



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

E-Office File No. – TE-17/178/2020-TECH/

197

Date: 22/03/2021

To

M/s National Fire Fighting Manufacturing FZCO

Plot No. – MO0122, MO0135, MO0145A,

P.O. Box 17014, Jebel Ali,

Dubai, United Arab Emirates

Email: ketan.sethi@naffco.com; nadeem@naffco.com; info@naffco.com

Tele-Fax: +9714 815 1222

Purchase Order No. – 02 / 2021

Sub	:	Supply of 02 Nos. Truck Mounted Emergency Rescue Stairs with Comprehensive Annual Maintenance Contract (CAMC) at Chennai and Kolkata Airports.
Ref	(i)	AAI Global E-Tender invited through NIC CPP Portal (Tender ID: 2020_AAI_44464_1)
	(ii)	Technical Clarification sought by bidder vide email through attached Letter dated 04/05/2020.
	(iii)	AAI Corrigendum No. – 2 dated 10/05/2020 published on NIC CPP Portal regarding Clarification to Bidder as reply to the above Technical Clarification.
	(iv)	Your PQQ and Technical Bid Documents submitted through NIC CPP Portal and opened on 05/06/2020 on NIC CPP Portal.
	(v)	AAI Clarifications / Shortfall documents request dated 04/11/2020 against your PQQ and Technical Bid Documents submitted through NIC CPP Portal with due date of submission as 09/11/2020.
	(vi)	Your reply on above request submitted through NIC-CPP Portal on 08/11/2020.
	(vii)	AAI Letter No. AAI/CHQ/TECH/EMERGENCY STAIRS/18/Vol.2/134 dated 11/11/2020 with regard to amendment in technical specifications and your compliance / technical proposal for the same.
	(viii)	Your reply on above letter through e-mail on 12/11/2020.
	(ix)	AAI Letter of Intent (LOI) Letter No. – AAI/CHQ/TECH/EMERGENCY STAIRS/18/Vol-2/179 dated 25/01/2021.
	(x)	Your Acknowledgement and Acceptance of LOI through Letter dated 09/02/2021.

Dear Sir,

- Reference is made to the above mentioned correspondences and your offer (technical, commercial proposal and various subsequent clarifications and shortfall documents) submitted against above referred tender.
- In this regard, Airports Authority of India, hereinafter referred to as purchaser, is pleased to place a purchase order for "Supply of 02 Nos. Truck Mounted Emergency Rescue Stairs with Comprehensive Annual Maintenance Contract (CAMC) at Chennai and Kolkata Airports." as per details in Annexure-I (to this Purchase Order) on M/s National Fire Fighting Manufacturing FZCO (NAFFCO), Dubai, UAE hereinafter referred to as supplier. Technical specifications shall be as per Annexure-III attached to this Purchase Order.
- M/s NAFFCO India Private Limited, Regd. office A6, Flat No. 10, Naraina Vihar, New Delhi – 110028 shall be the Indian Company of M/s National Fire Fighting Manufacturing FZCO (NAFFCO), Dubai, UAE:

आर/ अशोक कुमार / R. Ashok Kumar

महानिदेशक (तकनीकी) / General Manager (Tech.)-II

राजीव गांधी भवन
Rajiv Gandhi Bhawan

सफदरजंग हवाई अड्डा नई दिल्ली-110003
Safdarjung Airport, New Delhi-110003

ए.ए.आई., ए.ए.आई., कार्यालय परिसर / AAI, New Office Complex
सफदरजंग एयरपोर्ट, नई दिल्ली-110003
Phone: 24632950

3. **Price:**

- 3.1 The Truck Mounted Emergency Rescue Stairs shall be supplied by the supplier at a total CIF value of **USD \$ 1,766,431.60** as per details mentioned in para (1) 1.1 of **Annexure-I** of this Purchase Order.
- 3.2 The Custom Duty shall be paid by Airports Authority of India directly to Custom Authorities.
- 3.3 The charges for Custom Clearing & Forwarding Charges, Inland Transportation Charges and Inland Insurance shall be paid to Indian Company of M/s National Fire Fighting Manufacturing FZCO (NAFFCO), Dubai, UAE i.e. **M/s NAFFCO India Private Limited, Regd. office A6, Flat No. 10, Naraina Vihar, New Delhi – 110028, Registration No.: U36999DL2016PTC307874** as per details mentioned in Para (1) 1.2 of **Annexure-I** of this Purchase Order.

4. **Time Schedule:** Delivery Period, Testing & Inspection of Truck Mounted Emergency Rescue Stairs, Payment Terms, Performance Bank Guarantee, Compensation for Delay and Guarantee / Warranty as per **Annexure-II** of this Purchase Order.

5. **Payment Terms:** As per clause 3 of **Annexure-II** of this Purchase Order.

6. **Paying Authority:** The Payment Authority shall be General Manager (Finance) / Jt.GM / DGM (Finance), Airports Authority of India, R G Bhawan, New Delhi 110 003 or GM / Jt. GM / DGM (Fin) of Metro Airports or GM / Jt. GM / DGM(Fin) of RHQs or Jt. GM / DGM / AGM / SM(Fin) of airports as the case may be.

7. **Project Manager:** Jt.GM (Materials Management) / AGM (Technical) shall act as Project Manager for the supply work, who shall be responsible for the smooth implementation of the contract as per the Tender Document, however for CAMC of each equipment, the Senior Most Technical Executive posted at consignee Airport shall be the Engineer-In-Charge.

8. **Consignee:**

- 8.1 The consignee for Truck Mounted Emergency Rescue Stairs will be **NSCBI Airport, Kolkata and Chennai Airport.**
- 8.2 Consignee Airports shall be responsible for proper receipt and coordination with the representatives of the firm / their Indian Company for rectification of any defects in Truck Mounted Emergency Rescue Stairs during Warranty & CAMC period, signing of Agreement for CAMC and its smooth implementation etc.

