



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA
वीरसावरकरअंतर्राष्ट्रीयहवाई अड्डा , पोर्टब्लेयर
VSI AIRPORT, PORT BLAIR



No. AAI/PB/Elect(E)/NITB/Signage/2022-23/W.O.5/11

Date: 06.05.2022

To,

M/s. Vinayak Infra Signs & Projects Pvt Ltd,
24,Ground Floor,Pujit Plaza,
Sector11,CBD Belapur,
Navi Mumbai- 400614

Name of Work: Provision of Way Finding Signage at NITB, Port Blair Airport.

Reference:

- i) Your e-bid No. 410033 Dt. 19.04.2022(Tender ID No. 2022_AAI_111581_1) opened on 02.05.2022.

Dear Sir,

1. Your E-tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India at the item rates quoted by totaling to Rs.153,31,500.00 (Rupees One Crore Fifty Three Lakhs Thirty One Thousand Five Hundred only), (excluding GST) which is 4.39 % above the estimated cost put to tender of Rs. 146,86,713.00 (excluding GST).
2. Jt .GM (Engg-Elect) Airports Authority of India, Port Blair 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 this office by 30.05.2022 to sign and complete the contract agreement. The contract agreement shall be executed on a Non-Judicial Stamp Paper of Value Rs. 100/- and the cost of the same shall be borne by you.
3. Please deposit Rs.15,33,150.00(Rupees Fifteen Lakh Thirty Three Thousand One Hundred Fifty only) towards security deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from your running bills as per GCC Clause 1A on page 17 of the contract document.
4. You are requested to comply with the provision of Contract labour (Regulation and abolition) Act 1970 and contract labor (Regulation and Abolition) Central rules 1971 Child Labor (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 Employee Provident Fund & Miscellaneous Provision Act, 1952 & ESI Act, 1948 as specified in GCC / Supplementary Conditions and Particular Specification Under Annual Comprehensive Maintenance Contracts of tender and rules of Central and State Governments.
5. You are directed to contact Asst. Gen. Manager (Engg-Elect)-II, Airports Authority of India, Port Blair Airport Immediately who will arrange to hand over the site to you.



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VSI AIRPORT, PORT BLAIR

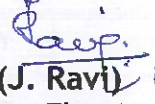


6. Please note that as per tender clause 5 on page no. 130, the time allowed for carrying out the work shall be 06 months (Six Months) and same shall be reckoned from the 10th day from the date of issue of this letter.
7. Any further correspondence in connection with the contract should normally be addressed to Engineer in-charge, Airports Authority of India.
8. 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.

Enclosure: Schedule of Quantities.

Thanking you

Yours faithfully


(J. Ravi) 06/05/22
Jt. GM(Engg-Elect)
AAI, VSI Airport
Port Blair

Validate

Print

Help

Item Rate BoQ

Tender Inviting Authority: Asst.Gen.manager (E-E), VSI Airport, Port Blair

Name of Work: Provision of way finding signage at NITB, Portblair Airport

Contract No: 2022_AAI_111581_1

Name of the Bidder/ Bidding Firm / Company :	Vinayak Infra Signs and Projects Pvt Ltd
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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 #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE Excluding GST In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Excluding GST in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1	1.a) Airport Entry Portal - 1.1 Refer design drawing 1.1S, 1.1G Providing and fixing Non-illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge. All exterior signs should be manufactured considering harsh outdoor conditions, weatherproofing techniques and materials shall be used and as per technical specifications. Sign face: Providing and fixing sign face panels 3mm thick Aluminium sheet fabrication with a white retroreflective film, fixed to horizontal structural truss.. Graphics in plotter RAL 5013 exterior grade opaque vinyl pasted over white retroreflective vinyl Sign Frame : Sign frame in M.S. square section hot dipped galvanised 25 mm SHS as per drawing. Frame to receive the sign faces and as per technical specifications. Sign Structure: M.S square post 300x300 mm square section, hotdipped , galvanised and PU painted to match RAL9006 grouted in ground.Spanning truss shall be designed for each mounting section span. The tentative design and foundation drawings for this item is attached in the drawing section. The actual structural design of the sign for its stability shall be responsibility of the contractor and shall be designed with due consultation and approval from structural designer. Size of Signage as per design to accommodate - VEER SAVARKAR INTERNATIONAL AIRPORT, Letters in English and Hindi. (Matter given is only for a reference and tentative)	3.00	Each	575000.00	1725000.00	INR Seventeen Lakh Twenty Five Thousand Only

