven Lakh Eighty Five Thousand & Thirty Only


 28.3.24
 Date

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
8	Supply of Inset type high intensity LED type Runway Edge light fittings (Clear/Red) complete with LED modules and LED driver suitable for series circuit 2.8 A to 6.6 Amps, lens, support mechanism, lens clamping mechanism, gaskets, two pin secondary leads, suitable base for bottom hole entry and required accessories etc. and conforming to ICAO/FAA/DGCA CAR requirements as required.	1	Each	60060.00	60060.00	INR Sixty Thousand & Sixty Only
9	Supply of Inset type high intensity LED type Runway Threshold light fittings (Green) complete with LED modules and LED driver suitable for series circuit 2.8 A to 6.6 Amps, lens, support mechanism, lens clamping mechanism, gaskets, two pin secondary leads, suitable base for bottom hole entry and required accessories etc. and conforming to ICAO/FAA/DGCA CAR requirements as required.	24	Each	60060.00	1441440.00	INR Fourteen Lakh Forty One Thousand Four Hundred & Forty Only
10	Supply of Inset type high intensity LED type Runway Approach light fittings (Clear) complete with LED modules and LED driver suitable for series circuit 2.8 A to 6.6 Amps, lens, support mechanism, lens clamping mechanism, gaskets, two pin secondary leads, suitable base for bottom hole entry and required accessories etc. and conforming to ICAO/FAA/DGCA CAR requirements as required.	3	Each	60060.00	180180.00	INR One Lakh Eighty Thousand One Hundred & Eighty Only
11	Supply, installation, testing and commissioning of indoor type aircooled Microprocessor based Constant current regulator of thyristor controlled type suitable for use on Input Supply voltage 230V/415 V +A-10%, 50 Hz input AC supply with out put power of following rating with 5 steps variation of current output suitable for local and remote control operations with 24/48 Volts integral control supply and complete with output current indicated in multifunction digital display, over current, over voltage, earth fault protection and earth leakage meter, positive back indication equipments, complete main power transformer, relays, contactors etc complete as required as per AAI specifications including integration of of CCR with existing "NASU systems" make Airfield lighting control and monitoring system (ALCMS)					
11.01	50 KW MPCCR at 20 Amp, supply voltage 415 VAC with tapping at 40 KW.	3	Job	661500.00	1984500.00	INR Nineteen Lakh Eighty Four Thousand Five Hundred Only
11.02	7.5 KW MPCCR at 6.6 Amp, supply voltage 240 VAC with tapping at 4 KW	7	Job	242550.00	1697850.00	INR Sixteen Lakh Ninety Seven Thousand Eight Hundred & Fifty Only


 26.3.24
 Anurag K. Z.

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
11.03	4 KW MPCCR at 6.6 Amp, supply voltage 240 VAC.	3	Job	192938.00	578814.00	INR Five Lakh Seventy Eight Thousand Eight Hundred & Fourteen Only
12	Supply of 5 KV grade SINGLE CORE 16 Sq.mm size Airfield Lighting Cable with Standard Copper Conductor PVC insulated, PVC Sheathed Single Core, Unshielded, Anti-Termite & rodent treated UG Cable generally conforming to IS 1554, Part-II with upto date amendment as required.	8400	Mtr	194.00	1629600.00	INR Sixteen Lakh Twenty Nine Thousand Six Hundred Only
13	Supply of 5 KV grade SINGLE CORE 6 Sq.mm size Airfield Lighting Cable with Standard Copper Conductor PVC insulated, PVC Sheathed Single Core, Unshielded, Anti-Termite & rodent treated UG Cable generally conforming to IS 1554, Part-II with upto date amendment as required.	23700	Mtr	84.00	1990800.00	INR Nineteen Lakh Ninety Thousand Eight Hundred Only
14	Supply of following type 5KV grade 50 HZ, series type Isolating transformer encapsulated in polyester resin finally moulded in neoprene rubber (or other compounds having equivalent mechanical and electrical properties) with primary and secondary connection as specified in particular specifications.					
14.01	20 A/6.6A of 65 W	305	Each	3252.00	991860.00	INR Nine Lakh Ninety One Thousand Eight Hundred & Sixty Only
14.02	20 A/6.6A of 100 W(For inset fitting)	38	Each	3804.00	144552.00	INR One Lakh Forty Four Thousand Five Hundred & Fifty Two Only
14.03	20A/6.6A of 15 W	15	Each	2370.00	35550.00	INR Thirty Five Thousand Five Hundred & Fifty Only
14.04	6.6A/6.6A of 100 W(For Sign boards)	24	Each	3638.00	87312.00	INR Eighty Seven Thousand Three Hundred & Twelve Only
14.05	6.6A/6.6A of 15 W	67	Each	2426.00	162542.00	INR One Lakh Sixty Two Thousand Five Hundred & Forty Two Only
15	Supply of following 5KV grade plug & receptacle (essna connector) of type-1 class B connector & suitable field attachment suitable for following size 5KV grade PVC insulated PVC sheathed single core stranded copper conductor cable confirming to IS:1554 (Part-II) with upto date amendment.					