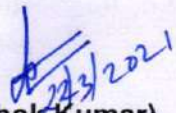
9. **Mode of Transport, Freight & Insurance:**

- 9.1 The contractor shall arrange, secure and maintain insurance(overseas/inland) policy beneficiary being AAI for both overseas, inland transportation and inland insurance policy having validity of minimum 01 (one) month as may be necessary and for all such amounts to protect his interest and the interest of the purchaser against the risk as detailed herein.
- 9.2 The risk that are to be covered to his insurance, shall include loss or damage in transit, theft, pilferage, riot, civil commotion where conditions exist, accidents of all kind, fire etc. The scope of insurance shall cover the entire value of the equipment from time to time.
- 9.3 Any loss or damage to the equipment due to under handling, transportation, till such time the equipment is delivered to the consignee shall be to contractor's account. The contractor shall be responsible for preferring of all claims and make good for the damage or loss by way of repairs and/or replacement of the portion of equipment damaged or lost. The contractor shall provide the purchaser with a copy of the insurance policy and documents taken out by him in pursuance of the contract. Such copies of the documents shall be submitted to the purchaser immediately after such insurance coverage.
- 9.4 AAI reserves the right for own arrangement of shipping and insurance.

आर. अशोक कुमार / R. Ashok Kumar
महाप्रबंधक (तकनीकी) / General Manager (Tech.)-II
ए.ए.आई., ए.ए.आई., कार्यालय परिसर / AAI, AAI, New Office Complex
सफदरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

10. **Delivery & Commissioning:** Delivery & Commissioning of entire quantity of Truck Mounted Emergency Rescue Stair shall be at NSCBI Airport, Kolkata and Chennai Airport within 09 (Nine) months, which shall be reckoned from 15th day after the date of issue of this purchase order.
11. Performance Bank Guarantee, Liquidated Damages / Compensation for Delay and Guarantee / Warranty shall be as per **Annexure-II** of this Purchase Order.
12. **Purchaser's Right to Vary Quantities:**
- 12.1 AAI may change the quantity or part thereof to be supplied by **+/-30% of the Tendered quantity (measurable)** but within the overall deviation limit of 30% of the contract value during currency of the contract.
- 12.2 Prices quoted shall **remain firm & fixed** and no escalation due to any reason will be allowed during the currency of the contract.
13. This Purchase Order shall form a part of the contract and all Terms & Conditions mentioned in the Tender Document (Tender ID: 2020_AAI_44464_1), Technical specifications and subsequent clarifications, modifications circulated through corrigenda to the tender shall be a binding on both the parties i.e. Airports Authority of India & M/s National Fire Fighting Manufacturing FZCO (NAFFCO), Dubai, UAE.
14. **Signing of Contract:**
- 14.1 The contractor shall, within 15 days from the date of issue of Purchase Order sign the contract consisting of the notice inviting tender, all the documents including drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof with any correspondence leading thereto. The format of Agreement shall be as per Annexure-XIII of Tender Document. No payment for the work done will be made unless contract in form of agreement is signed by the contractor.
- 14.2 The contractor shall sign the Supplementary Agreement for Operation and CAMC within 15 days from the date of receipt of the Ambulift at respective consignee Airports. The format of Supplementary Agreement shall be as per **Annexure - E** of this Purchase Order. No payment for Operation and CAMC will be made unless the contract in the form of supplementary agreement is signed by the contractor.
15. A duplicate copy of this Purchase Order is enclosed herewith, which may be returned duly signed in each page, to this office as a token of your acceptance.
16. Please acknowledge the receipt of this Purchase Order.

Yours Sincerely,
For AIRPORTS AUTHORITY OF INDIA


(R. Ashok Kumar)
General Manager (Technical)
AAI, AAI Office Complex, SAP,
New Delhi-110003
Telefax: 011 24635799

CC:

1. Airport Director, NSCBI Kolkata/Chennai
2. General Manager (Fire Services), CHQ
3. ED (F&A), CHQ
4. Purchase Order File

आर. अशोक कुमार / R. Ashok Kumar
महाप्रबंधक (तकनीकी) / General Manager (Tech.)-II
ए.ए.आई., ए.ए.आई., कार्यालय परिसर / AAI, AAI, New Office Complex
सफ़दरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

ANNEXURE-I (To Purchase Order No. - 02/2021)

P.O. No. – 02/2021

Tender ID: 2020_AAI_44464_1

E-Office File No. – TE-17/178/2020-TECH/

Date: 22/03/2021

Sub: Supply of 02 Nos. Truck Mounted Emergency Rescue Stairs with Comprehensive Annual Maintenance Contract (CAMC) at Chennai and Kolkata Airports.

1. SUPPLY ITEMS

1.1. TO BE PAID IN USD \$

S. No	Description	Qty. (Nos.)	Unit Price (USD \$)	Amount (USD \$)
01.	FOB Cost (C) of Truck Mounted Emergency Rescue Stairs as per technical specification of AAI and technical offer accepted by AAI.	02	\$ 880,298.36	\$ 1,760,596.72
02.	Overseas Insurance Value (I) from LoadPort to DisPort (Discharge Port) India	02	\$ 5.29	\$ 10.59
03.	Overseas Freight Value (F) from LoadPort to DisPort India	02	\$ 2912.15	\$ 5,824.29
Total (C.I.F.) Value in USD \$				\$ 1,766,431.60

1.2. PAYMENT IN INR ₹

S. No.	Description	Qty. (Nos.)	Unit Price (Rs.)	Amount (Rs.)
01.	Custom Clearing & Forwarding Charges excluding GST	02	₹ 2,91,214.26	₹ 5,82,428.53
02.	Inland Transportation Charges excluding GST from DisPort (Discharge Port) to following Consignee Airports: a) Chennai Airport b) NSCBI Airport, Kolkata	02	a) ₹ 7,41,676.13 b) ₹ 5,81,313.97	₹ 13,22,990.10
03.	Inland Insurance Charges excluding GST from DisPort to Consignee Airports	02	₹ 52.95	₹ 105.90
Total INR Amount				₹ 19,05,524.53