Sl. No.	Item Description	Quantity	Units	BASIC RATE Excluding GST In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Excluding GST in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
5	4.a) Vehicular Directional Sign - Pole Mounted - 1.3a-1 Refer design drawing 1.3a-1S, 1.3a-1G Providing and fixing Non-illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge. All exterior signs should be manufactured considering harsh outdoor conditions, weatherproofing techniques and materials shall be used and as per technical specifications. Sign face: Providing and fixing sign face panels 3mm thick Aluminium sheet fabrication with a white retroreflective film, fixed to horizontal structural truss.. Graphics in plotter RAL 5013 exterior grade opaque vinyl pasted over white retroreflective vinyl Sign Frame : Sign frame in M.S. square section hot dipped galvanised 50mm X 50mm SHS as per drawing. Frame to receive the sign faces and as per technical specifications. Sign Structure: M.S square post 125x125 mm and mounting square sections 75mm x75mm ,hotdipped, galvanised and PU painted to match RAL9006 grouted in ground.Spanning truss shall be designed for each mounting section span and the wind loads. Cover plate:225mmx 225mm,5mm thick cover plate mounted on the flooring. Foundation: Providing and laying foundation for the sign including its compaction and all activities like Excavation, PCC base layer, providing and fixing in position electrical connection wherever applicable and finished as per drawing. The item cost includes cutting and opening the floor finish at location, and making good the location to the match the	3.00	Each	85000.00	255000.00	INR Two Lakh Fifty Five Thousand Only
6	4.b) Vehicular Directional Sign - Pole Mounted - 1.3a-1 Refer design drawing 1.3a-1S, 1.3a-1G Providing and fixing Non-illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge. All exterior signs should be manufactured considering harsh outdoor conditions, weatherproofing techniques and materials shall be used and as per technical specifications. Sign face: Providing and fixing sign face panels 3mm thick Aluminium sheet fabrication with a white retroreflective film, fixed to horizontal structural truss.. Graphics in plotter RAL 5013 exterior grade opaque vinyl pasted over white retroreflective vinyl Sign Frame : Sign frame in M.S. square section hot dipped galvanised 50mm X 50mm SHS as per drawing. Frame to receive the sign faces and as per technical specifications. Sign Structure: M.S square post 125x125 mm and mounting square sections 75mm x75mm ,hotdipped, galvanised and PU painted to match RAL9006 grouted in ground.Spanning truss shall be designed for each mounting section span and the wind loads. Cover plate:225mmx 225mm,5mm thick cover plate mounted on the flooring. Foundation: Providing and laying foundation for the sign including its compaction and all activities like Excavation, PCC base layer, providing and fixing in position electrical connection wherever applicable and finished as per drawing. The item cost includes cutting and opening the floor finish at location, and making good the location to the match the	6.00	Each	75000.00	450000.00	INR Four Lakh Fifty Thousand Only
7	5)Vehicular Directional Sign -Pedestrian -1.3b Refer design drawing 1.3b-S, 1.3b-G Providing and fixing Non-illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge. All exterior signs should be manufactured considering harsh outdoor conditions, weatherproofing techniques and materials shall be used and as per technical specifications. Sign face: Providing and fixing sign face panels 3mm thick Aluminium sheet fabrication with a white retroreflective film, fixed to horizontal structural truss.. Graphics in plotter RAL 5013 exterior grade opaque vinyl pasted over white retroreflective vinyl Sign Frame : Sign frame in M.S. square section hot dipped galvanised 50 mm SHS as per drawing. Frame to receive the sign faces and as per technical specifications. Sign Structure: M.S square hollow section 75mm x 75mm and mounting square sections ,hotdipped, galvanised and PU painted to match RAL9006 grouted in ground.Spanning truss shall be designed for each mounting section span and the wind loads. Cover plate: 225mmx 225mm,5mm thick cover plate mounted on the flooring. Foundation: Providing and laying foundation for the sign including its compaction and all activities like Excavation, PCC base	6.00	Each	75000.00	450000.00	INR Four Lakh Fifty Thousand Only

Sl. No.	Item Description	Quantity	Units	BASIC RATE Excluding GST In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Excluding GST in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
10	8) Facility Announcers - Floor Mounted - 1.7a Refer design drawing 1.7aS, 1.7aG Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge. All exterior signs should be manufactured considering harsh outdoor conditions, weatherproofing techniques and materials shall be used and as per technical specifications. Sign Box: Sign box with lasercut Bent Fabrication in 5mm thick acrylic with pantone yellowC Vinyl pasted over acrylic with white diffuser film on inside face. Blockout vinyl for text Pantone Black 6C. Complete box excluding bottom side is lited with internal LED lighting. Acrylic fabrication shall have transparent structural supports for obstruction free lighting. Box to be directly mounted on the sign structure. Bottom panel Bottom MS Panel powder coated in colour to match Vinyl Black of Pantone Black 6C. Sign Structure: MS square post 75 x 75 x 2.5 mm, hotdipped galvanised and P.U. painted to match RAL 9006 grouted in ground. The Post shall be always be a single continuous element without any joints. Cost to include all activities and temporary props used for a perfect vertical in plumb installation, shim Plates for adjustment of levels and filling the gap with concrete slury etc required for fixing the sign in an external location. The actual structural design of the sign for its stability shall be responsibility of the contractor. Secret fixing methods should be used to fix parts together.	1.00	Each	28000.00	28000.00	INR Twenty Eight Thousand Only
11	9) Facility Announcers-Passenger Amenities - 1.7d Refer design drawing 1.7d-G, 1.7dS Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge. All exterior signs should be manufactured considering harsh outdoor conditions, weatherproofing techniques and materials shall be used and as per technical specifications. Sign Box: 1. Sign Box – Entire Sign face all 4 sides, White translucent 040 acrylic, 5 mm thick with backlighting. Graphics - Plotter cut vinyl Pantone Yellow C, Blockout vinyl for text Pantone Black 6C, pasted over acrylic with white diffuser film on inside face. 2. Sign Box 2 - 3 mm thick aluminium fabrication PU Painted mounted on the sign structure with black colour RAL 9011 and provision for concealed wiring/cableing for the required telephone connection in the provided niche. 3. Bottom panel – Bottom MS Panel PU Painted in colour to match Vinyl Black of Pantone Black 6C. Sign Structure: 50x50 MS SHS hollow section with 3mm thick aluminium sheet fabrication wrapped around the internal frame. The actual structural design of the sign for its stability shall be responsibility of the contractor. Secret fixing methods should be used to fix parts together and as per technical specifications. Lighting: All internal illumination shall be using Power LED Lights from Osram or equivalent with electronic controllers, having even spread and overlaps to avoid banding and dark spots and adhering to the LUX levels mentioned in the performance specification. Cost to include all internal connections and Wiring, terminating and connecting the incoming cable laid by Airport contractor at the site.	4.00	Each	28000.00	112000.00	INR One Lakh Twelve Thousand Only

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1	2	3	4	5	6	7
14	10.c) Directional Sign - 2.1 -G , 2.1a Refer design drawing 2.1 G for art work & 2.1aS, 2.1aG Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face:Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Graphics as per 2.1 Sign Frame:Sign frame 50 mm wide Powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with 3M brand dual lock system / lock system as per OEM in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance and as per technical specifications. Sign internal Structure:Providing and fixing Framework of Aluminium 25mmx 25 mm hollow square sections. Shall be directly fixed to the sign frame. Suspender:Providing and fixing Stainless steel 25 x 25 mm Hollow sections (assuming typical length of 1 metre) mounted on slabs/ beams/ walls. All hardware used for fixing of sign shall be Stainless steel. The actual structural design of the sign for its stability shall be responsibility of the contractor and shall be designed with due consultation and approval from structural designer. Secret fixing methods should be used to fix parts together.	1.00	Each	85000.00	85000.00	INR Eighty Five Thousand Only
15	10.d) Directional Sign - 2.1 -G , 2.1a Refer design drawing 2.1 G for art work & 2.1aS, 2.1aG Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face:Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Graphics as per 2.1 Sign Frame:Sign frame 50 mm wide Powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with 3M brand dual lock system / lock system as per OEM in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance and as per technical specifications. Sign internal Structure:Providing and fixing Framework of Aluminium 25mmx 25 mm hollow square sections. Shall be directly fixed to the sign frame. Suspender:Providing and fixing Stainless steel 25 x 25 mm Hollow sections (assuming typical length of 1 metre) mounted on slabs/ beams/ walls. All hardware used for fixing of sign shall be Stainless steel. The actual structural design of the sign for its stability shall be responsibility of the contractor and shall be designed with due consultation and approval from structural designer. Secret fixing methods should be used to fix parts together.	1.00	Each	100000.00	100000.00	INR One Lakh Only

