

CORRIGENDUM-1

Kannur International Airport

Supply, Installation, Testing and Commissioning of Internal Way Finding and External LED Fascia Signages including comprehensive maintenance contract at Terminal Building and ATS complex of Kannur Airport

Tender No.KIAL/PE-E/SIGNAGES/2016/1

Reply to General , Technical & Commercial Queries

SL.No.	Nature of Query	Document	Clause Ref.No.	Clause Description	Query	Reply
1	Technical	SCC	Page No.188/xvii	LED manufacturer has issue a warranty letter/ certificate 7 years	GE/SRAM issue only 5 years of warranty being OEM so how can we issue 7 years warranty?	The following clauses are amended as below 1. Clause 48.0. (xvii) of SCC in Page No.188 2. Clause 6.0 of TS in Page No.222. Amendment :- The scope of work covers DLP period of 2 years for the entire scope of work executed by the successful bidder and further 5 years All inclusive comprehensive maintenance contract for the above scope of work. If any of the OEM specified in tender gives more than 2 Years of warranty, agency shall offer their rates considering the additional warranty period.
2	Technical	SCC	Page No.188/xix	Wall / column/Beam mount signages are to be installed on the wall/column/Beam using suitable fixing arrangements such as wall brackets or anchor fasteners. Contractor has to include the cost of the same in the quote. At most care should be taken in during installation , to avoid damages to the cladding where it is mounted. Damages made if any to the dadding will be recovered from contractors account.	If wall /beam/ column is cladded with stone/ GFRC/GRC or any such material then who shall remove and refix the same? As it is specialized job & only agency who has fixed it can remove or refix it.	Tender condition shall prevail. Also refer Clause 19.0 of Special Conditions of Contract(SCC) in page no.170.
3	Technical	SCC	Page No.188/xx	Pole Mount Signages need to be fixed to the floor using suitable base plate arrangement and other accessories. Contractor has to include the cost of the same in the quot.At most care should be taken during the installation to avoid any damages to the floor finish such as Tiles ,Granites etc. Damages made if any to the e floor finish will be recovered from contractors account.	If the floor is made up of Granite / Marble or any other material apart for RCC then fixing needs to be defined by KIAL and MSD cannot be held responsible if any breakages are happened as every floor has different physical properties.	Tender condition shall prevail. Also refer Clause 19.0 of SCC in page no.170.
4	Technical	SCC	Page No.188/xxi	Ceiling mount signages need to fixed using SS316 hollow pipes of suitable dia from the ceiling. Contractor has to include the cost of the same in the quot.At most care should be taken while fixing the suspenders from the ceiling that it should not damage / break any of the ceiling materials adjacent to it.Damage made if any to the ceiling will be recovered from contractors account.	If ceiling is made up of false ceiling then the agency who has deployed it should remove before the signage installation and refix post the installation. As signages agency is not expert in such work , MEP agency shall help in it.	Tender condition shall prevail. Also refer Clause 19.0 of SCC in page no.170.
5	General	SCC	page no.183/36.0	Agency has to submit the list makes of item, which he is planning to procure for the project and approval has to be obtained from the Engineer in charge.	can you specify which product list we need to do check? As brands and options are specified in the tender document.	The agency has to submit a detailed list of supply items as per the approved list given in the tender.
6	General	SCC	page no.189/52	Plastering and making good all damages caused to the structure during installation and restoring the same to their original finish including supply and fixing wire mesh at the chipped surface before plastering.	This point refers to our query no.2 & 3 as such works needs to be done in conjunction with the MEP agency	Tender condition shall prevail. Also refer Clause 19.0 of SCC in page no.170.
7	Commercial	SCC - AICMC	page no.192(i)f	Periodically check the colour of vinyl and acrylic and replace faded vinyl and acrylic	Vinyl & Acrylic are of a Specified brand comes with OEM warranty why it needs to be replaced in AICMC .Also any new artwork pasting required will be covered separately under ARC (Annual Rate Contract) or will be part of the same AICMC.	No change . Replacement to be done under AICMC. This clause refers to fading of vinyl and Acrylic only.
8	Commercial	TS	page no.223	The fixing arrangement of letters & Logo shown in BOQ is tentative. The contractor can suggested alternate design which if approved by Engineer in charge has to be fixed without any additional cost. The proposed colour for the sign board is white. However the colour will be finalized by Engineer in charge after reviewing the sample submitted by the contractor as per the condition of contract.	if the fixing given is tentative then how agency can give fixed cost for the tentative design.	The design of fixing arrangement of letters & logo shown in BOQ to be done by the bidder. The letter size , material specification etc. are already defined in BOQ.