आर. अशोक कुमार / R. Ashok Kumar
महप्रबंधक (तकनीकी) / General Manager (Tech.)-II
ए.ए.आई., ए.ए.आई., कार्यालय परिसर / AAI, New Office Complex
सफदरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

Note:

- (i) The payment of the Overseas Freight and Overseas Insurance charges shall be made as per actual on production of the documentary proof / invoices raised by the actual service provider(s) in name of supplier subject to maximum as per cost at S. No. – 02 and 03 of Clause 1.1 above.
- (ii) The payment of the custom clearing and forwarding charges, inland transportation & inland transit insurance charges shall be made as per actual on production of the documentary proof / invoices raised by the actual service provider(s) subject to maximum as per charges at S. No. – 01, 02 and 03 of Clause 1.2 above after receipt of equipment at site.
- (iii) Payment towards customs duties and other levies imposed by Custom Authorities at the DisPort of entry in India shall be made by Airports Authority of India directly to Custom authorities on production of Estimates/Bills from Customs authorities by the contractor, the contractor has to ensure that duties are correctly assessed by Custom Authorities failing which excess payment made in this case will be recovered from the contractor. AAI shall prefer to avail / utilize EPCG license / Duty Credit Scrip under SEI scheme of Govt. of India.

2. COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT (CAMC) PAYMENT

Item	CAMC Amount (in INR)
Comprehensive Annual Maintenance Contract (CAMC) charges for each Truck Mounted Emergency Rescue Stairs from 1 st to 7 th year excluding GST in INR ₹ in terms with Section C-1 & C-2 of Tender Document.	(i) First Year : Rs. 7,56,803.06 (ii) Second Year : Rs. 7,83,831.74 (iii) Third Year : Rs. 15,87,935.00 (iv) Fourth Year : Rs. 16,48,749.53 (v) Fifth Year : Rs. 17,16,321.23 (vi) Sixth Year : Rs. 17,83,892.93 (vii) Seventh Year : Rs. 18,58,221.80
FOB of each Truck Mounted Emergency Rescue Stairs in INR is Rs. 6,75,71,702/-	
Total CAMC Amount for 02 Nos. Truck Mounted Emergency Rescue Stairs.	Rs. 2,02,71,510.58 (i.e. 1,01,35,755.29 x 02 Nos.)

Note:

1. During warrantee period, expenses towards defect / fault rectification including consumables, spare parts etc. shall be in the account of contractor. Accordingly, CAMC expenses for 1st and 2nd year are fixed for routine/daily maintenance of Truck Mounted Emergency Rescue Stairs.
2. The above CAMC cost arrived in INR shall be inclusive of all consumables ((except fuel and Ad Blue / DEF (Diesel Exhaust Fluid)), wages, ESI, EPF and any other taxes etc. as applicable on prevailing time of submission of Bid.
3. Any escalation, if happens, in future with regard to variation of minimum wages and associated ESI / EPF etc. shall be absorbed by the firm within their fixed quoted amount.
4. The charges towards CAMC are exclusive of GST. The applicable amount of GST will be paid extra for CAMC.
5. Tax will be deducted as per Income Tax Act before release of payment.

2.1 PAYMENT CONDITION:**2.1.1 Payment Methodology for CAMC of Truck Mounted Emergency Rescue Stairs:**

- a) Monthly payment of CAMC for each Truck Mounted Emergency Rescue Stairs by respective consignee Airport / Region shall be released in INR to the Indian Company i.e. M/s NAFFCO India Private Limited, New Delhi. Payment will be released after deduction of tax as per Tax

भार. अक्षय कुमार / R. Ashok Kumar
 ए.ए.आई., ए.ए.आई., कार्यालय परिसर / AAI, AAI, New Office Complex
 सफ़दरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110028

withholding certificate submitted by the Indian Company and in the absence of same, tax will be deducted as per Indian Income Tax Act, 1961.

- b) Payment would be released after adjusting any adjustments, withholdings, recoveries towards liquidated damages / compensation for delay, if any which the firm might have rendered themselves as per the provisions of contracts.
- c) Necessary deduction in case of default in the service of CAMC in terms of Service Level Agreement at each airport for each Truck Mounted Rescue Emergency Stairs shall be made as per performance monitored on monthly basis by respective airport.
- d) Following documents to be submitted along with the monthly bills at consignee airports:
 - i) Current Month Deposit Challan towards ESIC and EPF for the deployed manpower.
 - ii) Duly filled and certified Service Level Agreement.
 - iii) Undertaking towards availability of minimum level of quantity of spare parts for Periodical / Preventive maintenance and breakdown maintenance.

2.1.2 SERVICE LEVEL AGREEMENTS (SLA):

S. No	Description	Non-compliance Penalty Point	Remarks
1	Preparation of monthly Scheduled Maintenance (SM) and submission of the same through e-mail/post/etc. on or before 20th day of every month for the SM which has to be carried out for the next month.	02	Per incident
2	Preparation of yearly Scheduled Maintenance (SM) and submission of the same through e-mail/post/etc on or before one month from the due date of yearly Scheduled Maintenance.	05	Per incident (applicable in the case of annual maintenance)
3	Monthly Serviceability of minimum 90% is to be maintained and if serviceability is below a. 90% upto 85% b. 85% upto 80% c. 80% upto 60% d. Below 60% Persistent low serviceability for two months by the CAMC contractor shall be escalated to OEM for further necessary action.	03 04 08 16	Per month
4	Completion of Repair & Maintenance in stipulated time: To attend Major / Minor repairs which does not affect the serviceability of Truck mounted emergency rescue staircase. a. Rectification of Major repairs within 07 days b. Rectification of Minor repairs within 02 days	03 01	Per incident
5	Occurrence of Repetitive breakdown/repair, fault in the same component.	01	Per incident
6	Possession of Airside Entry Pass.		Per month / person

