

भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA
डिब्रूगढ़ हवाईअड्डा, डिब्रूगढ़
DIBRUGARH AIRPORT, DIBRUGARH

संदर्भ संख्या/Ref.No.: AAI/DIB/Engg.-Elect/SIGNAGE/CW-02/2022-23/ 72-77 दिनांक/ Date: 15.07.2022

सेवा में,

To,

मैससे विनायक इन्फ्रा साइन्स & प्रोजेक्ट्स
प्राइवेट लिमिटेड,
24, पूजित प्लाज़, सैक्टर-11, सीवीडी बेलपुर,
नवी मुम्बई, ठाणे,
महाराष्ट्र 400706

M/s Vinayak Infra Signs &
Projects Pvt. Ltd.,

24, Pujit Plaza, Sector-11, CBD, Belapur,
Navi.Mumbai, Thane,
Maharashtra- 400706

विषय: प्रोविजन ऑफ़ वेफाइंडिंग साइनिज एट डिब्रूगढ़ एयरपोर्ट, डिब्रूगढ़।

Sub: Provision of Wayfinding Signage at Dibrugarh Airport, Dibrugarh.

Ref: Price Bid Opened in CPP portal on 20.06.2022

Tender ID: 2022_AAI_116208_1

महोदय/Sir,

1. उल्लिखित कार्य हेतु आपकी ई निविदा के सम्बन्ध में, आपके द्वारा उद्धरित राशि कुल रु. **57,20,000.00** (रुपये सत्तावन लाख बीस हजार मात्र) (जी.एस.टी. के बिना), जो कि निविदा की औचित्तीय मूल्य राशि रु. 72,91,528/- मात्र से 21.55% कम है, को अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है। जीएसटी चालान के उत्पादन पर वास्तविक के अनुसार अतिरिक्त जीएसटी राशि का भुगतान किया जाएगा।

Your E-tender for the above-mentioned work is hereby accepted on behalf of the Chairman, Airports Authority of India at the item rates quoted by you totaling **Rs. 57,20,000.00 (Rupees Fifty-Seven Lakh Twenty Thousand Only) (excluding GST)** which is 21.55% below the Justified cost Rs. 72,91,528/- only. Amount of GST will be paid extra as per actual on production of GST invoice.

2. सहायक महाप्रबंधक (इंजी.-विद्युत), डिब्रूगढ़ हवाईअड्डा, कार्य के लिए प्रभारी इंजीनियर होंगे। आपसे अनुरोध है कि आप अपना प्राधिकृत प्रतिनिधि जिसे कि आप की ओर से संविदा करार पर हस्ताक्षर करने की शक्ति दी गई है को सहायक महाप्रबंधक (इंजी.-विद्युत) के कार्यालय में करार पर हस्ताक्षर करने के लिए दिनांक **30.07.2022** तक तैनात करें। (संविदा करार सौ रुपये के नॉन ज्युडिशियल स्टाम्प पेपर पर निष्पादित किया जाएगा और स्टाम्प पेपर की लागत आपको ही वहन करनी होगी।) **AGM (Engg.-E), Dibrugarh Airport**, shall be the Engineer-In-Charge of the work. You are requested to depute your accredited representative, empowered to sign the contract agreement on your behalf to attend the office of the **AGM (Engg.-E)** by **30.07.2022** to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.100.00 (Rupees One Hundred) only and the cost of the stamp paper shall be borne by you.