Signature

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1	2	3	4	5	6	7
18	11) Floor mounted directional sign - With FIDS - 2.1b-1 Refer design drawing 2.1b-1S & 2.1b-1G Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face: Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Graphics as per 2.1 Sign Frame: Sign frame 50 mm wide powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with the 3M brand dual lock system / lock system as per OEM in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance. Information panel: FIDS(LED Sreen 46") mounted on cross ties with brackets designed for the specific sign. FIDS is not in the scope of Signage contract. Sign Structure: All structural members in SS square post 100 x 100 mm, brush finished. base plate embedded below the floor finish and provided with a floor trim ring. Cover plate: 5mm thick SS cover plate mounted on flooring. The Post shall be always be a single continuous element without any joints. Cost to include all activities and temporary props used for a perfect vertical in plumb installation, etc. required for fixing the sign in an internal location. The actual structural design of the sign for its stability shall be responsibility of the	2.00	Each	125000.00	250000.00	INR Two Lakh Fifty Thousand Only
19	12.a) Floor mounted directional sign - Single - 2.1b-3 Refer design drawing 2.1b-3 S & 2.1b-3G Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Graphics as per 2.1 Sign face: Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Sign Frame: Sign frame 50 mm wide powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with the 3M brand dual lock system / lock system as per OEM in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance. Sign Structure: All structural members in SS square post 100 x 100 mm, brush finished. base plate embedded below the floor finish and provided with a floor trim ring. All hardware used for fixing of sign shall be Stainless steel. All hardware used for fixing of sign shall be Stainless steel. Projection supported of small plates 8mm thick and tension rod with threaded ends and turnbuckles for adjustments. Cover plate: 5mm thick SS cover plate mounted on flooring. The Post shall be always be a single continuous element without any joints. Cost to include all activities and temporary props used for a perfect vertical in plumb installation, etc. required for fixing the sign in an internal location. The actual structural design of the sign for its stability shall be responsibility of the contractor. Secret fixing methods should be used to	2.00	Each	95000.00	190000.00	INR One Lakh Ninety Thousand Only

Sl. No.	Item Description	Quantity	Units	BASIC RATE Excluding GST In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Excluding GST in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
22	13.a) Floor mounted directional sign - Double - 2.1b-4 Refer design drawing 2.1b-4 S & 2.1b-4G Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face: Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Sign Frame: Sign frame 50 mm wide powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with the 3M brand dual lock system / lock system as per OEM in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance. Sign Structure: All structural members in SS square post 100 x 100 mm, brush finished. base plate embedded below the floor finish and provided with a floor trim ring. All hardware used for fixing of sign shall be Stainless steel. All hardware used for fixing of sign shall be Stainless steel. Projection supported of small plates 8mm thick and tension rod with threaded ends and turnbuckles for adjustments. Cover plate: 5mm thick SS cover plate mounted on flooring. The Post shall be always be a single continuous element without any joints. Cost to include all activities and temporary props used for a perfect vertical in plumb installation, etc. required for fixing the sign in an internal location. The actual structural	1.00	Each	105000.00	105000.00	INR One Lakh Five Thousand Only
23	13.b) Floor mounted directional sign - Double - 2.1b-4 Refer design drawing 2.1b-4 S & 2.1b-4G Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face: Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Sign Frame: Sign frame 50 mm wide powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with the 3M brand dual lock system / lock system as per OEM in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance. Sign Structure: All structural members in SS square post 100 x 100 mm, brush finished. base plate embedded below the floor finish and provided with a floor trim ring. All hardware used for fixing of sign shall be Stainless steel. All hardware used for fixing of sign shall be Stainless steel. Projection supported of small plates 8mm thick and tension rod with threaded ends and turnbuckles for adjustments. Cover plate: 5mm thick SS cover plate mounted on flooring. The Post shall be always be a single continuous element without any joints. Cost to include all activities and temporary props used for a perfect vertical in plumb installation, etc. required for fixing the sign in an internal location. The actual structural	1.00	Each	110000.00	110000.00	INR One Lakh Ten Thousand Only

Signature

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1	2	3	4	5	6	7
27	14.c) Wall Mounted Directional sign - Sign Type 2.1c Refer design drawing 2.1c S & 2.1c G Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face:Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Graphics as per 2.1 Sign Frame:Sign frame 50 mm wide powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with the 3M brand dual lock system / lock system as per OEM in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance. Lighting:All internal illumination shall be using Power LED strip edge Lights from Osram or equivalent with electronic controllers, having even spread and overlaps to avoid banding and dark spots. Cost to include all	2.00	Each	90000.00	180000.00	INR One Lakh Eighty Thousand Only
28	15)Wall Projected Directional Sign - 2.1d Refer design drawing 2.1d-G, 2.1d-S Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face:Graphics - Plotter cut vinyl pantone Black 6 C, vinyl for text pantone yellow C or Cyan 311 C as per graphics, pasted over 5 mm thick white translucent 040 acrylic. Graphics shall be as per 2.1 Sign Frame:Sign frame 50 mm wide Powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with 3M brand dual lock system in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance and as per technical specifications. Sign Structure: All hardware used for fixing of sign shall be stainless steel; projection to be supported of small plates 8mm thick and tension rod with threaded ends and turnbuckles for adjustments. Secret fixing methods should be used to fix parts together. Lighting:All internal illumination shall be using Power LED strip edge lights from Osram or equivalent with	2.00	Each	70000.00	140000.00	INR One Lakh Forty Thousand Only
29	16.a)Wall Mounted / Ceiling Mounted Facility Announcer - 2.2a Refer design drawing 2.2a-G, 2.2a-S Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face:Graphics - Plotter cut vinyl pantone Black 6 C, vinyl for text pantone yellow C or Cyan 311 C as per graphics, pasted over 5mm thick white translucent 040 acrylic. Sign Frame:Sign frame 50 mm wide powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with the 3M brand dual lock system / lock system as per OEM in one side and 3M bothway tape from the other side. The panel should be made easily openable for maintenance and as per technical specifications. Lighting:All internal illumination shall be using Power LED Lights from Osram or equivalent with electronic controllers, having even spread and overlaps to avoid banding and dark spots and adhering to the LUX levels mentioned in the performance specification. Cost to include all internal connections and Wiring, terminating and connecting the incoming cable laid by Airport contractor at the site.	26.00	Each	31000.00	806000.00	INR Eight Lakh Six Thousand Only