अ. अशोक कुमार / R. Ashok Kumar
महानिरीक्षक (तकनीकी) / General Manager (Tech.)-II
ए.ए.आई., ए.ए.आई., कॉपलव पारिसर / AAI, New Office Complex
सफदरजुंग एअरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

S. No	Description	Non-compliance Penalty Point	Remarks
7	Adherence to Office timing & technician uniform, PPE etc.	01	Per incident
8	MIS & Value – added services.	02	Per month

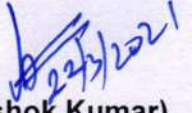
Note:

- a. Total Amount Deduction / month = INR 2,500 x Total No. of Non-Compliance Penalty Point / month at each consignee place/airport.

(OR)

Maximum deduction amount will be INR 50,000/- per month at each consignee place/airport.

- b. Non-deployment of manpower: Recovery of Rs. 1000/- per person per day shall be made from monthly CAMC payment.


(R. Ashok Kumar)
General Manager (Technical)
 AAI, AAI Office Complex, SAP,
 New Delhi-110003
Telefax: 011 24635799

आर. अशोक कुमार / R. Ashok Kumar
 महाप्रबंधक (तकनीकी) / General Manager (Tech.)-II
 ए.ए.आई., ए.ए.आई., कार्यालय परिसर / AAI, AAI, New Office Complex
 सफ़दरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

ANNEXURE-II (To Purchase Order No. - 02/2021)

E-Office File No. – TE-17/178/2020-TECH/

Date: 22/03/2021

The Delivery Period, Testing & Inspection of Truck Mounted Emergency Rescue Stairs, Payment terms, Performance Bank Guarantee, Compensation for Delay and Guarantee / Warrantee shall be as detailed below.

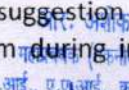
1. DELIVERY PERIOD:

- 1.1 Total time allowed for completion of supply & commissioning of 02 Nos. Truck Mounted Emergency Rescue Stairs is 09 (Nine) months, which shall be reckoned from 15th day after the date of issue of Purchase Order.
- 1.2 Delivery & Commissioning of 02 Nos. Truck Mounted Emergency Rescue Stair shall be required at NSCB Airport, Kolkata and Chennai Airport. The firm shall offer inspection of total quantity of equipment in 01 (one) Lot.
- 1.3 Prototype (one Truck Mounted Emergency Rescue Stair) to be offered for inspection within 04 (Four) Months from the date of start of work (which shall be reckoned from the 15th day from the issue of purchase order).
- 1.4 The bar chart shall be submitted by the contractor within 15 days from start of work indicating activities with dates covering various key phases of manufacturing such as procurement, manufacturing, dispatch etc. (which shall be reckoned from the 15th day from the issue of purchase order).
- 1.5 Pre-dispatch inspection shall be carried out by Inspection team of Airports Authority of India. Dispatch clearance of the Truck Mounted Emergency Rescue Stair shall be given by the AAI Inspection Team based on the Inspection of Truck Mounted Emergency Rescue Stair, if it is found in compliance with AAI Technical Specifications & Performance Parameter.
- 1.6 The Contractor shall be solely responsible to ensure the following:
 - a) Sound packing of their items.
 - b) Shipment of the items by the due date as specified in the contract.
 - c) Insurance
 - d) Custom clearance and handling of items at DisPort of entry in India.
 - e) Forwarding and transshipment of items up to the destination.
 - f) Insurance for inland transshipment.
 - g) Receipt of equipment at site and handing over to the authorized representative of the Airports Authority of India.
 - h) Repairs to the equipment during the guarantee and defects liability period.
 - i) CAMC of Truck Mounted Emergency Rescue Stairs for a total period of 07 (Seven) years including 02 (two) years of guarantee and defects liability period.

2 TESTING AND INSPECTION OF PROTOTYPE EQUIPMENT / COMPONENTS OF TRUCK MOUNTED EMERGENCY RESCUE STAIRS:

2.1 Stages of Inspection:

- a) **Prototype:** Prototype shall be developed for proving the performance of Truck Mounted Emergency Rescue Stairs before production of given quantity. Prototype shall be inspected as per **Annexure-III** of this Purchase Order / Section-D of Tender Document. The contractor shall intimate AAI after rectification of any shortcoming / suggestion in terms of NIT or operational requirement as brought out by AAI inspection team during inspection of prototype. After


R. Ashok Kumar
General Manager (Tech.-II)
ए.ए.आई., ए.ए.आई., कार्यालय परिसर / AAI, New Office Complex
सफदरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

getting satisfactory report AAI will intimate the manufacturer for production of the said equipment.

- b) **Factory Acceptance Test (FAT):** AAI Inspection team will inspect the Truck Mounted Emergency Rescue Stairs as per **Annexure-III** of this Purchase Order / Section-E of Tender Document.
- c) **Site Acceptance Test:** Each Truck Mounted Emergency Rescue Stairs will be visually inspected for any physical damage before taking over as per **Annexure-C** of this Purchase Order / Section-F of Tender Document. Any defect found during physical inspection while receiving the material, has to be rectified immediately before confirmation of receipt of material in good condition.

2.2 Facilities for Test and Examination:

The contractor shall at his own expense, offer to the Inspector all reasonable facilities as may be necessary for satisfying himself, that the equipment/execution of work is being and/or have been manufactured/executed in accordance with specifications laid down in the technical specifications attached to this tender document. The Inspector/Purchaser shall have full and free access at any time during the execution of the contract to the Contractor's works or site in case of execution of work for the purpose aforesaid, and he may require the contractor to make arrangements for inspection or work or any part thereof or any material at his premises or at any other place specified by the Inspector/Purchaser and if the contractor has been permitted to employ the service of a sub-contractor, reserve to the Inspector a similar right.

