



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA
श्रीनगर अंतराष्ट्रीय हवाई अड्डा श्रीनगर
SRINAGAR INT'L AIRPORT, SRINAGAR.

Ref No: AAI/SNR/ENGG (E)/ Signages/WO-18 /2024-25/ 227

Date: 30.11.2024

To,

M/s POSHDECOR,
Lodha estate behind mittal industrial Estate No.5
Andheri (East), Mumbai-400059

Name of Work: Provision of illuminated Signages at Srinagar Airport.

Ref : 1. Tender Id No: 2024_AAI_205988_1 dated 24.08.2024
2. Your price bid opened on dt. 08.11.2024

Sir,

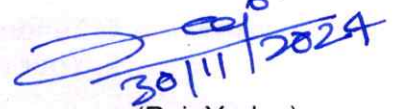
1. Your tender for the above mentioned work is hereby accepted on behalf of Chairman, Airports Authority of India at the item rates quoted by you, totaling to **Rs. 39,58,270.00/- (Rupees Thirty Nine Lakhs Fifty Eight Thousand Two Hundred and Seventy Only)** excluding GST which is 43.72% below of the estimated cost put to the tender of **Rs. 70,32,640/-**. The GST shall be paid extra, as applicable.
2. SM Engg- (E), AAI, Srinagar Int'l. Airport, Srinagar, shall be the Engineer-in-Charge of the work. You are requested to attend the office of the SM Engg- (E) AAI, Srinagar Int'l. Airport, Srinagar by **12.12.2024 to sign and complete the agreement**. The agreement shall be executed on a non-judicial stamp paper of value **Rs.100/-** and the cost of stamp paper shall be borne by you.
3. The earnest money amount of **Rs. 1,40,653/-** received along with your tender will be treated and converted as part of security deposit as per clauses of contract GCC clause 1.A on page 16 of tender document. Please deposit **Rs. 3,95,827/- (Three Lakhs Ninety Five Thousand Eight Hundred and Twenty Seven Only)** towards security deposit within 10 days from the issue of this letter, failing which the same will be deducted from your running bills as per clauses of contract GCC clause 1.A on page 16 of tender document of tender document.
4. You are requested to comply with the provision of Contract Labour (Regulation and Abolition) Act of 1970 and Contract Labour (Regulation and Abolition) Central rules 1971, child labour (Prohibition & Regulation) Act 1986, Construction workers (Regulation of Employment & Condition of Service) Act 1996, Building and other Construction Workers Welfare Cess Act 1996.
5. You are also directed to contact Manager Engg. (E), AAI, Srinagar Int'l Airport, Srinagar immediately who will arrange to hand over the site to execute the work.
6. Please note that the time allowed for carrying out the work shall be **03 (Three) Months** and same shall be reckoned from the 10th day after the date of issue of this letter.

Contd...

7. Any further correspondence in connection with the contract should normally be addressed to the SM (Engg-E), AAI, Srinagar Int'l Airport, Srinagar-190007.
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.

Thanking you,

Yours Faithfully,



(Raj Yadav)

Sr. Manager (Engg-E.),
For and on behalf of Chairman, AAI.
Srinagar Int'l Airport, Srinagar.

SCHEDULE OF QUANTITY

Name of Work: Provision of illuminated signages at Srinagar Airport.