SL.No.	Nature of Query	Document	Clause Ref.No.	Clause Description	Query	Reply
9	Technical	SCC	Page no. 178, Cl.31	The agency shall guarantee that all materials , machinery and components supplied, fabricated, designed and installed by him shall be free from defects due to faulty material and or workmanship and that the system shall perform satisfactorily and the efficiency of the system and all the components shall not be less than the values laid down in the specifications of tender document and the capacities shall not be less than those specified.	If the OEM shall give guarantee / warranty then why agency shall give separate warranty?	During the Defect Liability Period(DLP) period the firm shall be responsible for the replacement of any defective material/workmanship free of cost. The BOQ item No.38 is meant for manpower only. Therefore the guarantee means the whole risk coverage by the firm during DLP.
10	Commercial	SCC	Page no. 178, Cl. 30	KIAL does not give any concessional forms / certificates/ permits towards any taxes, duties & other levies like sales tax , road taxes/permits etc.	1)How materials can be transported if the road permits are not generated by the party who issues the work order? 2)TDS certificate is a Govt. requirement how TDS deducted can be shown if no TDS certificate is issued? 3)If the tender quote has to be inclusive of taxes then how come KIAL will not issue Tax certificate? 4)If KIAL has any tax exemption then KIAL should provide them in advance so that quote can be prepared accordingly.	No change. As the clause is for the transportation of goods to site. The para wise clarification of queries is given below. 1) In case of interstate goods transport, declaration under Form-8F of Kerala VAT Rules-2005,shall be issued by KIAL for transporting the goods through checkpost. 2) TDS certificates shall be issued by KIAL under Form-16A as per the income tax provisions as applicable. 3) Same as Sl. no. 2 above 4) KIAL do not have any tax exemptions.
11	Commercial	SCC	Page no. 178, Cl. 30	Before despatch from factory all items shall be fully insured by the agency. The cost of insurance and Freight& handling charges shall be paid by the agency. The documents in support of insurance policy shall be submitted to KIAL before shipment	If the agency has tied up with National distribution player who has a SLA with the agency which covers all shipments under insurance by default then how agency can provide separate insurance copy before dispatch?	Agreed ,but subject to the following i) The value declared for insurance coverage shall be acceptable to Engineer In Charge(EIC). ii) The insurance company shall have approval from Insurance Regulatory and Development Authority(IRDA)
12	Commercial	SCC-AICMC	Page no. 199,Cl.2.04.0.1	The agencies rate must be firm and include the cost of transportation of materials to the site , all taxes such as sales tax , service tax, Excise and octroi,etc. applicable as per the latest amendments including Kerala value added tax act, new law on taxation of services and fixing or placing in position for which the item of work is intended to be operated. The rate of AICMC shall also include consumables , spares for repair and wages and other allowances to the operating staff , cost towards contribution to worker welfare fund ,additional wages to be paid for workers , uniforms and personal protective equipment for staff and workers and the over heads and profit of the agency etc. for the entire contract period. The rate quoted by the agency shall be firm through out the contract period or till subsequent maintenance contract is settled and there shall be no upward revision of the rates quoted by the agency for any reason what so ever. It should be clearly understood that any claim for extra sales taxes excise duty , construction tax or any additional taxes etc. or increase in minimum wages shall not be entertained.	Agency is based out of Maharashtra and all manufacturing which is related to value Added Tax are done in Maharashtra then agency shall not engage in Kerala VAT no. Only installation and service will be done in Kerala sate.	No change. All existing rules as per KVAT is applicable till GST is implemented. TDS on works contract shall be applicable as per the provisions of the KVAT Act,2005 and KVAT Rules, 2005 with latest ammendments
13	Commercial	SCC-AICMC	Page no. 200.2.11.02	Regular salaries should be ensured to the staff. Client will not take any liability in this respect. Agency should submit monthly certificate for full payment to his staff on or before 7th of every month.	Agency can give salary data for the month prior to the previous month as salary is done on 10th of every month.	Tender condition shall prevail
14	Technical	SCC-AICMC	page no.205.2.27.0.01	All electrical work shall be carried out as per the IE acts, instructions and requirements of statutory authorities like Electrical inspector and Kerala State Electricity Board.	Please specify details of Kerala Electricity Board norms	In this case only compliance of Kerala State Electrical Inspectorate (KSEI) and its certificate is sufficient.
15	Technical	SCC	PAGE NO.187 ix	Agency has to bear all the costs incurred in obtaining approvals from Government departments for the successful installation, testing & commissioning of the system if any	Which Govt. approvals are required can you specify.	Kerala State Electrical Inspectorate(KSEI) approval