2.3 Cost of Inspection:

The contractor shall provide, without any extra charge, all materials, tools, labour and assistance of every kind which the Inspector/Purchaser may demand of him for any test/inspection and examination which he shall require to be so made on the contractor's premises and shall bear and pay all costs attendant thereon. In case of Inspection by Airports Authority of India appointed officers, the cost of traveling, boarding & lodging, of AAI Inspecting officer(s) to the site of inspection shall be borne by AAI. In case, however **the inspection needs to be repeated for the same lot or part thereof due to failure during first inspection then all expenditures towards third party inspection or all expenditure including traveling, boarding & lodging of AAI Inspecting officer(s) for the repeat inspection will be to the account of contractor.** If the contractor fails to comply with the conditions aforesaid, the Inspector/ Purchaser shall, in his sole, judgment be entitled to remove for test and examination all or any of the equipment manufactured by the Contractor to any premises other than his (Contractor's) and in all such cases the contractor shall bear the cost of transport and for carrying out such tests elsewhere. A certificate in writing of the Inspector/Purchaser that the contractor has failed to provide the facilities and the means, for test, inspection and examination shall be evidence of such failure.

2.4 Delivery of Stores for Test:

The contractor shall also provide and deliver for test, free of charge, at such place other than his premises as the Inspector/Purchaser may specify such equipment as he may require.

2.5 Method of Testing:

The Inspector shall have the right to put all the equipment and materials forming part of the same or any part thereof to such tests as he may think fit and proper. The contractor shall not be entitled to object on any ground whatsoever to the method of testing adopted by the Inspector.

आर. अशोक कुमार / R. Ashok Kumar
महप्रबंधक (तकनीकी) / General Manager (Tech.)-II
ए.ए.आई., ए.ए.आई., कार्यालय परिसर / AAI, AAI, New Office Complex
सफ़दरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

2.6 Inspection / Testing and Inspection Certificate:

- 2.6.1 The purchaser or his authorized representative or third party shall carry out pre-despatch inspection of Truck Mounted Emergency Rescue Stairs in one lot at the factory premises of the contractor.
- 2.6.2 The contractor shall give 30 days' written notice of any equipment being ready for testing, such tests shall be to the contractor's account except for the expenses by the inspector(s).
- 2.6.3 The Inspector shall within 15 days from the date of inspection give notice in writing to the contractor of any objection to any equipment and workmanship, which in his opinion is not in accordance with the contract. The contractor shall give due consideration to such objections and shall either make the modification that may be necessary to meet the said objections or shall confirm in writing to Inspector that no modifications are necessary to comply with the contract.
- 2.6.4 When the factory test has been completed at contractor's work, the Inspector shall issue a certificate to this effect within 15 days after completion of test. But if the test is not witnessed by the inspector(s), the certificate shall be issued within 15 days of the receipt of contractor's test certificate by the inspector. Failure of the Inspector to issue such certificate shall not prevent the contractor from proceeding with the works.
- 2.6.5 Inspection by Inspector(s) and issue of Inspection Certificate thereon shall in no way limit the liabilities and responsibilities of the contractor.

3. TERMS OF PAYMENT:

3.1 For Supply of Truck Mounted Emergency Rescue Stairs:

- 3.1.1 CIF cost of material in the quoted currency will be paid by way of letter of credit (LC) in stages as below:

- (i) 70% of F.O.B cost, 100% of Overseas Freight & Insurance (as per actual restricted to this PO rate) of contract for each lot will be released through LC after dispatch of goods and on submission of following documents:
 - A. Signed Commercial invoice in original and two copies.
 - B. Itemized packing list in original and two copies.
 - C. Bill of Lading / Waybill and two copies (as proof of dispatch).
 - D. Certificate of country of origin.
 - E. Certificate of factory acceptance test (if done by AAI) or QC issued by QC Department of supplier.
 - F. Documentary proof / Invoice raised by actual service provider (insurance firm) for overseas insurance.
 - G. Documentary proof / Invoice raised by actual service provider (freight operator) for overseas freight.
 - H. Tax withholding certificate issued by Indian Income Tax Authorities / CA Certificate (Form 15CB).

आर. अशोक कुमार / R. Ashok Kumar
महानिदेशक (तकनीकी) / General Manager (Tech.)-II
ए.ए.आई., ए.ए.आई., कार्यालय परिसर / AAI, AAI, New Office Complex
सफ़दरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

- (ii) Balance 30 % of FOB cost for each lot will be released through LC on submission of following documents (subject to LD, if any as per clause 5 of this Purchase Order).
- A. Confirmation of receipt of material from the consignee as per the format **(Annexure - C)**.
 - B. Certificate in respect of receipt of Bank Guarantee for CAMC and deployment of manpower (01 No. technician & 01 No. helper per Truck Mounted Emergency Rescue Staircase) at respective airport as per format **(Annexure- D)**.
 - C. Tax withholding certificate issued by Indian Income Tax Authorities / CA Certificate (Form 15CB).
- (iii) Contractor shall arrange the Tax Withholding Certificate issued by Indian Income Tax Authorities. However, AAI, at its sole discretion may release payment based on CA certificate (Form 15CB), subject to receipt of required documents, undertaking/indemnification. The list of documents is as follows –
- a) NO PE Certificate.
 - b) Tax Residency Certificate
 - c) Form 10F
 - d) Indemnity letter
 - e) Any other document as considered necessary by AAI for issuing Form 15CB.
- (iv) AAI shall issue and provide to supplier TDS Certificate (Form 16A) within the time prescribed as per Income Tax Act, 1961 for taxes withheld or paid on Supplier's behalf.
- (v) TDS will be deducted as per Indian Income Tax Act & Rules.
- (vi) Contractor shall be liable to pay any and all non-Indian taxes, duties, levies lawfully assessed against AAI or Contractor in pursuance of the contract. In addition, contractor shall be responsible for payment of all Indian duties, levies and taxes lawfully assessed against Contractor for both corporate and personal income and also all other taxes etc. relevant and applicable in respect of his property.
- (vii) 100% payment in INR of Custom Clearing & Forwarding Charges, inland Transportation and Inland insurance as per Clause (1) 1.2 of **Annexure – II** of this Purchase Order will be released on the receipt of goods at consignee and on submission of following documents: -
- a. Documentary proof / Invoice raised by actual service provider (Insurance firm)
 - b. Documentary proof / Invoice raised by actual service provider (freight operator).
 - c. Other payment, if paid, to third party against documentary proof.
- (viii) Payment would be released after adjusting any adjustments / withholdings / recoveries towards liquidated damages / compensation for delay, if any which the firm might have rendered themselves liable as per provision of contract.
- (ix) Custom Duty along with IGST shall be paid by AAI either through cash, EPCG or using Duty Credit Scrips (DCS) available with Airports Authority of India. The import of goods should be in the name of Airports Authority of India and Airports Authority of India GSTIN should be mentioned in the Bill of Entry.
- (x) Invoices for all the supplies shall be in the name of Airports Authority of India GSTIN so that Airports Authority of India can claim ITC of GST paid by it on supplies received.