Contract No: 2024_AAI_205988

Sl.No	Description of Work / Item(s)	No. of Qty	Units	Rate	Amount
1.00	Vehicular Direction Sign - Single Pole Mounted Dwg. No. - 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. Sign Face: Providing and fixing sign face panels 3 mm thick Aluminium sheet fabrication, Aluminium sheet fixed to sign frame. White retro-reflective vinyl pasted edge to edge over aluminium sheet. Graphics in plotter cut RAL 5013 exterior grade opaque vinyl pasted over white retro reflective vinyl. Sign Frame: Providing and fixing sign frame minimum 100 X 100 X 4 MM, dimension may increase as per structural engineer instruction in M.S. square section hot dipped galvanized and P.U. Paint to match RAL 9006 as per drawing. Frame to be directly fixed to the sign structure. Frame to receive the sign faces. Sign Structure: MS square post of minimum 180 X 180 X 8 MM thick (dimension may increase as per structural engineer instruction) and horizontal square sections 100 X 100 X 4 MM, dimension may increase as per structural engineer instruction, hot dipped galvanized and powder coated to match RAL 9006. Post including welded MS base Plate 450 X 450 X 32 mm thick and Gussets in 450 X 200 X 12 mm thick MS Plate as per drawing with holes to fix it on holding down bolts anchored in concrete footing. The post shall be closed with a 3 mm thick MS plate and parts kept unpainted to weld the sign structure as per the drawing to ensure a rigid connection at site. The entire post assembly shall be hot dipped galvanized and P.U. Painted to match RAL 9006 as specified and approved by the Engineer-In-Charge. The Post shall 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 Building contractor. Secret fixing methods should be used to fix parts together. 225 x 225 mm size, 5 mm thick cover plate mounted in case the flooring is present. Foundation: Providing and laying foundation for the sign, typical size of each foundation 2000 X 2300 X 350 mm base and column of 650 X 650 MM x 1600 mm deep 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. Dimension: Sign Face: 2100 mm x 1300 mm. Sign Clearance Height: 2800 mm.	2.00	JOB	135000.00	270000.00
2.00	Traffic Statutory Sign Dwg. No. - Refer design drawing 1.4aS, 1.4aG 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. Sign Face: Providing and fixing sign face panels 3 mm thick Aluminium sheet fixed to sign structure. White retro-reflective vinyl pasted over edge to edge aluminium sheet. Graphics in plotter cut red Pantone 485C and black Pantone 6C exterior grade opaque vinyl pasted over white retro reflective vinyl. Dimension: Sign Face: Dia 600 mm Sign Clearance: 2100 mm. Pole Height: 2500 mm.	10.00	JOB	9300.00	93000.00

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Sl.No	Description of Work / Item(s)	No. of Qty	Units	Rate	Amount
3.00	Arrival/Departure Zone Marker Refer design drawing 1.6aS, 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 -> Sign Face:- Providing and fixing entire Sign face all 4 sides 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 onto framework using appropriate clips and edge ties to be perfectly taut with no sagging. Stitching of the vinyl flex should not be visible to the customers, preferably given at the back side of the box. Suspender:- Providing and fixing suspension for the signs using Stainless steel Hollow section 100mm OD X 3 MM Thick (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 levelled sign installation. This item includes all work done on false ceiling like opening/dismantling/local cutting to pass the suspender and reinstalling/doing good/assembly the same after fixing and installation on the sign. Sign Frame:- Providing and fixing 25mm x 25mm x 1.3 m. s. square sections not dipped galvanized and welded together to form a framework. Frame to be directly fixed to the sign suspender. Frame to receive the sign faces. Stretching Member Providing and fixing 8mm thick acrylic strips vertically to the sign frame to help stretching the sign face. Bottom panel Bottom MS Panel powder coated in colour to match Vinyl Black of Pantone Black 6C. Lighting:- All internal illumination shall be using LED Module 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. Accessories:- Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, screws, rivets, bolts, washers, nuts, etc. complete as per drawing. The actual structural design of the sign for its stability shall be responsibility of the Building contractor. Secret fixing methods should be used to fix parts together. Size - 1800 mm x 1800 mm x 1800 mm (Cube)	2.00	JOB	132000.00	264000.00
4.00	Ceiling Hung Directional Sign 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 Sign Face Providing and fixing sign face panel in 5mm thk white translucent 040 acrylic. Graphics - Plotter cut block out vinyl blue -541c, translucent printed vinyl for text/Map and pasted over white translucent acrylic. The sign face shall be fixed to sign frame with the 3M brand dual lock system in one side and 3M both way tape from the other side. Sign Frame Providing and fixing sign frame 60mm 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 both way tape from the other side. The panel should be made easily operable for maintenance. Suspender:- Providing and fixing Stainless steel 25 X 25 X 2mm mm Hollow sections (assuming typical length of 1 meter) mounted on slabs/beams/walls. Lighting: All internal illumination shall be using LED Module with electronic controllers. All signages to be Backlit 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. Accessories Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, screws, rivets, bolts, washers, nuts, etc. complete as per drawing.	15.00	JOB	33000.00	495000.00
4.20	1 Message size 2100 mm x 255 mm	5.00	JOB	48000.00	240000.00
4.30	2 Message size 2100 mm x 515 mm	5.00	JOB	63000.00	315000.00
	3 Message size 2100 mm x 780 mm				