3. कृपया सुरक्षा जमा राशि रु **4,26,169.00 (रुपए चार लाख छब्बीस हजार एक सौ उनहत्तर मात्र)** इस पत्र के जारी होने की तारीख से 10 (दस) दिनों के भीतर जमा करें। ऐसे न करने पर, संविदा के अनुसार यह राशि आपके रनिंग बिल में से काट दिया जाएगा। प्राप्त ई.एम.डी की राशि 1,45,831.00 सुरक्षा जमा में समायोजित कर लिया गया है। सुरक्षा जमा दोष दायित्व अवधि के संतोषजनक पूरा होने के बाद ही वापस किया जाएगा।

Please deposit **Rs. 4,26,169.00 (Rupees Four Lakh Twenty-Six Thousand One Hundred and Sixty-Nine Only)** towards security deposit within 10 (Ten) days from the date of issue of this letter, failing which, the same will be deducted from your running bill as per contract agreement. An amount of Rs. 1,45,831.00 received as EMD has been adjusted in the security deposit. The Security deposit shall be refunded only after satisfactory completion of defect liability period.

4. आपसे अनुरोध है कि अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम 1970 और अनुबंध श्रम (विनियमन और उन्मूलन) केंद्रीय नियम 1971, बाल श्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण कार्यकर्ताओं (रोजगार और सेवा की शर्त का विनियमन)) अधिनियम 1996, बिल्डिंग और अन्य निर्माण श्रमिक कल्याण सेस अधिनियम 1996 केंद्रीय और राज्य सरकार के नियमों का पालन करें।

You are requested to comply with the provision of Contract labour (Regulation and Abolition) Act 1970 and contract labour (Regulation and Abolition) Central rules 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 of Central and State Government.

5. आपको निर्देश दिए जाते हैं कि आप प्रबंधक (अभि.- विद्युत), भा.वि.प्र., डिब्रूगढ़ हवाईअड्डा, से तत्काल सम्पर्क करें जो कि आपको कार्यस्थल सुपेर्द करने की व्यवस्था करेंगे। कृपया यह नोट कर लें कि काम करने का समय 04 महीना है जिसे तारीख **25.07.2022** से गिना जाएगा।

You are directed to contact **Manager (Engg-E), AAI, Dibrugarh Airport**, immediately who will arrange to handover the site to you. Please note that the time allowed for carrying out the work is **04 MONTHS**, which shall be reckoned from **25.07.2022**.

6. अनुबंध की दोष देयता अवधि पूरा होने की दर्ज तिथि से 12 (बारह) महीने है। एल.ई.डी लाइट्स फिक्स्चर के लिए गारंटी/वारंटी काम पूरा होने की तारीख से 5 साल की होगी।

Defects liability period of contract is **12 (Twelve) months** from the recorded date of completion. The guarantee /warranty for LED lights fixture shall be 5 years from date of completion of work.

7. संविदा के संबंध में आगे किया जाने वाला पत्राचार समान्यतः सहायक महाप्रबंधक (इंजी.-विद्युत), भा.वि.प्र., डिब्रूगढ़ हवाईअड्डा, डिब्रूगढ़ -786012, से किया जाए।

Any further correspondence in connection with the contract should normally be addressed to the **AGM (Engg.-E), AAI, Dibrugarh Airport, Dibrugarh -786012**.

8. कृपया प्रतिग्रहण के टोकन के रूप में कार्य आदेश की प्राप्ति को स्वीकार करें ।

Please acknowledge the receipt of the Letter of Award as a token of acceptance.

9. यदि कहीं विसंगति पाई जाती है तो अंग्रेज़ी भाषा ही मान्य होगी ।

In case any discrepancy is found, then English version will be taken as correct.

भवदीय / Yours faithfully,



(आर. के. ग्रोवर)

(R.K. GROVER)

सहायक महा प्रबंधक (अभि.-विद्युत)

Asstt. Gen. Manager (Engg.- Elect.)

कृते तथा की ओर से अध्यक्ष, भा.वि.प्रा.

For and on behalf of Chairman, AAI

भा.वि.प्रा. डिब्रूगढ़ विमानपत्तन

AAI, Dibrugarh Airport

Encl:

(i) Schedule of Work

Copy to :-

1. GM (Engg.) - II, AAI, RHQ-NER, LGBI Airport, Guwahati-15
2. Jt. GM (Engg. -Elect.), RHQ-NER, Guwahati-15
3. APD, Dibrugarh Airport
4. AGM (Fin.), Dibrugarh Airport
5. Manager (E-E), Dibrugarh Airport.