SL.No.	Nature of Query	Document	Clause Ref.No.	Clause Description	Query	Reply
16	General	SCC	page no.183,Cl. 36	Agency shall makes his own arrangements for the timely procurement of all materials required for the works. Status of procurement of every item required for the project is to be submitted every week. In case materials are not supplied in time, Engineer in charge will arrange for procurement directly from the supplier and the expenses incurred will be deducted from the agencies bill. Immediately on award of contract , the agency has to submit the list of makes of items, which he is planning to procure for the project and approval has to be obtained from the Engineer in charge. After the make approval , detailed specification / drawings/ test report etc. of every item has to be submitted.	Why agency shall provide lists of procurement on weekly basis as material will be procured on the project approval basis in bulk?	Procurment schedule shall match with the project requirment and the same shall be got it approved from Engineer In Charge.
17	Technical	SCC	page no.179,Cl.31	The agency shall guarantee that all materials, machinery and components supplied , fabricated, designed and installed by him shall be free from defects due to faulty materials and / or workmanship and that the system shall perform satisfactorily and the efficiency of the system as all the components shall not be less than the values laid down in the specification of tender documents and the capacities shall not be less than these specified. During the guarantee period any or all components found to be defective shall be replaced or repaired free of charge and short coming found in the system as specified shall be removed at no extra cost. The agency shall provide necessary personal and tools for fulfilling the quarantee.if the defects are not remedied within a reasonable time , KIAL may proceed to get the defects remedied at the agencies risk & expenses. The agency shall without any cost to KIAL , carry out during the guarantee period all routine and special maintenance of the system and attend to any defects that may arise in the operation of the system.	Why agency shall guarantee materials when agency is giving all makes and TCs and certificates of OEMs along with invoice of purchase.	Tender condition will prevail and also refer the reply to query no. 9 above.
18	General	SCC	page no.173,Cl.24	The agency shall take necessary precautions to ensure safety of his crew , materials , equipments and the works during the period of the contract.No claim from the agency for loss or damage to the equipments, materials, crew of the works during the course of the work due to natural causes like cyclone, gales, floods, rains, or other cause or combination of causes will be entertained by KIAL.The agency shall be fully liable to compensate KIAL for any loss or damage to works till the time of taking over of the work by KIAL.A safety officer is mandatory for the execution of this project.	Is not it is a contradiction with force Majeure clause no page no.206, Cl.2.31	Occurrence of Force Majeure as specified in clause 2.31of SCC-AICMC on page no.206 pertains to AICMC only. However Cl.No.24 on Page no.173 is applicable during the period of contract.
19	General	SCC	page no.157	power of attorney	power of attorney should be on what value of stamp paper? It is not specified in the tender.	Rs.300/-
20	General				We are going to quote this tender . The leading company will be sign solutions in the consortium /jv with the Dashmesh Arts India Ltd. as the one which is qualified technically and financially. Please confirm if this will be alright for qualifying in this clarification document.	The bidder shall meet the qualifying criteria specified in para 4 of eligibility criteria in page no.3 of the NIT to participate in the tender.
21	General				We are registered in NSIC and are exempted from tender fees and EMD . You can check these Govt. norms at your end and below information for your kind knowledge. Please allow us the tender submission as not much time is left.	Kannur International Airport Ltd. (KIAL) does not fall under any of the organizations/departments listed / mentioned in those Govt. Orders. Hence same is not applicable to this tender.

SL.No.	Nature of Query	Document	Clause Ref.No.	Clause Description	Query	Reply
22	General	Name of Work		Supply, Installation, Testing and Commissioning of Internal Way Finding and External LED Fascia Signages including all inclusive comprehensive maintenance contract		The name of work shall be read as "Supply, Installation, Testing and Commissioning of Internal Way Finding and External LED Fascia Signages including comprehensive maintenance contract at Terminal Building and ATS complex of Kannur Airport "
23		Item Rate BOQ				PDF format of "Item Rate BOQ" is attached herewith (Annexure-A) only for reference. The rate shall be offered only in the BOQ format available in Governo.3(Financial Bid cover)
24	General			Contract Period		Period of contract mentioned in Schedule 'F' is only for the main work. The period of AICMC is defined in Cl.2.01 of SCC-AICMC in page no.198.

Validate

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Help

Item Rate BoQ

Tender Inviting Authority: KANNUR INTERNATIONAL AIRPORT LIMITED

Name of Work: SUPPLY, INSTALLATION, TESTING AND COMMISSIONING (SITC) OF INTERNAL WAY FINDING & EXTERNAL LED FASCIA SIGNAGES INCLUDING ALL INCLUSIVE COMPREHENSIVE MAINTENANCE CONTRACT