Sl.No	Description of Work / Item(s)	No. of Qty	Units	Rate	Amount
5.00	Floor Mounted Directional Sign - Single Refer design drawing 2.1b-3S, 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 Sign Face Providing and fixing sign face panel in 5mm thick white translucent 040 acrylic. Graphics - Plotter cut block out vinyl blue -541c, translucent printed vinyl for text/Map and pasted over white translucent acrylic. The sign face shall be fixed to sign frame with the 3M brand dual lock system in one side and 3M both way tape from the other side. Sign Frame Providing and fixing sign frame 60mm 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 both way 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 x 3 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. Post including SS base Plate of 600mm X 600mm X 8 MM Thick and Gussets in 6mm thick SS Plate as per drawing with holes to fit on holding down bolts anchored in concrete slab. The post shall closed with a 3 mm thick SS plate as specified and approved by the Engineer-in-Charge. 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 Building contractor. Secret fixing methods should be used to fix parts together. Tension Rod Providing and fixing tension rod in brush finished S.S. with the turn buckle system. Tension rod shall be fixed to the sign structure and the sign frame with S.S. gusset plates. Lighting All internal illumination shall be using LED Module 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. The actual structural design of the sign for its stability shall be responsibility of the Building contractor. Secret fixing methods should be used to fix parts together. Foundation (If required) 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 - 2100 mm x 780 mm	6.00	JOB	810000.00	4860000.00
6.00	Wall Mounted Facility Announcer 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 Sign Face Providing and fixing sign face panel in 5mm thick white translucent 040 acrylic. Graphics - Plotter cut block out vinyl blue -541c, translucent printed vinyl for text/Map and pasted over white translucent acrylic. The sign face shall be fixed to sign frame with the 3M brand dual lock system in one side and 3M both way tape from the other side. Sign Frame Providing and fixing sign frame 60mm 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 both way tape from the other side. The panel should be made easily openable for maintenance. Lighting: All internal illumination shall be using LED Module with electronic controllers. All signages to be Backlit 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. Accessories Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, screws, rivets, bolts, washers, nuts, etc. complete as per drawing. Size - 900 mm x 450 mm	16.00	JOB	175000.00	2800000.00

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Sl.No	Description of Work / Item(s)	No. of Qty	Units	Rate	Amount
7.00	Boarding Gate - Wall Mounted Drg. No. - 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 Sign Face Providing and fixing sign face panel in 5mm thick white translucent 040 acrylic. Graphics - Plotter cut block out vinyl blue -541c, translucent printed vinyl for text/Map and pasted over white translucent acrylic. The sign face shall be fixed to sign frame with the 3M brand dual lock system in one side and 3M both way tape from the other side. Sign Frame Providing and fixing sign frame 60mm 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 both way tape from the other side. The panel should be made easily operable for maintenance. Lighting: All internal illumination shall be using LED Module with electronic controllers. All signages to be Backlit 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. Accessories Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, screws, rivets, bolts, washers, nuts, etc. complete as per drawing Size - 3000 mm x 600 mm	12.00	JOB	15000.00	180000.00
8.00	Belt No Sign - Type - 2 Drg. No. - 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. All exterior signs should be manufactured considering harsh outdoor conditions, weatherproofing techniques and materials shall be used. Sign Box: Providing and fixing sign box with laser cut Bent Fabrication in 5mm thick 040 acrylic with pantone yellow Vinyl pasted over acrylic. Blackout vinyl for text Pantone Black 6C. All side of box excluding bottom side is illuminated 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 S S Plate brushed finish size 600 X 600 X 5 MM thick Sign Structure. All structural members in SS square post 75 x 75 x 2.5 mm (assuming typical length of 2.7 metre), 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 600 X 600 X 8 MM Thick and Gussets in 6mm thick SS Plate as per drawing with holes to fix it on holding down bolts anchored in concrete slab. The post shall closed with a 3 mm thick SS plate as specified and approved by the Engineer-in-charge. 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. Lighting: All internal illumination shall be using LED Module 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. Foundation (if required): 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. Dimension: Sign Face: 600 mm x 600 mm (Cube). Sign Clearance: 2400 mm. Pole Height: 2700 mm.	4.00	JOB	33000.00	132000.00