**AIRPORTS AUTHORITY OF INDIA
DIBUGARH AIRPORT, DIBRUGARH**

SCHEDULE OF WORK

Name of Work: Provision of Wayfinding Signage at Dibrugarh Airport, Dibrugarh.

Item No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
1	Airport Entry Portal Signs placed on the approach road marking entry into the Airport site. The sign is located on top of a gantry. The sign bottom is 6000 mm from the road top finish level. 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 - 3mm thick Aluminium sheet fabrication with a whiteretroreflective film, fixed to horizontal structural truss. Graphics in plotter RAL 5013 exterior grade opaque vinyl pasted over whiteretroreflective vinyl. Sign Frame - Providing and fixing sign frame (Horizontal Spanning truss) in M.S. square section hot dipped galvanized as per drawing. Frame to be directly fixed to the sign structure. Frame to receive the sign faces. Sign structure - MS square post 300x300 and mounting square sections, hot dipped galvanized and PU Painted to match RAL 9006 grouted in ground. Spanning truss shall be designed for each mounting square section span and the wind loads. 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. 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 original finish after fixing and installation of sign. Accessories - Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, screws, rivets, bolts, washers, nuts, etc. complete as per drawing. Size of Signage as per actual road width to accommodate WELCOME TO DIBRUGARH AIRPORT inThree Languages.	1	Each	7,50,000.00	7,50,000.00

Item No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
2	Vehicular Directional Sign - Pole Mounted	8	Each	70,000.00	5,60,000.00
	Signs placed on internal roads of Airport to help align and manage vehicular traffic. The sign is flag-mounted on a pole, with the sign bottom being 2800 mm above the floor level. The panel is designed as per the graphic layout standards specified.				
	Refer design drawing 1.3a1-S, 1.3a1-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 - 3mm thick aluminium with a white retro-reflective film. Graphics in Plotter RAL:5013 Exterior grade opaque vinyl pasted over white retro- reflective vinyl.				
	Sign frame - M.S. frame 50x50mm hot dipped galvanized				
	Sign structure - MS square post 125x125 and mounting square sections 75x75mm, hot dipped galvanized and PU Painted to match RAL 9006 grouted in ground. Secret fixing methods should be used to fix parts together.				
	Cover plate - 225x225mm, 5 mm thick cover plate mounted on the flooring.				
	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.				
	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 original finish after fixing and installation of sign.				
	Accessories - Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, screws, rivets, bolts, washers, nuts, etc. complete as per drawing.	8	Each	70,000.00	5,60,000.00
	Size of Signage : 2100 x 1300				

Item No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
3	Traffic Statutory Sign	12	Each	12,000.00	1,44,000.00
	Signs placed on internal roads of Airport to enforce discipline for vehicular traffic and deliver relevant information. This sign is 2700mm high in total. The sign is mounted 2100 mm higher from the floor level.				
	Refer design drawing 1.4a-S, 1.4a-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 - 3mm thick aluminium on two sides of the sign structure with a white retro-reflective film and red Pantone 485C and black Pantone 6C vinyl.				
	Sign structure - MS square post 50x50, hot dipped galvanized and powder coated to match RAL 9006 grouted in ground. All hardware used for fixing of sign shall be Stainless steel.				
	Secret fixing methods should be used to fix parts together.				
	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.				
	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 original finish after fixing and installation of sign.				
	Accessories - Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, screws, rivets, bolts, washers, nuts, etc. complete as per drawing.				
	Size of Signage : Dia 600mm double sided				