Contract No: KIAL/PE-E/SIGNAGES/E-TENDER/2016/1

Bidder Name :	
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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 relevent 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 In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1.00	Internal Signages Wall/ Column Mounted illuminated Single sided 2100mm(L)x 300(W) SITC of Modular Way finding signage illuminated single sided fabricated with aluminum profile of size 2100mm(L)x 300(W)x(D), having anodized finish of high quality. Fascia with Acrylic 040 – 3 MM and electrocut text (in three languages) and pictograms with computerized automated self adhesive Translucent/colored/block out/white Cast vinyl of 3M make. Backlit uniform illumination of the signboard achieved by using LED blocks of minimum 1.56 watt LED per 4 inches of length having individual current regulator for each signage board complete with all internal wiring, connectors etc fixed to the wall/ Column with suitable hardware.	60.00	no		0.00	INR Zero Only
2.00	Wall/ Column Mounted illuminated Double sided (2100mm(L)x 300(W)x50mm(D)) SITC of Modular Way finding signage illuminated Double sided fabricated with aluminum profile of size 2100mm(L)x 300(W)x50mm(D), having anodized finish of high quality. Fascia with Acrylic 040 – 3 MM and electrocut text (in three languages) and pictograms with computerized automated self adhesive Translucent/colored/block out/white Cast vinyl of 3M make. Backlit uniform illumination of the signboard achieved by using LED blocks of minimum 1.56 watt LED per 4 inches of length having individual current regulator for each signage board complete with all internal wiring, connectors etc fixed to the wall/ Column with suitable hardware.	9.00	no		0.00	INR Zero Only

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT	TOTAL AMOUNT In Words
3.00	Wall/ Column Mounted illuminated Single sided (1200mm(L)x 300(W)) SITC of Modular Way finding signage illuminated single sided fabricated with aluminum profile of size 1200mm(L)x 300(W), having anodized finish of high quality. Fascia with Acrylic 040 – 3 MM and electrocut text (in three languages) and pictograms with computerized automated self adhesive Translucent/colored/block out/white Cast vinyl of 3M make. Backlit uniform illumination of the signboard achieved by using LED blocks of minimum 1.56 watt LED per 4 inches of length having individual current regulator for each signage board complete with all internal wiring, connectors etc fixed to the wall/ Column with suitable hardware.	10.00	no		0.00	INR Zero Only
4.00	Wall/Column Mounted illuminated Double sided (1200mm(L)x 300(W)x50mm(D)) SITC of Modular Way finding signage illuminated Double sided fabricated with aluminum profile of size 1200mm(L)x 300(W)x50mm(D), having anodized finish of high quality. Fascia with Acrylic 040 – 3 MM and electrocut text (in three languages) and pictograms with computerized automated self adhesive Translucent/colored/block out/white Cast vinyl of 3M make. Backlit uniform illumination of the signboard achieved by using LED blocks of minimum 1.56 watt LED per 4 inches of length having individual current regulator for each signage board complete with all internal wiring, connectors etc fixed to the wall/ Column with suitable hardware.	1.00	no		0.00	INR Zero Only
5.00	Wall Mounted non-illuminated Single Sided (1200mm(L)x 300(W)) SITC of Modular Way finding signage single sided fabricated with aluminum profile of size 1200mm(L)x 300(W), having anodized finish of high quality. Fascia with Acrylic 040 – 3 MM and electrocut text (in three languages) and pictograms with computerized automated self adhesive Translucent/colored/block out/white Cast vinyl of 3M make. Fixed to the wall/Column with suitable hardware.	5.00	no		0.00	INR Zero Only
6.00	Wall/Column Mounted Illuminated Single Sided (500mm(L)x 500(W) SITC of Modular Way finding signage single sided fabricated with aluminum profile of size 500mm(L)x 500(W), having anodized finish of high quality. Fascia with Acrylic 040 – 3 MM and electrocut text (Check In island) with computerized automated self adhesive Translucent/colored/block out/white Cast vinyl of 3M make. Backlit uniform illumination of the signboard achieved by using LED blocks of minimum 1.56 watt LED per 4 inches of length having individual current regulator for each signage board complete with all internal wiring, connectors etc fixed to the Wall/Column with suitable hardware.	2.00	no		0.00	INR Zero Only
7.00	Wall/Column Mount Non illuminated (Single sided) 600 mm(L)x 300(W) SITC of Modular Way finding signage single sided fabricated with aluminum profile of size 600 mm(L)x 300(W) having anodized finish of high quality. Fascia with Acrylic 040 – 3 MM and electrocut text with computerized automated self adhesive translucent/colored/block out/white Cast vinyl of 3M make, fixed to the wall/Column with suitable hardware.	10.00	no		0.00	INR Zero Only