Ag 26/3/24
amk

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
15.01	16 Sq.mm	138	Set	489.00	67482.00	INR Sixty Seven Thousand Four Hundred & Eighty Two Only
15.02	6 Sq.mm	134	Set	489.00	65526.00	INR Sixty Five Thousand Five Hundred & Twenty Six Only
16	Making field connections by crimping of 6/16 sq.mm. plug & receptible with existing 6/16 sq.mm. single core PVC insulated Copper Conductor cable including filling the gap with water sealant material applying PVC insulation tape and HT tape insulation etc. complete as reqd.	270	Set	100.00	27000.00	INR Twenty Seven Thousand Only
17	Installation, Testing and commissioning of all-directional elevated high intensity/ medium intensity halogen/LED type runway edge/end light fitting, runway threshold light, turning pad light and taxi light on the existing transformer housing boxes including installation of transformer, lens, lamps gasket, nut bolts, lens holding clamp and other accessories i/c alignment of fittings with runway orientation, levelling, isolating transformer, connections, earth connections etc. and dismantling old fittings and isolating transformers if required at site all complete as required.	332	Each	200.00	66400.00	INR Sixty Six Thousand Four Hundred Only
18	Supply of 50 mm dia (OD-50 mm & ID-38 mm nominal) DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. complete as required.	31800	Mtr	49.00	1558200.00	INR Fifteen Lakh Fifty Eight Thousand Two Hundred Only
19	Laying of 50 mm dia (OD-50 mm & ID-38 mm nominal) DWC HDPE pipe along with all accessories like socket, bend, couplers etc. complete with fitting and cutting, jointing etc. direct in ground (75 cm below ground level) i/c excavation and refilling the trench but excluding sand cushioning and protective covering etc. conforming to IS 14930, Part II complete as required.	31800	Mtr	60.00	1908000.00	INR Nineteen Lakh Eight Thousand Only
20	Laying of one number PVC/ XLPE insulated and PVC sheathed cable of 5 KV grade of following size in the existing RCC/HUME/METAL pipe/HDPE Pipe as required. Single core 6.0 Sq.mm or 16 Sq.mm (or Upto 35 Sq.mm)	31200	Mtr	15.00	468000.00	INR Four Lakh Sixty Eight Thousand Only
21	Laying of one number PVC/ XLPE insulated and PVC sheathed power cable of 5 KV grade of following size in masonry open duct etc as required. Single core 6.0 Sq.mm or 16 Sq.mm (or Upto 35 Sq.mm)	900	Mtr	15.00	13500.00	INR Thirteen Thousand Five Hundred Only

AP 26/3/24
As per E-1

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
22	Providing and Laying of 25 mm 'B' class GI Pipe including excavation of hard/ soft soil complete with threading and alignment of pipe with transformer housing box and bottom assembly of inset light fitting, providing checknuts including coupling etc. as required.	1400	Mtr	210.00	294000.00	INR Two Lakh Ninety Four Thousand Only
23	Earthing with G.I. earth pipe 4.5 meter long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/coke and salt as required.	28	Each	8950.00	250600.00	INR Two Lakh Fifty Thousand Six Hundred Only
24	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. wire in 15mm dia G.I. pipe from electrode including connection with G.I. thimble excavation and re-filling as required. (From light fitting to earth electrode)	500	Mtr	154.00	77000.00	INR Seventy Seven Thousand Only
25	Providing and fixing 6 SWG GI wire on surface or in recess for loop earthing along with existing surface/recessed conduit/submain wiring/ cable as required. (CPWD DSR-2022 item 5.7) (Along the cable length)	32100	Mtr	20.00	642000.00	INR Six Lakh Forty Two Thousand Only
26	Supplying and laying 6 SWG G.I. wire at 0.50 meter below ground level for conductor earth electrode, including connection/terminal with GI thimble etc. as required. (From light fitting to earth electrode)	175	Mtr	64.00	11200.00	INR Eleven Thousand Two Hundred Only
27	Removal of debris and concrete residue from existing transformer housing boxes of size 330mm height 450mm made of 10mm thick cast iron installed at site and from 50 mm dia B Class GI pipes connected to the transformer housing box (upto a length of 10 mtr.) (for laying of 5 KV grade Airport lighting cable and placing of isolating transformers), re-treading the and disposal of waste materials at not less than 150 meters away from the location, levelling the surface after disposal etc as required.	150	Job	800.00	120000.00	INR One Lakh Twenty Thousand Only