आर. अशोक कुमार / R. Ashok Kumar
 महाप्रबंधक (तकनीकी) / General Manager (Tech.)-II
 ए.ए.आई., ए.ए.आई., कार्यालय परिसर / AAI, New Office Complex
 सफ़दरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

- (xi) Invoices for supply of Goods / Services have to be issued for each business place / state separately by supplier.
- (xii) M/s NAFFCO India Private Limited, New Delhi shall provide Invoices as per applicable GST Laws along with IRN if applicable. It shall be the duty of M/s NAFFCO India Private Limited, New Delhi to timely deposit the GST collected by it from Airports Authority of India with exchequer as per provisions of GST Law.
- (xiii) M/s NAFFCO India Private Limited, New Delhi shall ensure timely filing of its GST returns so that Airports Authority of India can avail ITC of GST paid to M/s NAFFCO India Private Limited, New Delhi without any delay. In case, Airports Authority of India will not be able to take ITC due to any compliance on the part of M/s NAFFCO India Private Limited, New Delhi, then National Fire Fighting Manufacturing FZCO, Dubai shall indemnify the Airports Authority of India.
- (xiv) If any goods / equipment supplied by M/s NAFFCO India Private Limited, New Delhi, then it shall directly billed to Airports Authority of India GSTIN in India so that ITC for the same can be availed.
- (xv) GST shall be levied by M/s NAFFCO India Private Limited, New Delhi on the Invoices raised in the name of Airports Authority of India GSTIN by M/s NAFFCO India Private Limited, New Delhi for services provided. Airports Authority of India may take ITC of GST paid to M/s NAFFCO India Private Limited, New Delhi subject to conditions regarding availability of Input Tax Credit.
- (xvi) In case, M/s National Fire Fighting Manufacturing FZCO, Dubai, UAE raises the invoice for any services from Dubai then GST will be payable by AAI under Reverse Charge Mechanism. AAI may take ITC of GST paid to M/s NAFFCO India Private Limited, New Delhi subject to conditions regarding availability of Input Tax Credit.

3.1.2 Opening of Irrevocable **Letter of Credit (LC)**:

- (i) LC (Irrevocable) for CIF/FOB value for the schedule of items would be opened by AAI after receipt of Proforma Invoice and acceptance of performance guarantee.
- (ii) The documents for the opening of LC shall be submitted to the Jt. GM (MM)/Concerned Official, Airports Authority of India, AAI Office Complex, Safdarjung Airport, New Delhi-110003 within 15 days from the date of issue of Purchase Order.
- (iii) If the supplier needs confirmation of the Letter of Credit, the confirmation charges are to be borne by the contractor.
- (iv) The bank charges for opening Letter of Credit to be levied by Indian Bankers shall be paid by AAI and that of the foreign Bankers by the contractor.

4. **PERFORMANCE GUARANTEE AND SECURITY DEPOSIT FOR COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT**

4.1 **Performance Guarantee:**

- 4.1.1 The performance guarantee is intended to secure the performance of the entire contract (Supply of equipment). However, it is not to be construed as limiting the damages stipulated in any other clauses of this contract.
- 4.1.2 The successful tenderer awarded with the work is required to submit Performance Guarantee which shall be furnished within 30 days of issue of purchase order. In case the contractor fails to

deposit performance guarantee within the stipulated period, no payment for the work done in r/o first running account bill will be released to the contractor until the submission of PBG. Moreover, **interest @ 12% p.a. on performance guarantee amount would be levied (Non-refundable) for delayed period of submission.** The performance guarantee shall be submitted in the form of irrevocable Bank guarantee to the extent of **3% (Three Percent) of total supply cost without taxes amounting to USD \$ 53740.00** (Exchange Rate is taken as 1 USD = Rs.76.76 as on date of opening of PQQ and Technical Bid) as per format given as **Annexure-A** from a Nationalized/Scheduled Bank (as per RBI schedule), having office in India along with letter of undertaking as Proforma **Annexure-B** The performance Bank Guarantee shall remain valid for 90 days beyond the date of completion of all contractual obligations of the supplier, including warranty obligations. If the agency fails to extend the validity of the performance guarantee, the same can be encashed by AAI.