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT	TOTAL AMOUNT In Words
8.00	Wall/Column Mount Non illuminated (Double sided) 600 mm(L)x 300(W)x50mm(D) SITC of Modular Way finding signage double sided fabricated with aluminum profile of size 600 mm(L)x 300(W) x 50mm(D) having anodized finish of high quality. Fascia with Acrylic 040 – 3 MM and electrocut text with computerized automated self adhesive Translucent/colored/block out/white Cast vinyl of 3M make, fixed to the wall/Column with suitable hardware.	3.00	no		0.00	INR Zero Only
9.00	Ceiling Suspended Illuminated Single Sided 2100mm(L)x300mm(W) Modular Way finding signage illuminated single sided fabricated with aluminum profile of size 2100mm(L)x300mm(W) having anodized finish of high quality . Fascia with Acrylic 040 – 3 MM and electrocut text (in three languages) and pictograms with computerized automated self adhesive Translucent/colored/block out/white Cast vinyl of 3M make. Backlit uniform illumination of the signboard achieved by using LED blocks of minimum 1.56 watt LED per 4 inches of length having individual current regulator for each signage board complete with all internal wiring, connectors etc suspended with Stainless Steel hollow pipe of 316 grade system from the ceiling.	16.00	no		0.00	INR Zero Only
10.00	Ceiling Suspended Illuminated Single Sided 2100mm(L)x300mm(W) - Additional Modular Way finding signage illuminated single sided fabricated with aluminum profile of size 2100mm(L)x300mm(W) having anodized finish of high quality . Fascia with Acrylic 040 – 3 MM and electrocut text (in three languages) and pictograms with computerized automated self adhesive Translucent/colored/block out/white Cast vinyl of 3M make. Signboard shall be fixed as an extension to the already existing ceiling mount type signboard using suitable fixing arrangements so as to ensure easy maintenace Backlit uniform illumination of the signboard achieved by using LED blocks of minimum 1.56 watt LED per 4 inches of length having individual current regulator for each signage board complete with all internal wiring, connectors etc suspended with Stainless Steel hollow pipe of 316 grade system from the ceiling.	10.00	no		0.00	INR Zero Only

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT	TOTAL AMOUNT In Words
11.00	Ceiling Suspended Illuminated (Back Lit) Single Sided 1200mm(L)x300mm(W) SITC of Modular Way finding signage illuminated single sided fabricated with aluminum profile of size 1200mm(L)x300mm(W) having anodized finish of high quality . Fascia with Acrylic 040 – 3 MM and electrocut text (in three languages) and pictograms with computerized automated self adhesive Translucent/colored/block out/white Cast vinyl of 3M make. Backlit uniform illumination of the signboard achieved by using LED blocks of minimum 1.56 watt LED per 4 inches of length having individual current regulator for each signage board complete with all internal wiring, connectors etc suspended with Stainless Steel hollow pipe of 316 grade system from the ceiling.	1.00	no		0.00	INR Zero Only
12.00	Ceiling Suspended Illuminated (Back Lit) Double sided 2100mm(L)x300mm(W)x50mm(D) Modular Way finding signage illuminated Double sided fabricated with aluminum profile of size 2100mm(L)x300mm(W)x50mm(D) having anodized finish of high quality . Fascia with Acrylic 040 – 3 MM and electrocut text (in three languages) and pictograms with computerized automated self adhesive Translucent/colored/block out/white Cast vinyl of 3M make. Backlit uniform illumination of the signboard achieved by using LED blocks of minimum 1.56 watt LED per 4 inches of length having individual current regulator for each signage board complete with all internal wiring, connectors etc suspended with Stainless Steel hollow pipe of 316 grade system from the ceiling.	9.00	no		0.00	INR Zero Only
13.00	Ceiling Suspended Illuminated Double sided 2100mm(L)x300mm(W)x50mm(D) Additional Modular Way finding signage illuminated Double sided fabricated with aluminum profile of size 2100mm(L)x300mm(W)x50mm(D) having anodized finish of high quality . Fascia with Acrylic 040 – 3 MM and electrocut text (in three languages) and pictograms with computerized automated self adhesive Translucent/colored/block out/white Cast vinyl of 3M make. Signboard shall be fixed as an extension to the already existing ceiling mount type signboard using suitable fixing arrangements so as to ensure easy maintenace Backlit uniform illumination of the signboard achieved by using LED blocks of minimum 1.56 watt LED per 4 inches of length having individual current regulator for each signage board complete with all internal wiring, connectors etc suspended with Stainless Steel hollow pipe of 316 grade system from the ceiling.	1.00	no		0.00	INR Zero Only