Signature

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1	2	3	4	5	6	7
2	1.b) Airport Entry Portal - 1.1 Refer design drawing 1.1S, 1.1G Providing and fixing Non-illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge. All exterior signs should be manufactured considering harsh outdoor conditions, weatherproofing techniques and materials shall be used and as per technical specifications. Sign face: Providing and fixing sign face panels 3mm thick Aluminium sheet fabrication with a white retroreflective film, fixed to horizontal structural truss.. Graphics in plotter RAL 5013 exterior grade opaque vinyl pasted over white retroreflective vinyl Sign Frame : Sign frame in M.S. square section hot dipped galvanised 25 mm SHS as per drawing. Frame to receive the sign faces and as per technical specifications. Sign Structure: M.S square post 300x300 mm square section, hotdipped , galvanised and PU painted to match RAL9006 grouted in ground.Spanning truss shall be designed for each mounting section span. The tentative design and foundation drawings for this item is attached in the drawing section. The actual structural design of the sign for its stability shall be responsibility of the contractor and shall be designed with due consultation and approval from structural designer. Size of Signage as per design to accommodate - VEER SAVARKAR INTERNATIONAL AIRPORT, Letters in English and Hindi. (Matter given is only for a reference and tentative)	1.00	Each	525000.00	525000.00	INR Five Lakh Twenty Five Thousand Only
3	2) Terminal Building Announcer - 1.8 Refer design drawing 1.8S, 1.8G Providing and fixing Illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge. All exterior signs should be manufactured considering harsh outdoor conditions, weatherproofing techniques and materials shall be used and as per technical specifications. Letter face : White translucent 040, 5mm thick acrylic complete face shall be covered with translucent vinyl film to match blue pantone 541C Back Channel : A channel made out of aluminium to receive the front acrylic and house the controller and LEDs. pacer: Recommended for use for mounting the larger text in the glazing frame. Lighting: All internal illumination shall be using Power LED strip edge Lights from Osram or equivalent with electronic controllers, having even spread and overlaps to avoid banding and dark spots. Cost to include all internal connections and Wiring, terminating and connecting the incoming cable laid by Airport contractor at the site. The actual structural design of the sign for its stability shall be responsibility of the contractor. Secret fixing methods should be used to fix parts together and as per technical specifications. Accessories: Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, screws, rivets, bolts, washers, nuts, etc. complete as per drawing.>>	2.00	Job	525000.00	1050000.00	INR Ten Lakh Fifty Thousand Only
4	3) Periphery Airport Name Sign - 1.2 Refer design drawing 1.2S, 1.2G Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge. All exterior signs should be manufactured considering harsh outdoor conditions, weatherproofing techniques and materials shall be used and as per technical specifications. Sign Box : the sign box shall be made in 18 gauge thick aluminium in specified blue colour RAL 5013. Router cut, grooved and folded to achieve the desired shape as per drawing fixed with the internal frame structure. Sign face : 18 gauge thick powder coated aluminium in specified blue colour RAL 5013, shall be provided with backlit LED lighting and shall have laser cut profiles to receive milky white 6mm thick acrylic sheet from back. All panels fixed using counter sunk screws. The actual structural design of the sign for its stability shall be responsibility of the contractor and shall be designed with due consultation and approval from structural designer. Lighting: All internal illumination shall be using Power LED strip edge Lights from Osram or equivalent with electronic controllers, having even spread and overlaps to avoid banding and dark spots. Cost to include all internal connections and Wiring, terminating and connecting the incoming cable laid by Airport contractor at the site. The actual structural design of the sign for its stability shall be responsibility of the	1.00	Each	150000.00	150000.00	INR One Lakh Fifty Thousand Only

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1	2	3	4	5	6	7
8	6)Traffic Statutory Sign-1.4a Refer design drawing 1.4a-S, 1.4a-2G Providing and fixing Non-Illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge. All exterior signs should be manufactured considering harsh outdoor conditions, weatherproofing techniques and materials shall be used and as per technical specifications. Sign face: Providing and fixing sign face panels 3mm thick Aluminium sheet fabrication fixed to two sides of sign structure with a white refrerfective film and red pantone 485c and black pantone 6C vinyl. Sign Frame :Sign frame in M.S. square section hot dipped galvanised 25 mm SHS as per drawing. Frame to receive the sign faces and as per technical specifications. Sign Structure:MS square post 50x50mm,hot dipped galvanised and powder coated to match RAL 9006 grouted in ground. All hardware to be used for fixing of sign shall be of stainless steel. Foundation: Providing and laying foundation for the sign including its compaction and all activities like Excavation, PCC base layer, providing and fixing in position electrical connection wherever applicable and finished as per drawing. The	1.00	Each	15000.00	15000.00	INR Fifteen Thousand Only
9	7)Arrival / Departure Zone Marker -1.6a Refer design drawing 1.6a-G, 1.6a-S Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge. All exterior signs should be manufactured considering harsh outdoor conditions, weatherproofing techniques and materials shall be used and as per technical specifications. Sign Face: Entire Sign face all 4 sides, to be made of printed vinyl flex of high quality, with the letters/ pictogram to match Pantone Black 6C and the rest of the vinyl to match Yellow Pantone Yellow C. To be mounted onto framework using appropriate clips and edge ties to be perfectly taut with no sagging. Sign Suspender: Stainless steel Hollow section 100 mm Outer Dia. mounted from slabs/ beams/ walls. Sign Frame: 25 mm x 25 mm MS square sections welded together to form a framework. All hardware used for fixing of sign shall be Stainless steel. Secret fixing methods should be used to fix parts together. Lighting: All internal illumination shall be using Power LED Lights from Osram or equivalent with electronic controllers, having even spread and overlaps to avoid banding and dark spots. Cost to include all internal connections and Wiring, terminating and connecting the incoming cable laid by Airport contractor at the site. The actual structural design of the sign for its stability shall be responsibility of the contactor. Secret fixing	2.00	Each	75000.00	150000.00	INR One Lakh Fifty Thousand Only