Item No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
4	Airline Listing Announcer	2	Each	1,35,000.00	2,70,000.00
	Signs for segregating the departure passenger crowd flow according to the Air- carrier allocation. The sign is in form of a triangular totem with height 3600 mm and 900mm as a side.				
	Refer design drawing 1.5b-S, 1.5b-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. All exterior signs should be manufactured considering harsh outdoor conditions, weatherproofing techniques and materials shall be used and as per technical specifications.				
	Sign Box - Lasercut Bent Fabricated in clear acrylic 8mm thick with pantone yellowC Vinyl pasted on it with backlighting.				
	Sign face - 3 mm thick aluminium fabrication hot dipped galvanized mounted on the sign structure with black colour RAL 9011 with a provision of through and through laser cutting for airline branding panel.				
	Airline branding panel - Printed media vinyl pasted on 8mm thick 040 White translucent acrylic with a backlit provision.				
	Sign structure - MS square post 50x50mm, hot dipped galvanized and PU Painted to match RAL 9006 grouted in ground.				
	Crash Guard - Protection for sign from trollies, wheeled baggage in stainless steel pipe fixed with ss plate bracket.				
	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.				
	All hardware used for fixing of sign shall be Stainless steel. Secret fixing methods should be used to fix parts together.				
	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 original finish after fixing and installation of sign.				
	Accessories - Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, screws, rivets, bolts, washers, nuts, etc. complete as per drawing.				
	Lighting : All internal illumination shall be of LED (as per annexure -A) strip edge lights with electronic controllers, having even spread and overlaps to avoid banding and dark spots including all internal connections and wiring, terminating and connecting the incoming electrical supply cable from nearest available point at the site.				

Item No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
5	Arrival / Departure Zone Marker Signs for marking the Arrival/Departure zones. Placement: The sign is mounted from the ceiling using a suspender rod, or mounted over a pole if suspending is not feasible. The bottom of the cube is at 3000-4200mm higher from the floor finish level. Refer design drawing 1.6a-S, 1.6a-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. 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 Pantone Yellow C. To be mounted on to framework using appropriate clips and edge ties to be perfectly taut with no sagging. Suspender - Stainless steel Hollow section 100mm OD mounted on slabs/beams/ walls. Providing and fixing suspension for the signs using Stainless steel Hollow section 100mm OD (assuming typical length of 15 ft.), cut, fabricated as per drawing and provided with connectors plates for mounting with holes and entire assembly finished in brush finish as approved by the Engineer -in- charge. Suspender shall be made to required lengths for each sign for its location after studying the site and ensuring a perfectly aligned and leveled sign installation. This item includes all work done on false ceiling like opening/dismantling/local cutting to pass the suspender and reinstalling/doing good/assembling the same after fixing and installation on the sign. Sign Frame -25mm x 25mm M.S. square sections welded together to form a framework. Stretching member - 8mm thick acrylic strip fixed to the sign frame to help stretching the sign face. 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. All hardware used for fixing of sign shall be Stainless steel. Secret fixing methods should be used to fix parts together. Accessories - Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, screws, rivets, bolts, washers, nuts, etc. complete as per drawing. Lighting : All internal illumination shall be of LED (as per annexure -A) strip edge lights with electronic controllers, having even spread and overlaps to avoid banding and dark spots including all internal connections and wiring, terminating and connecting the incoming electrical supply cable from nearest available point at the site. Size of Signage - 1800x1800 - Four sided	2	Each	75,000.00	1,50,000.00

Item No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
6	Facility Announcers - Floor Mounted These signs help announce the various facilities on the airport. This sign is 3000 mm high in total. The cube is mounted 2400mm higher from the floor level. 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: Entire Sign face all 4 sides, White translucent 040 acrylic , 5mm thick with backlighting. Graphics – Plotter cut vinyl Pantone yellow, Blockout vinyl for text Pantone Black 6C, pasted over acrylic with white diffuser film on inside face. 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, hotdipped galvanised and P.U. painted to match RAL 9006 fixed to 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 slurry 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 and shall be designed with due consultation and approval from structural designer. Secret fixing methods should be used to fix parts together and as per technical specifications. Lighting : All internal illumination shall be of LED (as per annexure -A) strip edge lights with electronic controllers, having even spread and overlaps to avoid banding and dark spots including all internal connections and wiring, terminating and connecting the incoming electrical supply cable from nearest available point at the site. 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 original finish after fixing and installation of sign 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. Size of Signage - 600 x 600 - Four sided	2	Each	28,500.00	57,000.00