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT	TOTAL AMOUNT In Words
14.00	Wall/Column Mounted (Triangular type) SITC of Modular Way finding signage fabricated illuminated with aluminum profile of triangular shape with sides 450 mm x 450mmx 450mm, and 300mm Width, having anodized finish of high quality. Fascia with Acrylic 040 – 3 MM and electrocut text (in three languages) and pictograms with computerized automated self adhesive Translucent/colored/block out/white Cast vinyl of 3M make. Backlit uniform illumination of the signboard achieved by using LED blocks of minimum 1.56 watt LED per 4 inches of length having individual current regulator for each signage board complete with all internal wiring, connectors etc fixed to the wall/ Column with suitable hardware.	17.00	no		0.00	INR Zero Only
15.00	Pole Mounted illuminated Double sided 2100mm(L)x300mm(W)x50mm(D) SITC of Modular Way finding signage illuminated Double sided fabricated with aluminum profile of size 2100mm(L)x300mm(W)x50mm(D) having anodized finish. Fascia with Acrylic 040 – 3 MM and electrocut text (in three languages) and pictograms with computerized automated self adhesive Translucent/colored/block out/white Cast vinyl of 3M make. Backlit uniform illumination of the signboard achieved by using LED blocks of minimum 1.56 watt LED per 4 inches of length having individual current regulator for each signage board complete with all internal wiring, connectors etc ,fixed on φ100mm SS 316 pole of length 3m fixed to the floor with suitable hardware.	4.00	no		0.00	INR Zero Only
16.00	Pole Mounted illuminated Double sided 2100mm(L)x300mm(W)x50mm(D)-Additional SITC of Modular Way finding signage illuminated Double sided fabricated with aluminum profile of size 2100mm(L)x300mm(W)x50mm(D) having anodized finish. Fascia with Acrylic 040 – 3 MM and electrocut text (in three languages) and pictograms with computerized automated self adhesive Translucent/colored/block out/white Cast vinyl of 3M make. . Backlit uniform illumination of the signboard achieved by using LED blocks of minimum 1.56 watt LED per 4 inches of length having individual current regulator for each signage board complete with all internal wiring, connectors etc. Signboard shall be fixed as an extension to the already existing pole of dia φ100mm ,SS 316 of length 3m using suitable fixing arrangements so as to ensure easy maintenace .	5.00	no		0.00	INR Zero Only

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT	TOTAL AMOUNT In Words
17.00	<p>Pole Mounted illuminated Single sided , 1200mm(L)x450mm(W)</p> <p>SITC of Modular Way finding signage illuminated single sided fabricated with aluminum profile of size 1200mm(L)x450mm(W) having anodized finish. Fascia with Acrylic 040 – 3 MM and electrocut text (in three languages) and pictograms with computerized automated self adhesive Translucent/colored/block out/white Cast vinyl of 3M make. Backlit uniform illumination of the signboard achieved by using LED blocks of minimum 1.56 watt LED per 4 inches of length having individual current regulator for each signage board complete with all internal wiring, connectors etc ,fixed on φ100mm SS 316 pole of length 3m fixed to the floor complete with base plate, SS nuts & bolts and all other suitable hardwares as required.</p>	3.00	no		0.00	INR Zero Only
18.00	<p>Wall/Column Mounted illuminated (Single sided) 600 mm(L)x 300(W)</p> <p>SITC of Modular Way finding signage single sided fabricated with aluminum profile of size 600 mm(L)x 300(W) having anodized finish of high quality. Fascia with Acrylic 040 – 3 MM and electrocut text with computerized automated self adhesive translucent/colored/block out/white Cast vinyl of 3M make, fixed to the wall/Column with suitable hardware. Backlit uniform illumination of the signboard achieved by using LED blocks of minimum 1.56 watt LED per 4 inches of length having individual current regulator for each signage board complete with all internal wiring, connectors etc fixed to the Column with suitable hardware.</p>	12.00	no		0.00	INR Zero Only
19.00	<p>Wall/Column Mounted illuminated (Double sided) 600 mm(L)x 300(W) x 50mm(D)</p> <p>SITC of Modular Way finding signage Double sided fabricated with aluminum profile of size 600 mm(L)x 300(W) having anodized finish of high quality. Fascia with Acrylic 040 – 3 MM and electrocut text with computerized automated self adhesive translucent/colored/block out/white Cast vinyl of 3M make, fixed to the wall/Column with suitable hardware. Backlit uniform illumination of the signboard achieved by using LED blocks of minimum 1.56 watt LED per 4 inches of length having individual current regulator for each signage board complete with all internal wiring, connectors etc fixed to the Column with suitable hardware.</p>	3.00	no		0.00	INR Zero Only

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT	TOTAL AMOUNT In Words
20.00	Pole Mounted illuminated Single sided 2100mm(L)x300mm(W) SITC of Modular Way finding signage illuminated Single sided fabricated with aluminum profile of size 2100mm(L)x300mm(W) having anodized finish. Fascia with Acrylic 040 – 3 MM and electrocut text (in three languages) and pictograms with computerized automated self adhesive Translucent/colored/block out/white Cast vinyl of 3M make. Backlit uniform illumination of the signboard achieved by using LED blocks of minimum 1.56 watt LED per 4 inches of length having individual current regulator for each signage board complete with all internal wiring, connectors etc ,fixed on φ100mm SS 316 pole of length 3m fixed to the floor with suitable hardware.	4.00	no		0.00	INR Zero Only
21.00	Pole Mounted illuminated Single sided 2100mm(L)x300mm(W)- Additional SITC of Modular Way finding signage illuminated Single sided fabricated with aluminum profile of size 2100mm(L)x300mm(W) having anodized finish. Fascia with Acrylic 040 – 3 MM and electrocut text (in three languages) and pictograms with computerized automated self adhesive Translucent/colored/block out/white Cast vinyl of 3M make. Backlit uniform illumination of the signboard achieved by using LED blocks of minimum 1.56 watt LED per 4 inches of length having individual current regulator for each signage board complete with all internal wiring, connectors etc .Signboard shall be fixed as an extension to the already existing pole of dia φ100mm ,SS 316 of length 3m using suitable fixing arrangements so as to ensure easy maintenace.	11.00	no		0.00	INR Zero Only
22.00	Supply and fixing sticker type signage at site (on door or similar locations) in proper line & level. The signage letters shall be made with premium quality vinyl sheet of approved colour, pasted on “3M”make self-adhesive film of approved colour, including supply of all material labour etc. required for proper completion of work.	300.00	sqft		0.00	INR Zero Only
23.00	Supply and fixing glow signage of "3M" Make such as Emergency Exit signage etc. of standard size as per conventional design/ colour code on 3 mm thick aluminium composite panel. The signage will be either fixed on the wall with the help of screws & double tape or hanged from the false ceiling with the help of chain & screws etc. complete work.	200.00	sqft		0.00	INR Zero Only
24.00	Supply and fixing sticker type signage at site in proper line & level on 3 mm thick aluminium composite panel.. The signage letters shall be made with premium quality vinyl sheet of approved colour, pasted on “3M”make self-adhesive film of approved colour, including supply of all material labour etc. required for proper completion of work.	300.00	sqft		0.00	INR Zero Only