Signature

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1	2	3	4	5	6	7
12	10.a) Directional Sign - 2.1 -G , 2.1a Refer design drawing 2.1 G for art work & 2.1aS, 2.1aG Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face:Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Graphics as per 2.1 Sign Frame:Sign frame 50 mm wide Powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with 3M brand dual lock system / lock system as per OEM in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance and as per technical specifications. Sign internal Structure:Providing and fixing Framework of Aluminium 25mmx 25 mm hollow square sections. Shall be directly fixed to the sign frame. Suspender:Providing and fixing Stainless steel 25 x 25 mm Hollow sections (assuming typical length of 1 metre) mounted on slabs/ beams/ walls. All hardware used for fixing of sign shall be Stainless steel. The actual structural design of the sign for its stability shall be responsibility of the contractor and shall be designed with due consultation and approval from structural designer. Secret fixing methods should be used to fix parts together.	4.00	Each	75000.00	300000.00	INR Three Lakh Only
13	10.b)Directional Sign - 2.1 -G , 2.1a Refer design drawing 2.1 G for art work & 2.1aS, 2.1aG Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face:Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Graphics as per 2.1 Sign Frame:Sign frame 50 mm wide Powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with 3M brand dual lock system / lock system as per OEM in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance and as per technical specifications. Sign internal Structure:Providing and fixing Framework of Aluminium 25mmx 25 mm hollow square sections. Shall be directly fixed to the sign frame. Suspender:Providing and fixing Stainless steel 25 x 25 mm Hollow sections (assuming typical length of 1 metre) mounted on slabs/ beams/ walls. All hardware used for fixing of sign shall be Stainless steel. The actual structural design of the sign for its stability shall be responsibility of the contractor and shall be designed with due consultation and approval from structural designer. Secret fixing methods should be used to fix parts together.	1.00	Each	80000.00	80000.00	INR Eighty Thousand Only

Signature

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1	2	3	4	5	6	7
16	10.e) Directional Sign - 2.1 -G , 2.1a Refer design drawing 2.1 G for art work & 2.1aS, 2.1aG Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face:Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Graphics as per 2.1 Sign Frame:Sign frame 50 mm wide Powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with 3M brand dual lock system / lock system as per OEM in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance and as per technical specifications. Sign internal Structure:Providing and fixing Framework of Aluminium 25mmx 25 mm hollow square sections. Shall be directly fixed to the sign frame. Suspender:Providing and fixing Stainless steel 25 x 25 mm Hollow sections (assuming typical length of 1 metre) mounted on slabs/ beams/ walls. All hardware used for fixing of sign shall be Stainless steel. The actual structural design of the sign for its stability shall be responsibility of the contractor and shall be designed with due consultation and approval from structural designer. Secret fixing methods should be used to fix parts together.	1.00	Each	105000.00	105000.00	INR One Lakh Five Thousand Only
17	10.f) Directional Sign - 2.1 -G , 2.1a Refer design drawing 2.1 G for art work & 2.1aS, 2.1aG Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face:Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Graphics as per 2.1 Sign Frame:Sign frame 50 mm wide Powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with 3M brand dual lock system / lock system as per OEM in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance and as per technical specifications. Sign internal Structure:Providing and fixing Framework of Aluminium 25mmx 25 mm hollow square sections. Shall be directly fixed to the sign frame. Suspender:Providing and fixing Stainless steel 25 x 25 mm Hollow sections (assuming typical length of 1 metre) mounted on slabs/ beams/ walls. All hardware used for fixing of sign shall be Stainless steel. The actual structural design of the sign for its stability shall be responsibility of the contractor and shall be designed with due consultation and approval from structural designer. Secret fixing methods should be used to fix parts together.	4.00	Each	115000.00	460000.00	INR Four Lakh Sixty Thousand Only

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1	2	3	4	5	6	7
20	12.b) Floor mounted directional sign - Single - 2.1b-3 Refer design drawing 2.1b-3 S & 2.1b-3G Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Graphics as per 2.1 Sign face: Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Sign Frame: Sign frame 50 mm wide powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with the 3M brand dual lock system / lock system as per OEM in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance. Sign Structure: All structural members in SS square post 100 x 100 mm, brush finished. base plate embedded below the floor finish and provided with a floor trim ring. All hardware used for fixing of sign shall be Stainless steel. All hardware used for fixing of sign shall be Stainless steel. Projection supported of small plates 8mm thick and tension rod with threaded ends and turnbuckles for adjustments. Cover plate: 5mm thick SS cover plate mounted on flooring. The Post shall be always be a single continuous element without any joints. Cost to include all activities and temporary props used for a perfect vertical in plumb installation, etc. required for fixing the sign in an internal location. The actual structural design of the sign for its stability shall be responsibility of the contractor. Secret fixing methods should be used to	1.00	Each	100000.00	100000.00	INR One Lakh Only
21	12.c) Floor mounted directional sign - Single - 2.1b-3 Refer design drawing 2.1b-3 S & 2.1b-3G Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Graphics as per 2.1 Sign face: Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Sign Frame: Sign frame 50 mm wide powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with the 3M brand dual lock system / lock system as per OEM in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance. Sign Structure: All structural members in SS square post 100 x 100 mm, brush finished. base plate embedded below the floor finish and provided with a floor trim ring. All hardware used for fixing of sign shall be Stainless steel. All hardware used for fixing of sign shall be Stainless steel. Projection supported of small plates 8mm thick and tension rod with threaded ends and turnbuckles for adjustments. Cover plate: 5mm thick SS cover plate mounted on flooring. The Post shall be always be a single continuous element without any joints. Cost to include all activities and temporary props used for a perfect vertical in plumb installation, etc. required for fixing the sign in an internal location. The actual structural design of the sign for its stability shall be responsibility of the contractor. Secret fixing methods should be used to	1.00	Each	100000.00	100000.00	INR One Lakh Only