Sl.No	Description of Work / Item(s)	No. of Qty	Units	Rate	Amount
9.00	Washroom/Drinking Water/Child Care Drg. No. -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 Sign face: Sign face shall be made in 5mm thick 040 white acrylic (as specified) having graphics pasted in Plotter cut Block out vinyl. The Plotter cut block out 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: Providing and fixing sign frame 60mm 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 both way tape from the other side. The panel should be made easily openable for maintenance. Lighting: All internal illumination shall be using LED Module with electronic controllers. All signages to be Backlit 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 Building contractor. Accessories: Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, screws, rivets, bolts, washers, nuts, etc. complete as per drawing. Size - 450 mm x 450 mm	42.00	JOB	15900.00	667800.00
10.00	Service Areas Drg. No. -Refer design drawing 2.4b-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. Sign face: Digitally printed Graphics on vinyl pasted on 3mm thick black acrylic mounted on walls/claddings/ panelling's using VHB Tape Accessories: Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, screws, rivets, bolts, washers, nuts, etc. complete as per drawing. Size - 250 mm x 300 mm	60.00	JOB	510.00	30600.00
11.00	Lift No. Sign Drg. No. -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 Sign face: Sign face shall be made in 5mm thick 040 white acrylic (as specified) having graphics pasted in Plotter cut Block out vinyl. The Plotter cut block out 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: Providing and fixing sign frame 60mm 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 both way tape from the other side. The panel should be made easily openable for maintenance. Lighting: All internal illumination shall be using LLED Module with electronic controllers. All signages to be Backlit 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 Building contractor. Accessories: Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, screws, rivets, bolts, washers, nuts, etc. complete as per drawing. Size - 400 mm x 400 mm	8.00	JOB	9300.00	74400.00
12.00	Emergency Signs- Photoluminescent At Lift Refer design drawing 2.6b-G Providing and fixing all Photoluminescent signs in the dedicated fire escape passages of the airports as per locations given in sign schedules, made of inkjet printing using artworks provided and with photoluminescent material as per technical specifications. Sign Face: Inkjet printing shall be done on self-adhesive vinyl and pasted on 2mm thick powder coated white (RAL 9016) aluminium plate and fixed at location using screws. as per specification and using provided artwork and made to sizes as specified and approved by the Engineer-in- charge. Accessories: Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, screws, rivets, bolts, washers, nuts, etc. complete as per drawing. Size - A3	8.00	JOB	1500.00	12000.00
13.00	Statutory Signs Drg. No. -Refer design drawing 2.5G-01, 2.5G-02 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. Sign Face: Digitally printed Graphics on vinyl pasted on 3mm thick acrylic/ACP mounted on walls/claddings/ panelling using VHB Tape Accessories: Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, screws, rivets, bolts, washers, nuts, etc. complete as per drawing				
13.10	A0	2.00	JOB	3600.00	7200.00
13.20	A1	2.00	JOB	1800.00	3600.00

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Sl.No	Description of Work / Item(s)	No. of Qty	Units	Rate	Amount
13.30	A2	2.00	JOB	1200.00	2400.00
13.40	A3	2.00	JOB	900.00	1800.00
13.50	A4	2.00	JOB	810.00	1620.00
14.00	Emergency Direction Signs Drg. No. - Refer design drawing 2.6a-G Providing and fixing illuminated emergency 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. Sign face: Sign face shall be made in 5 mm thick 040 having graphics pasted as per design. Sign Box: The sign box 80 mm deep shall be made out of 1.6 mm thick CRCA MS sheet fabricated and provided with same material support channel and ties welded to sign channel. All fabrication shall be done using CNC machines. Sign box shall be provided with openings with frosted glass at bottom and Mesh from inside on top for ventilation. Complete sign box including channel supports are to be powder coated to match RAL9016. Sign box flange receiving the sign face shall be provided with slots to receive the sign face. Lighting: All internal illumination shall be using LED Lights of approved make with electronic controllers. All signages to be Backlit 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 Building contractor. Accessories: Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, screws, rivets, bolts, washers, nuts, etc. complete as per drawing				
14.10	Exit, Size -675 mm x 255 mm	10.00	JOB	7200.00	72000.00
14.20	Emergency Exit, Size -900 mm x 225 mm	4.00	JOB	7800.00	31200.00
15.00	Emergency Signs- Photoluminescent Refer design drawing 2.6b-G Providing and fixing all Photoluminescent signs in the dedicated fire escape passages of the airports as per locations given in sign schedules, made of inkjet printing using artworks provided and with photoluminescent material as per technical specifications. Sign Face: Inkjet printing shall be done on self-adhesive vinyl and pasted on 2mm thick powder coated white (RAL 9016) aluminium plate and fixed at location using screws, as per specification and using provided artwork and made to sizes as specified and approved by the Engineer-in-charge. Accessories: Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, screws, rivets, bolts, washers, nuts, etc. complete as per drawing.				
15.10	Fire Equipment Signs, Size -A4	6.00	JOB	1500.00	9000.00
15.20	Fire Door Inside, Size - 700 mm x 95 mm	5.00	JOB	990.00	4950.00
15.30	Fire Door Outside, Size -A4	6.00	JOB	1500.00	9000.00
15.40	Non- Illuminated Emergency Exit Direction Signage, Size -675 mm x 225 mm	6.00	JOB	3300.00	19800.00
16.00	Emergency Signs - Assembly Point Direction To Assembly Point Drg. No. - Refer design drawing 2.6c-1-S Providing and fixing Non-Illuminated emergency 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. Sign face: Signs graphics in exterior grade plotter cut opaque vinyl, made of inkjet printing using artworks provided and with photoluminescent material as per technical specifications. Inkjet printing shall be done on self-adhesive vinyl pasted over panels made out of 3mm thick aluminium. Powder coated in white, mounted over central structure using aluminium rivets. Sign Frame: Internal MS structure receiving the signs faces using equal angles of 50 X 50 X 5 welded to the sign post. Sign Post: 75 mm OD MS post PU painted to match RAL 9011 grouted in ground with concrete footing as per detail. The actual structural design of the sign for its stability shall be responsibility of the Building contractor. Accessories: Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, screws, rivets, bolts, washers, nuts, etc. complete as per drawing. Size - 900 mm x 255 mm	2.00	JOB	27900.00	55800.00