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT	TOTAL AMOUNT In Words
25.00	Signage Cube 500mm SITC of Modular Way finding signage fabricated illuminated with aluminum profile of cube shape with size 500 mm , having anodized finish of high quality. Fascia with Acrylic 040 – 3 MM and electrocut text and pictograms with computerized automated self adhesive ranslucent/colored/block out/white Cast vinyl of 3M make. Backlit uniform illumination of the signboard achieved by using LED blocks of minimum 1.56 watt LED per 4 inches of length having individual current regulator for each signage board complete with all internal wiring, connectors etc fixed to the wall/ Column with suitable hardware.	12.00	no		0.00	INR Zero Only
26.00	Edge Lit 300mm x 300 mm Supply ,Installation,testing and commissioning of EDGE-LITinternal sign of size 300mmx300mm at specified locations made of powder Coated Aluminium Channel and 10mm thick Acrylic ,with required text etched on the acrylic sheet , lit with LED with required Power Supply. Fixed on to the wall/column/ Counter in pole with suitable hardware.	147.00	no		0.00	INR Zero Only
27.00	Edge Lit 600 x 300 mm Supply ,Installation,testing and commissioning of EDGE-LITinternal sign of size 600mmx300mm at specified locations made of powder Coated Aluminium Channel and 10mm thick Acrylic ,with required text etched on the acrylic sheet , lit with LED with required Power Supply. Fixed on to the ceiling/Wall with suitable hardware with 2 hrs battery back up	30.00	no		0.00	INR Zero Only
28.00	Providing and fixing stainless steel (Grade 316) Pole made of Hollow , square channels of dimension 40mm x40 mm., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the Pole with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size on the top of the Checkin, Immigration and Emigration Counters with suitable arrangement as per approval of Engineer-in-charge.	50.00	m		0.00	INR Zero Only
29.00	Supply ,Installation,testing and commissioning of non-illuminated Pylon information signage of 5 feet height and 2 feet width fabricated with aluminum profile having anodized finish. Fascia with Acrylic 040 – 3 MM and electrocut text (in three languages) and pictograms with computerized automated self adhesive Translucent/colored/block out/white Cast vinyl of 3M make including all the necessary harware and accessories complete as required for the proper installation.	1.00	no		0.00	INR Zero Only

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT	TOTAL AMOUNT In Words
30.00	<p>External Signages</p> <p>Design, Supply ,Installation,testing and commissioning of External sign board with content " KANNUR INTERNATIONAL AIRPORT " in single languages (English/ Hindi/ Malayalam) in the cityside at specified locations made of powder Coated Channel Letters with 4 feet height and 5" thickness and "KIAL LOGO" of size 6 feet height and width in proportion are to be made with 1.6mm and 0.7mm aluminium sheet (1.6mm aluminium sheets are used for cutting letters and 0.7mm sheet is used for trim). Letter front face is made up of 5mm solid acrylic 040 with 3M vinyl and aluminium trim cap. The channel letters will be fixed either on the angle iron bend letters with screws or rivets of suitable size angle iron or directly screwed/Anchor bolted to the RCC using anchor fastener of suitable length as per the site conditions and as approved by engineer in charge. Letters should be lit static white LED of approved make with required power supply.The system has to be wired to a outdoor light timer switch consisting of MCB, timers, contactors of suitable rating and all accessories including wiring as required etc. All metal parts are to be painted with 2 coats of epoxy primer and two coats of epoxy paint.The rate shall includes cost and conveyance of all materials, structural supports, labour charges, scaffolding, lead, lift, etc complete as per technical specification and as directed by Engineer in Charge. Note:One board each shall be made in English/Hindi/Malayalam independently.</p>	3.00	no		0.00	INR Zero Only
31.00	<p>Design, Supply ,Installation,testing and commissioning of External sign board with content " KANNUR " in three languages (English, Hindi, Malayalam) in the airside at specified location made of powder Coated Channel Letters with 4 feet height and 5" thickness are to be made with 1.6mm and 0.7mm aluminium sheet (1.6mm aluminium sheets are used for cutting letters and 0.7mm sheet is used for trim). Letter front face is made up of 5mm solid acrylic 040 with 3M vinyl and aluminium trim cap. The channel letters will be fixed either on the angle iron bend letters with screws or rivets of suitable size angle iron or directly screwed/Anchor bolted to the wall as per the site conditions and as approved by engineer in charge. Letters should be lit static white LED of approved make with required power supply.The system has to be wired to a outdoor light timer switch consisting of MCB, timers, contactors of suitable rating and all accessories including wiring as required etc. All metal parts are to be painted with 2 coats of epoxy primer and two coats of epoxy paint.The rate shall includes cost and conveyance of all materials, structural supports, labour charges, scaffolding, lead, lift, etc complete as per technical specification and as directed by Engineer in Charge.</p>	1.00	set		0.00	INR Zero Only