Signature

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1	2	3	4	5	6	7
24	13.c) Floor mounted directional sign - Double - 2.1b-4 Refer design drawing 2.1b-4 S & 2.1b-4G Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face: Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut. Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Sign Frame: Sign frame 50 mm wide powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with the 3M brand dual lock system / lock system as per OEM in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance. Sign Structure: All structural members in SS square post 100 x 100 mm, brush finished, base plate embedded below the floor finish and provided with a floor trim ring. All hardware used for fixing of sign shall be Stainless steel. All hardware used for fixing of sign shall be Stainless steel. Projection supported of small plates 8mm thick and tension rod with threaded ends and turnbuckles for adjustments. Cover plate: 5mm thick SS cover plate mounted on flooring. The Post shall be always be a single continuous element without any joints. Cost to include all activities and temporary props used for a perfect vertical in plumb installation, etc. required for fixing the sign in an internal location. The actual structural	1.00	Each	115000.00	115000.00	INR One Lakh Fifteen Thousand Only
25	14.a) Wall Mounted Directional sign - Sign Type 2.1c Refer design drawing 2.1c S & 2.1c G Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face: Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut. Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Graphics as per 2.1 Sign Frame: Sign frame 50 mm wide powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with the 3M brand dual lock system / lock system as per OEM in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance. Lighting: All internal illumination shall be using Power LED strip edge Lights from Osram or equivalent with electronic controllers, having even spread and overlaps to avoid banding and dark spots. Cost to include all	2.00	Each	70000.00	140000.00	INR One Lakh Forty Thousand Only
26	14.b) Wall Mounted Directional sign - Sign Type 2.1c Refer design drawing 2.1c S & 2.1c G Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face: Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut. Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Graphics as per 2.1 Sign Frame: Sign frame 50 mm wide powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with the 3M brand dual lock system / lock system as per OEM in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance. Lighting: All internal illumination shall be using Power LED strip edge Lights from Osram or equivalent with electronic controllers, having even spread and overlaps to avoid banding and dark spots. Cost to include all	2.00	Each	80000.00	160000.00	INR One Lakh Sixty Thousand Only

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1	2	3	4	5	6	7
30	16.b) Wall Mounted / Ceiling Mounted Facility Announcer - 2.2a Refer design drawing 2.2a-G, 2.2a-S Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face: Graphics - Plotter cut vinyl pantone Black 6 C, vinyl for text pantone yellow C or Cyan 311 C as per graphics, pasted over 5mm thick white translucent 040 acrylic. Sign Frame: Sign frame 50 mm wide powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with the 3M brand dual lock system / lock system as per OEM in one side and 3M bothway tape from the other side. The panel should be made easily openable for maintenance and as per technical specifications. Lighting: All internal illumination shall be using Power LED Lights from Osram or equivalent with electronic controllers, having even spread and overlaps to avoid banding and dark spots and adhering to the LUX levels mentioned in the performance specification. Cost to include all internal connections and Wiring, terminating and connecting the incoming cable laid by Airport contractor at the site.	3.00	Each	27000.00	81000.00	INR Eighty One Thousand Only
31	17) Wall Projected Facility Announcer - 2.2b Refer design drawing 2.2b-G, 2.2b-S Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face: Graphics - Plotter cut vinyl pantone Black 6 C, vinyl for text pantone yellow C or Cyan 311 C as per graphics, pasted over 5mm thick white translucent 040 acrylic. Sign Frame: Sign frame 50 mm wide powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with the 3M brand dual lock system/ lock system as per OEM in one side and 3M bothway tape from the other side. The panel should be made easily openable for maintenance and as per technical specifications. All hardware used for fixing of sign shall be stainless steel, projection to be supported internally by side mounting of SS frame. Lighting: All internal illumination shall be using Power LED strip edge Lights from Osram or equivalent with electronic controllers, having even spread and overlaps to avoid banding and dark spots and adhering to the LUX levels mentioned in the performance specification. Cost to include all internal connections and Wiring, terminating and connecting the incoming cable laid by Airport contractor at the site.	2.00	Each	29000.00	58000.00	INR Fifty Eight Thousand Only
32	18) Door Mounted Facility Announcer-2.2 C Refer design drawing 2.2C-S, 2.2C-G Providing and fixing non illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face: Graphics - Plotter cut vinyl pantone Black 6 C, vinyl for text pantone yellow C or Cyan 311 C as per graphics, pasted over 5mm thick white translucent 040 acrylic. Sign Structure: 25mm wide aluminium extrusion with inbuilt frame to receive the sign face. The panel should be made easily openable for maintenance. <i>Size of signpost: 600mm x 200mm. To be provided for various office / utility rooms.</i>	76.00	Each	2500.00	190000.00	INR One Lakh Ninety Thousand Only