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Sl.No	Description of Work / Item(s)	No. of Qty	Units	Rate	Amount
17.00	Emergency Signs-Assembly Point Drg. No. - Refer design drawing 2.6c-2-S, 2.6c-2-G Providing and fixing Non-Illuminated emergency 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. Sign face: Providing and fixing retro reflective signs made of electrocut ECF artworks provided as per technical specifications. Inkjet printing shall be done on self-adhesive vinyl and pasted on 2mm thick powder coated white (RAL 9016) aluminium plate and fixed at location using screws, as per specification and using provided artwork including all operations from procuring the correct materials and made to sizes as specified and approved by the Engineer-in- charge. including all installation activities like marking, alignment and fixing with screws into the wall/cladding/face to the satisfaction of the Engineer-in- Charge. Sign Frame: Internal MS structure receiving the signs faces using 25 X 25 X 3 mm equal angles and welded to the sign post. Sign Post: 100 mm OD MS post PU painted to match RAL 9011 grouted in ground with concrete footing as per detail. The actual structural design of the sign for its stability shall be responsibility of the Building contractor. Accessories: Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, screws, rivets, bolts, washers, nuts, etc. complete as per drawing. Size - 594 mm x 420 mm x 3 Sides	2.00	JOB	33000.00	66000.00
18.00	Emergency Signs-Fire Life Safety Layout Drg. No. - Refer design drawing 2.6d-G Providing and fixing Photoluminescent signs in the dedicated fire escape passages of the stations as per locations given in the sign schedule, made of screen printed signs on white vinyl pasted over a 2 mm thick aluminium sheet powwe coated in white (RAL 9016) as per specification and using provided artwork including all operations from procuring the correct materials and made to sizes as specified and approved by the Engineer-in- charge. including all installation activities like marking, alignment and fixing with screws into the wall/cladding/face to the satisfaction of the Engineer-in- Charge. Size 590 mmX 420 mm	6.00	JOB	4500.00	27000.00
19.00	Supply of Following Size PVC Insulated and PVC Round Sheathed Multi Core Bright Annealed Bare Copper Conductor Heavy Duty Industrial Flexible Cables for Voltage Grade 1100 Volts conforming to IS: 694:2010				
19.10	3 core 1.5 Sqmm	300.00	Meter	72.00	21600.00
19.20	3 core 2.5 Sqmm	300.00	Meter	99.00	29700.00
20.00	Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required.				
20.10	20mm	100.00	Meter	120.00	12000.00
20.20	25mm	100.00	Meter	240.00	24000.00
21.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required.	600.00	Meter	33.00	19800.00

Total Amount Rs

3958270.00.



Sr. Manager (Engg-E)
AAI, Srinagar Airport