Item No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
7	Facility Announcers-Passenger Amenities Refer design drawing 1.7d-S, 1.7d-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. 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, White translucent 040 acrylic, 8mm thick with backlighting. Graphics – Plotter cut vinyl Pantone yellow, Blockout vinyl for text Pantone Black 6C, pasted over acrylic with white diffuser film on inside face. 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. 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/cabling for the required telephone connection in the provided niche. Bottom panel - Bottom MS Panel powder coated 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. Lighting: All internal illumination shall be of LED (as per annexure -A) strip edge lights with electronic controllers, having even spread and overlaps to avoid banding and dark spots including all internal connections and wiring, terminating and connecting the incoming electrical supply cable from nearest available point at the site. Accessories: Providing and fixing all accessories such as thimbles, end connectors, nut- inserts, screws, rivets, bolts, washers, nuts, etc. complete as per drawing. Size of Signage - 450 x 450 - Four sided	1	Each	27,000.00	27,000.00

Item No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
8	Terminal Building Announcer				
	Sign similar to design drawing 1.8 Providing & fixing of LED illuminated sign board of size 11500 mm length x 1220 mm height fixed on MS square pipe structure of 40x40x2.5 MM thick having 75mm wide aluminum extruded profiles.				
	Channel letter shall be made with fully automatised CNC bending machine with white traslucent 040, 5mm thick Acrylic sheet in front and 3mm thick ACP sheet tray on rear side. Letter fixed on ACP sheet of 3mm thick of approved colour on background as shown in the drawing with suitable illumination and clear night visibility. The dimension of all letter should have equal height of 600 mm in tri lingual Assam, Hindi, English " DIBRUGARH AIRPORT" along with AAI logo as per drawing.				
	Lighting: All internal illumination shall be of LED (as per annexure -A) strip edge lights with electronic controllers, having even spread and overlaps to avoid banding and dark spots including all internal connections and wiring, terminating and connecting the incoming electrical supply cable from nearest available point at the site. Cost includes transportation charges and fixing on City side Tensile Canopy Hung type including hiring of crane etc complete upto the satisfaction of Engineer-In charge.				
		42	sqm	18,000.00	7,56,000.00

Item No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
9	Ceiling Hung Directional Sign				
	These signs help direct the movement pattern of passenger to facilities, and are suspended from ceiling.				
	Refer design drawing 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 8 mm thick White translucent 040 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 as approved by the Engineer-in-Charge.				
	Sign Frame: Sign frame 50 mm wide aluminium extrusion with inbuilt frame to receive the sign face. 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 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 and as per technical specifications.				
	Lighting: All internal illumination shall be of LED (as per annexure -A) strip edge lights with electronic controllers, having even spread and overlaps to avoid banding and dark spots including all internal connections and wiring, terminating and connecting the incoming electrical supply cable from nearest available point at the site.				
	Accessories: Providing and fixing all accessories such as thimbles, end connectors, nut- inserts, screws, rivets, bolts, washers, nuts, etc. complete in all respect as per drawing/ specification as required.				
i)	Size of Signage - 2100 x 780 (3 Message) Wall/Projected/Ceiling Hung	2	Each	45,000.00	90,000.00
ii)	Size of Signage - 2100 x 515 (2 Message) Wall/Projected/Ceiling Hung	2	Each	42,000.00	84,000.00
iii)	Size of Signage - 2100 x 255 (1 Message) Wall/Projected/Ceiling Hung	16	Each	27,000.00	4,32,000.00