Signature

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1	2	3	4	5	6	7
42	26.b) Utility Signage - Washroom/Drinking water /Baby Care -2.4a Refer design drawing 2.4a-S, 2.4a-G Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face:Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. Entire panel covered with a protective over laminate. The films to wrap around the edge of the acrylic to a distance of 25 mm on the back side. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Sign Frame:Sign frame 50 mm wide powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with the 3M brand dual lock system in one side and 3M bothway tape from the other side. The panel should be made easily openable for maintenance. Sign Structure (Type - 1 - Wall Projected) :Wall projected signage internal supports of Stainless Steel 50x50 SHS. Lighting:All internal illumination shall be using Power LED strip edge Lights with electronic controllers, having	10.00	Each	19000.00	190000.00	INR One Lakh Ninety Thousand Only
43	27) Lift no Sign - 2.4c Refer design drawing 2.4c-S, 2.4c-GProviding and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face:Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Sign Frame:Sign frame 50 mm wide Powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with 3M brand dual lock system in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance. Sign internal Structure:Providing and fixing Framework of Aluminium 25mmx 25 mm hollow square sections. Shall be directly fixed to the sign frame. Lighting:All internal illumination shall be using Power LED Lights from Osram or equivalent with electronic controllers, having even spread and overlaps to avoid banding and dark spots. Cost to include all internal	20.00	Each	17000.00	340000.00	INR Three Lakh Forty Thousand Only
44	28) Emergency Direction Signs - 2.6a Refer design drawing 2.6a-G, 2.6a-SProviding and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face:Sign face shall be made in 6mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour Pantone Green 362 as per graphics and of specified make duly approved by the Engineer-in-Charge. Sign Frame:Sign frame fabricated using 1.5mm MS CRCA sheet, powder coated, colour white with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with 3M brand double side tape from inside. The panel should be made easily openable for maintenance. Sign suspender:Suspenders made of stainless steel circular pipe of 35 mm dia. Shall be directly fixed to the sign frame. Lighting:All internal illumination shall be using Power LED Lights from Osram or equivalent with electronic controllers, having even spread and overlaps to avoid banding and dark spots. Cost to include all internal	16.00	Each	18000.00	288000.00	INR Two Lakh Eighty Eight Thousand Only
45	29) Emergency Signs - Photoluminescent Signs - 2.6b1, 2.6b2 , 2.6 b3 2.6 b4 & 2.6 b5 Refer design drawing 2.6b Providing and fixing photoluminescent signs glow in dark in case of no lights in case of power failure. All signs shall be screen printed using artworks provided and with photoluminescent materials as per technical specifications. Screen printing shall be done on self adhesive vinyl and pasted on 2mmthick powder coated white aluminium plate and fixed at location using screws. At locations with available flatand no porous surfaces the printd vinyl can be applied directly. Sign placement shall be as per design drawing .	20.00	SQ.MTR	10000.00	200000.00	INR Two Lakh Only

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1	2	3	4	5	6	7
33	19) Counter mounted facility Announcer - 2.2d-1 Refer design drawing 2.2d-1S, 2.2d-1G Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-In-Charge and as per technical specifications. Sign face: Graphics - Plotter cut vinyl pantone Black 6 C, vinyl for text pantone yellow C or Cyan 311 C as per graphics, pasted over 5mm thick white translucent 040 acrylic. Sign Frame:Sign frame 50 mm wide powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with the 3M brand dual lock system in one side and 3M bothway tape from the other side. The panel should be made easily openable on one side for maintenance. Sign Structure: All structural members in stainless steel, hollow box section 75mm x75mm brush finish integrated with the design of counter mounted on floor with all data and electrical cabling concealed inside, base plate embedded below the floor finish and provided with a floor trim ring. All hardware used for fixing of sign shall be stainless steel. The Post shall be always be a single continuous element without any joints. Cost to include all activities and temporary props used for a perfect vertical in plumb installation, etc. required for fixing the sign in an internal location.	6.00	Each	29000.00	174000.00	INR One Lakh Seventy Four Thousand Only
34	20) Counter mounted facility Announcer with screen- 2.2d-2 Ceiling Hung facility announcer Ref Design drawing 2.2d-2S, 2.2d-2-G Sign face: Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge and as per technical specifications. Sign Frame:Sign frame 100 mm wide Powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with 3M brand dual lock system in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance. Sign Structure:All structural members in SS square post 100 x 100 mm, brush finished. base plate embedded below the floor finish and provided with a floor trim ring. All hardware used for fixing of sign shall be Stainless steel. Lighting:All internal illumination shall be using Power LED strip edge Lights from Osram or equivalent with	14.00	Each	90000.00	1260000.00	INR Twelve Lakh Sixty Thousand Only
35	21.a) Ceiling Hung / Wall mounted/ Floor mounted facility Announcer - 2.2e - 1 Ceiling Hung facility announcer Ref Design drawing 2.2e-1S, 2.2e-1-G Sign face: Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge and as per technical specifications. Sign Frame: Sign frame 50 mm wide Powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with 3M brand dual lock system in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance. Sign internal Structure:Providing and fixing Framework of Aluminium 25mmx 25 mm hollow square sections. Shall be directly fixed to the sign frame. Suspender:Providing and fixing Stainless steel 25 x 25 mm Hollow sections (assuming typical length of 1 metre) mounted on slabs/ beams/ walls. All hardware used for fixing	16.00	Each	29000.00	464000.00	INR Four Lakh Sixty Four Thousand Only

Signature

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1	2	3	4	5	6	7
36	21.b) Ceiling Hung / Wall mounted/ Floor mounted facility Announcer - 2.2e - 1 Ceiling Hung facility announcer Ref Design drawing 2.2e-1S, 2.2e-1-G Sign face: Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge and as per technical specifications. Sign Frame: Sign frame 50 mm wide Powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with 3M brand dual lock system in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance. Sign internal Structure: Providing and fixing Framework of Aluminium 25mmx 25 mm hollow square sections. Shall be directly fixed to the sign frame.Suspender:Providing and fixing Stainless steel 25 x 25 mm Hollow sections (assuming typical length of 1 metre) mounted on slabs/ beams/ walls. All hardware used for fixing	6.00	Each	35000.00	210000.00	INR Two Lakh Ten Thousand Only
37	22) Floor Mounted Facility Announcer 2.2 f Ceiling Hung facility announcer Ref Design drawing 2.2f-S, 2.2f-G Sign face: Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge and as per technical specifications. Sign Frame: Sign frame 50 mm wide Powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with 3M brand dual lock system in one side and 3M double side tape from the other side. The panel should be made easily openable for maintenance. Sign Structure: All structural members in SS square post 100 x 100 mm, brush finished. base plate embedded below the floor finish and provided with a floor trim ring. All hardware used for fixing of sign shall be Stainless steel.Cover plate: 5mm thick SS cover plate mounted on flooring. The Post shall be always be a single	6.00	Each	42000.00	252000.00	INR Two Lakh Fifty Two Thousand Only
38	23) Boarding Gates - Wall Mounted - 2.2g-3 Refer design drawing 2.2g3-S, 2.2g3-G with FIDS Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face:Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics with a provision of through and through cut out for information panel FIDS screen. Sign Frame: Sign frame 50 mm wide powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with the 3M brand dual lock system. The panel should be made easily openable for maintenance and as per technical specifications.Information Panel / FIDS : Fixing of 32" LED screens mounted on cross ties internally, with brackets designed for the specified sizes. (Monitors supply not in scope of this contract) Lighting: All internal illumination shall be using Power LED Lights(Edge lighting - 6500K, 24 v, with optimal homogeneous backlighting & light Throw of minimum 4 ft.) with electronic controllers, having even spread	8.00	Each	95000.00	760000.00	INR Seven Lakh Sixty Thousand Only