AP 26/3/24
A.M.F.E

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
28	Photometric testing of Airport Ground Lighting Fixtures: Carrying out/making in-field measurement of intensity, beam spread, orientation, chromaticity, luminous factor, one time field alignment setting for existing and extended runway inset, elevated type approach, runway edge, runway end, runway threshold lights and PAPI air field ground lights installed at Gondia Airport by using vehicle mounted mobile testing equipment system, frame radar, submission of test reports etc as per requirement of ICAO/DGCA, Civil Aviation Requirements section-4, Aerodrome standards and licensing, Series-B, Part-I etc complete as required. (Number of fittings to be tested shall be approximately ten per cent less than number of supply quantity of AFL fixtures mentioned in this schedule and two nos PAPI units)	1	Job	300000.00	300000.00	INR Three Lakh Only
29	Supply, installation testing and commissioning of internally illuminated LED based Mandatory / Information /Location/ VOR check point Runway / Taxiway guidance signage of various sizes made out of 4mm thick glare free poly carbonate sheet at front and body made out of 2.0mm thick powder coated aluminum profile having minimum width of 150mm and supported at back by 50mm dia (Nominal size) die cast aluminum / GI pipe at a separation as required, and frangible coupling as required. Light source shall be high luminous, long life typical 50,000 Hrs type, 0.5 Watts LED's assembled on aluminum PCB of size 700mm X 20mm and having 11 LED's per PCB for boards having height 800mm & 500mm X 20mm PCB having 8 LED's per PCB for board having height 600mm respectively. The thickness of the aluminum PCB should be 2mm in order to ensure proper heat dissipation. These aluminum PCB's should be placed not more than 160mm apart across the length of the board in order to ensure uniform distribution of light across the board. Each board having length from 800mm up to 3000mm should be illuminated by a single converter & by using single isolating transformer of suitable wattage in order to save the capital cost of multiple isolating transformers. Signage shall be suitable for operation on series circuit at variable current from 2.8Amp - 6.6Amp and will give constant brightness for all current variation. All the signage shall have letters and symbols made by computerized cutting of vinyl and pasting on the polycarbonate sheet from inside/outside of the sign face of required color as per ICAO specifications.	35	Sq.Mtr.	42809.00	1491315.00	INR Fourteen Lakh Ninety One Thousand Three Hundred & Fifteen Only

26/3/24
Ranjeet D

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
30	Providing and Fixing of top cover plate made with 5mm thick MS Sheet suitable for existing 330mm dia CI transformer housing box with 6 Nos. Stainless steel M-10 bolts, spring and plain washers including providing and fixing of rubber gasket, painting etc. complete as required.	112	Job	572.00	64064.00	INR Sixty Four Thousand & Sixty Four Only
31	Installation, testing and commissioning of inset type light fixtures including core cutting with suitable dia and depth for inset fixtures and refilling the gaps with suitable chemical compound and materials after installing inset type fixture base including secondary lead connection with using of male/female connector of secondary leads etc. as required.	33	Each	6000.00	198000.00	INR One Lakh Ninety Eight Thousand Only
32	Supply of 2X4 sq.mm 1.1 KV grade flexible secondary lead Airfield lighting cable with multi-stranded annealed tinned copper conductor(Class-5), EPR Insulated, colour coded (Red&Black), core laid up &CPE/PCP/TPE sheathed as required.	1700	Mtr	143.00	243100.00	INR Two Lakh Forty Three Thousand One Hundred Only
33	Groove cutting on concrete/bitumin runway/taxiway surface for suitable width and depth up to 100mm suitable for laying 25mm dia GI pipe and secondary lead meant for inset type light fittings including refilling the groove with original strength cement concrete or sealant compound (Dobefil 60&Hardner 758 or equivalent) after laying pipe and secondary lead, making good to original finish etc. complete as required.	1250	Mtr	420.00	525000.00	INR Five Lakh Twenty Five Thousand Only
34	Laying of of 2X4 Sq.mm 1.1 KV grade flexible secondary lead Airfield lighting cable cable in the existing RCC/HUME/METAL/HDPE pipe as required.	1700	Mtr	18.00	30600.00	INR Thirty Thousand Six Hundred Only
35	Dismantling of existing runway edge/ taxiway/ threshold/ end light fixtures and Installation, Testing and commissioning at the new location on the existing tranformer housing boxes including installation of transformer, lens, lamps gasket, nut bolts, lens holding clamp and other accessories i/c alignment, levelling, isolating transformer, connections, earth connections etc. all complete as required.	64	Each	200.00	12800.00	INR Twelve Thousand Eight Hundred Only

 26/3/24
 A. M. E.