Item No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
10	Floor mounted directional sign - With FIDS				
	These signs help direct the movement pattern of passenger to facilities, and are floor mounted along with airline timings.				
	Refer design drawing 2.1b-1-S & 2.1b-1-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 8 mm thick White translucent 040 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 as approved by the Engineer-in-Charge.				
	Sign Frame: Sign frame 50 mm wide aluminium extrusion with inbuilt frame to receive the sign face. The panel should be made easily openable for maintenance and as per technical specifications.				
	Sign Structure: All structural members in Stainless Steel Hollow box section 100 x 100 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 : 5 mm thick SS cover 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 contactor and shall be designed with due consultation and approval from structural designer. Secret fixing methods should be used to fix parts together and as per technical specifications.				
	Information Panel: FIDS panel comprising of 46" LCD screen to be mounted on cross ties with brackets designed for the specific sizes. The FIDS panel shall be compatible for IP communication with the existing communication system at Airport.				
	Lighting: All internal illumination shall be of LED (as per annexure -A) strip edge lights with electronic controllers, having even spread and overlaps to avoid banding and dark spots including all internal connections and wiring, terminating and connecting the incoming electrical supply cable from nearest available point at the site.	2	Each	2,10,000.00	4,20,000.00
	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 original finish after fixing and installation of sign 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 in all respect as per drawing/ specification as required.				
	Size of Signage - 2100 x 1300 mm				

Item No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
11	Wall Mounted Facility Announcer	12	Each	22,000.00	2,64,000.00
	These signs announce the various facilities and are mounted on wall.				
	Refer design drawing 2.2a-S, 2.2a-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 8 mm thick White translucent 040 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 as approved by the Engineer-in-Charge.				
	Sign Frame: Sign frame 50 mm wide aluminium extrusion with inbuilt frame to receive the sign face. The panel should be made easily openable for maintenance and as per technical specifications.				
	Lighting: All internal illumination shall be of LED (as per annexure -A) strip edge lights with electronic controllers, having even spread and overlaps to avoid banding and dark spots including all internal connections and wiring, terminating and connecting the incoming electrical supply cable from nearest available point at the site.				
	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 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 in all respect as per drawing/ specification as required.	12	Each	22,000.00	2,64,000.00
	Size of Signage - 900 x 450				

Item No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
12	Ceiling Hung facility Announcer Sign - With Screen (Check-in-Counter) Ceiling Hung facility announcer with screens help identify the Check-in-Counters. Ref Design drawing 2.2e-2-S, 2.2e-2-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 8 mm thick White translucent 040 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 as approved by the Engineer-in-Charge. Information Panel : FIDS digital panel comprising of 32" LCD screen to be mounted on cross ties internally, with brackets designed for the specified sizes. The FIDS panel shall be compatible for IP communication with the existing communication system at Airport. Sign Frame: Sign frame 50 mm wide aluminium extrusion with inbuilt frame to receive the sign face. The panel should be made easily openable for maintenance and as per technical specifications. Suspender: Providing and fixing Stainless steel 25 x 25 mm Hollow sections mounted on slabs/ beams/ walls. All hardware used for fixing of sign shall be Stainless steel. Lighting: Lighting:All internal illumination shall be of LED (as per annexure -A) strip edge lights with electronic controllers, having even spread and overlaps to avoid banding and dark spots including all internal connections and wiring, terminating and connecting the incoming electrical supply cable from nearest available point at the site. The actual structural design of the sign for its stability shall be responsibility of the contactor and shall be designed with due consultation and approval from structural designer. 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 in all respect as per drawing. specification as required. Size of Signage - 1500 x 600	10	Each	70,000.00	7,00,000.00