- 4.1.3 In case, successful bidder fails to submit performance bank guarantee within 30 days of the issue of the letter of acceptance of his bid / Purchase Order, AAI reserve the right to forfeit EMD and cancel the order.
- 4.1.4 The Performance Security will be forfeited and credited to the accounts of AAI in the event of a breach of contract by the contractor.
- 4.1.5 The Performance Bank Guarantee shall be refunded to the contractor without interest, after he duly performs and completes the contract in all respects within 90(ninety) days of completion of all such obligations including the warranty under the contract.
- 4.1.6 The agency shall advise the branch of the bank, issuing Bank Guarantee, to send the original bank Guarantee directly to the Airports Authority of India (AAI) under Registered post (A.D.). However, in exceptional cases [as in case of EMD], where the guarantee is to handed over directly to the AAI for any genuine reasons, the branch shall immediately send by Registered Post (A.D) an unstamped duplicate copy of the guarantee directly to the AAI with a covering letter with request to compare the same with the original received from their customer and confirm that it is in order. The agency shall also advise the issuing bank branch to incorporate the address etc. of the Regional/Controlling Branch of the issuing branch in a suitable space in the Bank Guarantee. The A.D. card shall be kept with the loan papers of the relevant guarantee.
- 4.1.7 The agency shall also advise the issuing bank branch that whenever any letter is issued by AAI to the Concerned Bank Branch, for confirmation of having issued the Guarantee, Branch must send the confirmation letter to the concerned authorities promptly without fail.
- 4.1.8 No other form of security than the above shall be acceptable.
- 4.1.9 **Only on submission & acceptance of Bank guarantee towards performance security deposit for the work, the EMD received along with tender would be released.**

4.2 Security Deposit for Comprehensive Annual Maintenance Contract:

Bank guarantee towards Security Deposit against contract for CAMC shall be submitted to the Engineer-In-charge of respective airport, as per format given as **Annexure-A** from a nationalized or any scheduled Bank (as per RBI schedule), having office in India, along with letter of undertaking as per **Annexure-B**. for the values given below:

- 4.2.1 Contractor shall submit a separate Bank Guarantee (BG) for each airport for value equal to **3% of the total contract amount for CAMC** (Comprehensive Annual Maintenance Contract for respective airport) of Truck Mounted Emergency Rescue Stairs and this BG shall be valid for three months beyond the scheduled date of completion of CAMC period (i.e. validity shall be for 87 months from the date of start of CAMC (84 months of CAMC period + 3 months).
- 4.2.2 The contractor shall ensure that this Bank Guarantee is submitted to AAI before 30 days of supply of Truck Mounted Emergency Rescue Stairs at respective airport, failing which payment against CAMC may not be paid to the firm. In case the firm fails to submit BG within stipulated period, **interest @ 12% p.a. on Security Deposit against CAMC amount would be levied (non-**

अशोक कुमार / R. Ashok Kumar
महाप्रबंधक (तकनीकी) / General Manager (Tech.)-II
ए.ए.आई., ए.ए.आई., कार्यालय परिसर / AAI, New Office Complex
सफदरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

- refundable) for delayed period of submission and shall be deducted from the first bill payable to the contractor.
- 4.2.3 The bank guarantee submitted initially towards performance Security Deposit will be released after satisfactory completion of defects liability period.
The format for Bank Guarantee towards SD shall be as per **Annexure- A**. No other form of Bank Guarantee towards SD shall be acceptable to AAI.
- 4.2.4 The Security Deposit submitted for Comprehensive Annual Maintenance Contract for Truck Mounted Emergency Rescue Stairs shall be released on completion of CAMC period without any interest.
- 4.3 If the contractor fails to furnish security deposit in the above referred form within the stipulated period, it shall be lawful for the purchaser to recover the amount from the running bills payable to the contractor for the executed work, if required.
- 4.4 No interest will be paid by AAI on any of Performance bank guarantees /Security Deposit.
- 4.5 If the Contractor fails to furnish securities in the above forms, the Purchaser is entitled cancel the contract or any part thereof and execute or authorize to execute the work at the risk and cost of the contractor.
- 5. Compensation for Delay:**
- 5.1 AAI reserves the right to cancel the order wholly or in part without any liability to pay cancellation charges and forfeit the EMD and or encash the performance Bank Guarantee in full absolutely, in case of failure by contractor to initiate and affect any delivery even after lapse of 50% of contract period.
- 5.2 A sum equivalent to **0.5 (half) per cent per week** for the price of uncompleted portion / activity / delivery of contract cost executed / completed beyond delivery schedule is recovered as liquidated damages. The total damages shall not exceed 10 (Ten) per cent of the value of delayed goods. The liquidated damages shall be calculated on the base cost without the Govt. taxes and duties.
- 5.3 The amount of compensation may be adjusted or set-off against any sum payable to the Contractor under this contract or any other contract with the Purchaser.
- 6. Guarantee and warranty period:**
- 6.1 One-point guarantee shall be extended by the contractor for all equipments/ appliances, components, sub-assemblies etc. supplied with the Truck Mounted Emergency Rescue Stairs as per AAI Technical Specification (**Annexure – III** of this Purchase Order / Section-D of Tender Document). **The warranties, in excess, on engine, transmission, Pump & Other Assemblies, and all Accessories, Equipments & Tools etc. supplied with Truck Mounted Emergency Rescue Stairs to notified guarantee in the tender, shall be passed on to the Airports Authority of India.**
- 6.2 The contractor shall guarantee that all equipment shall be free from any defect due to the defective materials and bad workmanship and that the equipment shall operate satisfactorily and that the performance and efficiencies of the equipment shall be not less than the guarantee values. The guarantee shall be valid for a period of **two years** from the date of put into use of respective Truck Mounted Emergency Rescue Stairs at consignee place/airport. Part found defective during guarantee period shall be replaced/ rectified by the contractor without any charges whatsoever. The services of the contractor's personnel, if requisitioned during this period, for such work, shall be made available free of any cost to the Authority.
- 6.3 If the defects are not remedied as per SLA (Service Level Agreement), the Authority shall proceed to do so at the contractor's risk and expense without prejudice to any other right as well as the guarantee period of the equipment shall be extended as deemed fit.