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
36	Supply of C.I. Isolating Transformer housing box, water tight round type, metal container of outside size 330mm height 450mm made of 10mm thick cast iron moulding suitable to receive a light fitting base plate on the top and underground housing associated with transformer power cable and having a clear hole centre at one side surface centre 75mm above bottom surface suitable to receive one/two nos. of 50mm dia "B" class GI pipe and including check nuts as required and another hole at 175mm from the bottom of the CI Box to receive one no. 15mm dia "B" class GI pipe and check nut as required. The box should have two SS earth bolts of M10 x 30mm tapped inside near the hole (4" away from the hole centre) and having a drain hole at the bottom suitably tapped to receive 15mm dia "B" class GI pipe and having clear opening of 220 mm at the top surface and 6 nos. M10 tapped hole at the hole centre 260 mm to receive fitting base plate and bolts complete as required. (a) Double hole Type	104	Each	5082.00	528528.00	INR Five Lakh Twenty Eight Thousand Five Hundred & Twenty Eight Only
37	Installation of Transformer housing boxes with a base concrete of 1:3:6 of size 630x630x100 mm thick all round concrete of 1:2:4, 150mm thick, the top sloped with 1:2:4 cement concrete including providing and fixing 250 mm long 15mm dia "B" class GI pipe with check nut for drainage of water including excavation of side shoulder and refilling (wherever the transformers boxes are to be installed in a line the same has to be aligned in such a way that the centre fall in a straight line) etc. complete as required.	104	Each	2250.00	234000.00	INR Two Lakh Thirty Four Thousand Only
38	Supplying & fixing cable route marker with 10X10X5mm thick GI plate with description there on bolted/welded to 35mmX35mmX6mm angle iron 60cm long and fixing the same in ground as required.	100	Each	130.00	13000.00	INR Thirteen Thousand Only
39	Dismantling of existing 04 nos. PAPI units (01 set) & reinstallation of the same to new location including civil work such as excavation & casting of cement concrete (1:2:4) foundation for PAPI units & check stick points to align with the runway level within allowance tolerance, suitable MS frame, SS foundation nut & bolts etc. complete job as per the satisfaction of Engineer-In-Charge.	3	Job	30000.00	90000.00	INR Ninety Thousand Only
40	Providing and laying in position cement concrete of 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 20 mm nominal size).	10	Cum	5500.00	55000.00	INR Fifty Five Thousand Only

AP 26/3/24
GSI/EEB

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
41	Supply of Unidirectional elevated LED type high intensity Approach Light Fitting complete with prefocussed LED modules and LED driver suitable for series circuit 2.8 A to 6.6 Amps, lens/spreader glass, lens holding mechanism, reflector assembly, elevation and horizontal adjustment mechanism, breakable couplings, central column mounting assembly, gaskets, two pin secondary lead plug suitable for connection with isolating transformer, base plate with 6 nos. M-10 stainless steel bolts, spring & plain washers & other accessories etc. complete as required and conforming to particular specification and to meet latest ICAO specifications as required.	20	Each	43890.00	877800.00	INR Eight Lakh Seventy Seven Thousand Eight Hundred Only
42	Installation, Testing and commissioning of elevated type MIRL/HIRL Approach light fittings on the existing transformer housing boxes including installation of transformer, lens, lamps gasket, nut bolts, lens holding clamp and other accessories i/c alignment, levelling, isolating transformer, connection, earth connection etc. all complete as required.	17	Each	200.00	3400.00	INR Three Thousand Four Hundred Only
43	Supply of Breakable couplings suitable for approach fittings as required.	20	Each	658.00	13160.00	INR Thirteen Thousand One Hundred & Sixty Only
44	Supply of Base plate suitable for fixing on transformer housing box of 330 mm dia and suitable for 50 mm dia pipe.	20	Each	751.00	15020.00	INR Fifteen Thousand & Twenty Only
45	Supply, fixing of 50mm OD aluminum pipe dual powder coated in aviation Colour of various sizes complying with frangibility requirement as per relevant Civil Aviation Requirements of DGCA.	50	Mtr	788.00	39400.00	INR Thirty Nine Thousand Four Hundred Only
Total in Figures					32652320.00	INR Three Crore Twenty Six Lakh Fifty Two Thousand Three Hundred & Twenty Only
Quoted Rate in Words		INR Three Crore Twenty Six Lakh Fifty Two Thousand Three Hundred & Twenty Only				

Handwritten signature
26/3/24
J. Anil Kumar.

सहा.महा.प्र (अभि.-वि.) AGM (F E)
भा.वि.प्रा./A.A.I.
बिरसी विमानतल, गोंदिया
Birsi Airport, GONDIA