Item No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
13	Boarding Gates - Wall Mounted				
	These sign help identify the boarding gates (remote or aero bridge). These also include the FIDS systems.				
	Refer design drawing 2.2g-3-S, 2.2g-3-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 8 mm thick White translucent 040 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 as approved by the Engineer-in-Charge.				
	Sign Frame: Sign frame 50 mm wide aluminium extrusion with inbuilt frame to receive the sign face. The panel should be made easily openable for maintenance and as per technical specifications.				
	FIDS digital panel comprising of 32" LED screen to be mounted on cross ties internally, with brackets designed for the specified sizes. The FIDS panel shall be compatible for IP communication with the existing communication system at Airport.				
	Lighting: All internal illumination shall be of LED (as per annexure -A) strip edge lights with electronic controllers, having even spread and overlaps to avoid banding and dark spots including all internal connections and wiring, terminating and connecting the incoming electrical supply cable from nearest available point at the site.				
	The actual structural design of the sign for its stability shall be responsibility of the contactor and shall be designed with due consultation and approval from structural designer. 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 in all respect as per drawing/ specification as required.	4	Each	1,15,000.00	4,60,000.00
	Size of Signage - 3000 x 600				

Item No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
14	Belt No. sign - Floor Mounted	2	Each	25,000.00	50,000.00
	These signs help identify the baggage screening machines in the check in areas. It also announce the airline carrier.				
	Refer design drawing 2.2h-S, 2.2h-G (Type- 2) 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: Entire Sign face all 4 sides, White translucent 040 acrylic, 8mm 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.				
	Bottom panel: Bottom MS Panel PU Painted in colour to match Vinyl Black of 95% (Pantone Black 6C).				
	Sign Structure: All structural members in Stainless Steel 75X75mm Hollow box section brush finish, 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 of LED (as per annexure -A) strip edge lights with electronic controllers, having even spread and overlaps to avoid banding and dark spots including all internal connections and wiring, terminating and connecting the incoming electrical supply cable from nearest available point at the site.				
	The actual structural design of the sign for its stability shall be responsibility of the contactor and shall be designed with due consultation and approval from structural designer. 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 in all respect as per drawing/ specification as required.				
	Size of signage - 600 x 600 - Four Sided				

Item No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
15	Baggage Screening - Box	2	Each	20,000.00	40,000.00
	These signs help identify the baggage screening machines in the check in areas. It also announce the airline carrier.				
	Refer design drawing 2.2j-2-S, 2.2j-2-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 Blockout vinyl Pantone Black 6C, vinyl for text Cyan Pantone 311C and printed vinyl media for airline logos as per graphics, pasted over 3 mm aluminium sheet.				
	Sign frame – MS frame made out of MS box sections 25x25, hot dipped galvanized. Fixed to top of baggage machine with bottom weights/mounting brackets.				
	The actual structural design of the sign for its stability shall be responsibility of the contactor and shall be designed with due consultation and approval from structural designer. Secret fixing methods should be used to fix parts together and as per technical specifications.				
	Size of signage - 900 x 900 - Four Sided.				

Item No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
16	(Airport) Zonal Route Map This sign is placed in interior of the airport terminal and contains building map highlighting the important facilities check in, boarding gates etc. 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-Graphics - Plotter cut Blockout vinyl Pantone Black 6C, vinyl for text Pantone Yellow C or Cyan 311C and printed vinyl media as per graphics, pasted over 8 mm thick white translucent 040 acrylic. Sign Frame: Aluminium frame 50 mm wide, openable on one side for maintenance, power coated, colour RAL 9006 and as per technical specifications. Sign Structure: All structural members in Stainless Steel 75 x 75 Hollow box section brush finish, 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. Secret fixing method should be used to fix parts together. 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 and as per technical specifications. Lighting: All internal illumination shall be of LED (as per annexure -A) strip edge lights with electronic controllers, having even spread and overlaps to avoid banding and dark spots including all internal connections and wiring, terminating and connecting the incoming electrical supply cable from nearest available point at the site. 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 original finish after fixing and installation of sign 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 in all respect as per drawing/ specification as required. Size of signage - 1800 x 1420	1	Each	85,000.00	85,000.00