Signature

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1	2	3	4	5	6	7
39	24) Belt No. sign - Floor Mounted - 2.2h (For conveyor Belt / Aerobridge signage / Bay Signage) Refer design drawing 2.2h-S, 2.2h-G Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign Box: Sign box with laser cut Bent Fabrication in 5 mm thick clear acrylic with pantone yellow C Vinyl pasted over acrylic with white diffuser film on inside face. Blockout vinyl for text Pantone Black 6C. Complete box excluding bottom side is lit with internal LED lighting. Acrylic fabrication shall have transparent structural supports for obstruction free lighting. Box to be directly mounted on the sign structure. Bottom panel: Bottom MS Panel powder coated in colour to match Vinyl Black of Pantone Black 6C. Sign Structure: Internal structure of MS, fixed to column using brackets. Cost to include all activities required for fixing the sign in an internal location. The actual structural design of the sign for its stability shall be responsibility of the contractor. Secret fixing methods should be used to fix parts together. lighting: All internal illumination shall be using power LED strip edge lights with electronic controllers, having even spread and overlaps to avoid banding	17.00	Each	27000.00	459000.00	INR Four Lakh Fifty Nine Thousand Only
40	25) (Airport) Zonal Route Map - 2.3a Refer design drawing 2.3a-S, 2.3a-G Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face: Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Sign Frame: Sign frame 50 mm wide powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with the 3M brand dual lock system in one side and 3M bothway tape from the other side. The panel should be made easily openable for maintenance. Sign Structure: All structural members in SS square post 75 x 75 and horizontal cross tie member square sections 75x75mm, brush finished, base plate embedded below the floor finish and provided with a floor trim ring. All hardware used for fixing of sign shall be Stainless steel. Post including SS base Plate and Gussets in	3.00	Each	100000.00	300000.00	INR Three Lakh Only
41	26.a) Utility Signage - Washroom/Drinking water /Baby Care -2.4a Refer design drawing 2.4a-S, 2.4a-G Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications. Sign face: Sign face shall be made in 5 mm thick 040 white acrylic having graphics pasted in Plotter cut Blockout vinyl. Entire panel covered with a protective over laminate. The films to wrap around the edge of the acrylic to a distance of 25 mm on the back side. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Sign Frame: Sign frame 50 mm wide powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with the 3M brand dual lock system in one side and 3M bothway tape from the other side. The panel should be made easily openable for maintenance. Sign Structure (Type - 1 - Wall Projected): Wall projected signage internal supports of Stainless Steel 50x50 SHS. Lighting: All internal illumination shall be using Power LED strip edge Lights with electronic controllers, having	41.00	Each	18000.00	738000.00	INR Seven Lakh Thirty Eight Thousand Only

Deep

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1	2	3	4	5	6	7
46	30) Emergency Signs - Assembly point Signs -2.6c Sign face: All signs are screen printed using artworks provided and with photoluminescent material as per technical specifications. Screen printing shall be done on self adhesive vinyl and pasted on 2mm thick powder coated white aluminium plate and fixed at locations using screws. Sign Structure: Internal M.S. structure receiving the signs faces using equal angles, hot dipped galvanised and welded to the sign posts. Sign post: MS post PU painted to match RAL 9011 grouted in ground with concrete footing as per detail. Size of Signage - 595 x 420	5.00	Each	9500.00	47500.00	INR Forty Seven Thousand Five Hundred Only
47	31) Emergency Signs - Fire Life Safety Layout -2.6d All signs are digitally printed using artworks made specific to each location. Laminated digital prints on photoluminescent self adhesive film mounted on 3mm thick white acrylic plate. All location with available flat and non-porous surfaces like glass laminate panels, cladding- the printed vinyl can be applied directly. Size of Signage - 595 x 420	9.00	Each	2000.00	18000.00	INR Eighteen Thousand Only
48	32) Information Sign - 2.7b Refer design drawing 2.7b-G, 2.7b-S Providing and fixing non illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge and as per technical specifications.>> Sign panel: MS CRCA Powder coated 95% Black fabricated as complete box mounted on structure. Sign face to receive 6mm thick clear Polycarbonate positioned using magnets to sandwich printed graphics. Poster: Printed paper inserted between Clear polycarbonate and back panel Sign structure: MS cladding in powder coated RAL 9006. MS panels fixed over MS internal structure. All internal structure to be Hot-dipped galvanised after fabrication. Base to have heavy plate and castor for easy movement. Side panels: Stainless steel panels with 35 mm return fixed on either side of sign mounted on central structure. Thickness of face polycarbonate shall be selected for the rigidity as per size and to retain flatness. Accessories: Providing and fixing all accessories such as thimbles, end connectors, nut-	10.00	Each	32000.00	320000.00	INR Three Lakh Twenty Thousand Only
49	33) Provision of 3M stickers as per graphics assigned by the engineer in-charge(for glass panelled counters and offices)	50.00	SQ.MTR	4000.00	200000.00	INR Two Lakh Only
50	34) Wiring with 3 core , 1.5 Sq.mm, FRLS PVC sheathed , PVC insulated , cable in surface /recessed medium class PVC conduit (including supply of PVC conduit and accessories) as required.	1,000.00	M	346.00	346000.00	INR Three Lakh Forty Six Thousand Only
Total in Figures					15331500.00	INR One Crore Fifty Three Lakh Thirty One Thousand Five Hundred
Quoted Rate in Words		INR One Crore Fifty Three Lakh Thirty One Thousand Five Hundred Only				

* Applicable GST will be paid extra on production of documentary evidence.

Signature
06/05/22