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT	TOTAL AMOUNT In Words
32.00	ATS Complex Design, Supply ,Installation,testing and commissioning of External sign board with content " AIR TRAFFIC SERVICES COMPLEX " in English at specified location, made of powder Coated Channel Letters with 2 feet height and 4" thickness with painted white interiors and exteriors are to be made with 1.6mm and 0.7mm aluminium sheet (1.6mm aluminium sheets are used for cutting letters and 0.7mm sheet is used for trim). Letter front face is made up of 3mm solid acrylic 040 with 3M vinyl and aluminium trim cap. The channele letters will be directly screwed/Anchor bolted to the RCC using anchor fastener of suitable length as per the site conditions . Letters Back-lit with white LEDs attached to inside of letter backs with required Power Supply. The system has to be wired to a outdoor light timer switch consisting of MCB, timers, contactors of suitable rating and all accessories including wiring as required etc. All metal parts are to be painted with 2 coats of epoxy primer and two coats of epoxy paint. The rate shall includes cost and conveyance of all materials, structural supports, labour charges, scaffolding, lead, lift, etc complete as per technical specification and as directed by Engineer in Charge.	1.00	no		0.00	INR Zero Only
33.00	Supply and Installation of internal Name board in SS 304 grade with name laser etched in English in Black colour.The Name boards will be fixed on to the wall with suitable hardware. Size : 600 mm x 150 mm	40.00	no		0.00	INR Zero Only
34.00	Design, Supply and Installation,of internal Name board in SS 304 grade with name laser etched in English in Black colour.The Name boards will be fixed on to the wall with suitable hardware. Size : 450 mm x 100 mm	6.00	no		0.00	INR Zero Only
35.00	Design, Supply and Installation,of internal Name board in SS 304 grade with pictogram laser etched in English in Black colour.The Name boards will be fixed on to the wall with suitable hardware. Size : 120 mm x 120 mm	15.00	no		0.00	INR Zero Only
36.00	Design, Supply and Installation,of internal Name board in SS 304 grade with content laser etched in English in Black colour.The Name boards will be fixed on to the wall with suitable hardware. Size : 450 mm x 450 mm	24.00	no		0.00	INR Zero Only
37.00	Supplying and fixing suitable size GI box with modular plate and cover in front or surface or in recess, including providing and fixing 5 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.	300.00	no		0.00	INR Zero Only
38.00	Maintenance of All internal and external signages during DLP Routine maintenance Contract of Signages and associated Systems executed under SH:1,2 & 3 above as per specification during the Defects Liability Period(DLP) of 2 years by providing required technical manpower, consumable materials,tools etc required as per SCC etc as required. (Note: All spares including lamps are to be replaced free of cost)					

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT	TOTAL AMOUNT In Words
38.01	First Year during DLP	12.00	Months		0.00	INR Zero Only
38.02	Second Year during DLP	12.00	Months		0.00	INR Zero Only
39.00	AICMC for all Internal and External Signages including two years DLP All inclusive comprehensive maintenance contract of Signages and associated systems executed under SH- 1, 2 & 3 above as per specification immediately after the expiry of defects liability period (DLP) of 2 years ,complete by providing required technical manpower, all spares and consumable materials ,tools as per Special Condition of Contract,technical specification etc complete as required.					
39.01	First Year after DLP	12.00	Months		0.00	INR Zero Only
39.02	Second Year after DLP	12.00	Months		0.00	INR Zero Only
39.03	Third Year after DLP	12.00	Months		0.00	INR Zero Only
39.04	Fourth Year after DLP	12.00	Months		0.00	INR Zero Only
39.05	Fifth Year after DLP	12.00	Months		0.00	INR Zero Only
Total in Figures					0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				