Item No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
17	Washroom / Drinking Water / Baby Care These signs identify the key facilities essential to the passengers. 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: Graphics - Plotter cut Blockout vinyl Pantone Black 6C, vinyl for text Pantone Yellow C or Cyan 311C as per graphics, pasted over 8 mm thick acrylic. Sign Internal Structure (Type - 1 - Wall Projected and Type - 2 - Wall Mounted) : 50 mm wide aluminium extrusion with inbuilt frame to receive the sign face. The panel should be made easily openable for maintenance. Sign Structure (Type - 1 - Wall Projected) : All hardware used for fixing of sign shall be Stainless Steel. Projection supported internally by side mounting of SS frame. Lighting: All internal illumination shall be of LED (as per annexure -A) strip edge lights with electronic controllers, having even spread and overlaps to avoid banding and dark spots including all internal connections and wiring, terminating and connecting the incoming electrical supply cable from nearest available point at the site. The actual structural design of the sign for its stability shall be responsibility of the contactor. Secret fixing methods should be used to fix parts together. Accessories: Providing and fixing all accessories such as thimbles, end connectors, nut- inserts, screws, rivets, bolts, washers, nuts, etc. complete in all respect as per drawing/ specification as required.				
i)	Size of signage - 450 x 450 - (TYPE 1 - WALL PROJECTED)	10	Each	15,000.00	1,50,000.00
ii)	Size of signage - 450 x 450 - (TYPE 2 - WALL MOUNTED)	10	Each	15,000.00	1,50,000.00

Item No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
18	Lift No. Sign	4	Each	15,000.00	60,000.00
	These signs identify the lift numbers for easy identification.				
	Refer design drawing 2.4c-S, 2.4c-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: Graphics - Plotter cut Blockout vinyl Pantone Black 6C, vinyl for text Pantone Yellow C or Cyan 311C as per graphics, pasted over 040 acrylic.				
	Sign Internal Structure: 25 mm wide aluminium extrusion with inbuilt frame to receive the sign face. The panel should be made easily openable for maintenance.				
	Sign Structure (Type - 1 - Wall Projected) : All hardware used for fixing the sign shall be Stainless Steel. Projection supported internally by side mounting of SS frame.				
	Sign Structure (Type - 2 - Wall Mounted) : All hardware used for fixing the sign shall be Stainless Steel.				
	Lighting: All internal illumination shall be of LED (as per annexure -A) strip edge lights with electronic controllers, having even spread and overlaps to avoid banding and dark spots including all internal connections and wiring, terminating and connecting the incoming electrical supply cable from nearest available point at the site.				
	Accessories: Providing and fixing all accessories such as thimbles, end connectors, nut- inserts, screws, rivets, bolts, washers, nuts, etc. complete in all respect as per drawing/ specification as required.				
	Size of Signage - 450 x 450				

Item No.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
19	Emergency Signs- Photoluminiscent Signs These signs glow in dark in case of no light in case of power failure. 2.6b-5 & 6 shall be printed with all arrows directions and placed on walls along the escape route. Refer design drawing 2.6b 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. All signs are screen printinted using artworks provided and with photoluminiscent 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 and fixed at location using screws. At locations with available flat and non-porus surfaces, the printed vinyl can be applied directly.				
i)	Assembly Signage: Size 600x450mm	2	Each	1,500.00	3,000.00
ii)	Emergency Exit Signage: Size 600x150mm	10	Each	1,000.00	10,000.00
iii)	Exit Signage: Size 450x150mm	10	Each	800.00	8,000.00
Total (Excluding GST)					57,20,000.00

(Rupees Fifty Seven Lakh Twenty Thousand Only)(Excluding GST)


15/07/2022
(आर. के. ग्रोवर)

(R.K. GROVER)

सहायक महाप्रबंधक (अभि.-विद्युत)

Asstt. Gen. Manager (Engg.- Elect.)

भा.वि.प्रा. डिब्रूगढ़ विमानपत्तन

AAI, Dibrugarh Airport