आर. अशोक कुमार / R. Ashok Kumar
महाप्रबंधक (तकनीकी) / General Manager (Tech.)-II
ए.ए.आई., ए.ए.आइ. कॉम्प्लेक्स परिसर / AAI, New Office Complex
सफ़दरजंग एयरपोर्ट, दिल्ली-03/Safdarjung Airport, New Delhi-110003

6.4 **The contractor shall furnish the following guarantees: -**

"We warrant that everything supplied by us including all components fitted into the equipment manufactured by others also, shall be in all respects free from all defects and results in material, workmanship and manufacture and shall be of the highest grade and quality up to acceptable standards for all materials of the type ordered and shall be in full conformity with all the specifications, drawings or samples if any, and we shall be fully responsible for its efficient performance. This guarantee shall survive inspection for acceptance, and payment for the equipment, but shall expire (except in respect of the complaints notified to us) **24 months** for the truck Mounted Emergency Rescue Stairs at Chennai & Kolkata Airports exclusively from the date of put into use.

6.5 The contractor shall replace such of these parts which require replacement under these conditions free of costs, charges and expenses to the purchaser. In addition, the contractor shall be responsible for a period of **24 months** for **Truck Mounted Rescue Emergency Stairs** at Chennai & Kolkata Airports exclusively from the date of put into use, for any defect that may develop or appear under the conditions provided for by the contractor or use thereof arising from faulty material design or workmanship in the equipment or any part thereof or faulty equipment of the contractor but not otherwise and shall remedy such defects as per SLA from the date of notification at his own cost, charges and expenses when called upon to do so by the purchaser who shall state in writing in what respect the portion is faulty.

6.6 Any faulty components replaced or renewed under the clause shall also be guaranteed for a period of twenty-four (24) months from the date of such replacements or removal or until the end of the above mentioned period whichever is later. If any defect is not rectified within the said period as per SLA, the purchaser may proceed to do the work at contractor's risk, acceptance and without prejudice to any other rights which the purchaser may have on the contractor in respect of such character as may affect the replacement or renewals of such defects. Further, if the replacement or renewals are of such character as may affect the efficiency of the installation the purchaser shall have the right to give the contractor within one month from such replacement or renewal, notice in writing for appropriate test to be carried out and should such test show to the satisfaction of the purchaser that the equipment/installation sustains the guarantee given in the contract, the cost of such test shall be borne by the purchaser, should the guarantee be not sustained the cost of the test will be borne by the contractor.

6.7 All inspection, replacement, or rectifications carried out by the contractor during the maintenance period shall be at the cost, charges and expenses of the contractor subject to the same conditions as in the contract.

Annexure – III (To Purchase Order No. – 02/2021)

TECHNICAL SPECIFICATIONS & METHODOLOGY OF TESTING FOR TRUCK MOUNTED EMERGENCY RESCUE STAIRS

NIT Para No.	Technical Specification	Make/Model/ Technical Parameter as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method for FAT
1	GENERAL Rescue/Escapes Stairs shall be used by fire service department at various airports mainly for passenger evacuation, access for ARFF team, fuselage firefighting, cockpit firefighting, APU firefighting, medical emergencies, unloading of freight from airplanes in emergency etc. The vehicle shall comply with all standards of NFPA, ICAO, EN/equivalent;	Mallaghan Fire Rescue Stairs Model: 'EUROSTAIR HR TM'	Self-Certification/ documents	Check as per technical offer
1.1.1	EN 12312-1 Aviation Ground Equipment – Special Requirement part 1: Aviation Passenger Stairs.		Self-Certification/ documents	Check as per technical datasheet
1.1.2	EN 1915-1 Aviation Ground Equipment – General Requirements, Part 1: Basic Safety Requirements.		Self-Certification/ documents	Check as per technical datasheet
1.1.3	EN 1915-2 Aviation Ground Equipment – General Requirement, Part 2: Stability and strength requirements, calculation and test methods.		Self-Certification/ documents	Check as per technical datasheet
1.1.4	EC type examination as per EC machinery directive 2006/42/EG Danger analysis according to EN 414 Or manufacturer shall submit the undertaking for providing the required certificate from certification agency at the time of Pre Dispatch Inspection.	Required Certificate from the certification agency will be provided at the time of Pre-Dispatch Inspection. CEN guide 414:2017	Self-Certification/ documents	Check as per technical datasheet
2	TRUCK CHASSIS	VOLVO FMX 6x6 chassis rated at 32 Tons GVW.	-	-
2.1	Chassis GVW shall not be less than 30 tons with 6x6 All-wheel drive with individual differential lock.		Self-Certification/ documents	Check as per Technical Data Sheet
2.2	Engine: The vehicle's engine shall be HSD (High Speed Diesel) driven, and have minimum horse power, torque and speed characteristics to meet and maintain all vehicular performances	VOLVO Engine Model D13K460, EU6SCR	Self-Certification/ documents	Check as per Technical Data Sheet

आर. अशोक कुमार / R. Ashok Kumar
 महाप्रबंधक (कर्मचारी) / General Manager (Tech.-II)
 ए.ए.आई., ए.ए.आर., कार्यालय परिसर / AAI, AAI, New Office Complex
 सफ़दरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

NIT Para No.	Technical Specification	Make/Model/ Technical Parameter as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method for FAT
	specified in this standard. (complying to Min. Euro VI/Bharat VI norms)			
2.3	Gear Box: The chassis shall be equipped with automatic gear transmission. The vehicle shall also be equipped with ABS (Antilock Braking System), EBD (Electronic Brake-force Distribution), ESP (Electronic Stability Program) or equivalent of ABS, EBD, ESP/ESC.	VOLVO ABS & EBD Retro fitment of LG ALERT System for ESP / ESC	Self-Certification/ documents	Check as per Technical Data Sheet
2.4	Acceleration of Vehicle: 0-80 km/h in less than 40 seconds		Performance Test	Check Quality Control Sheets, physical performance test and Certificates
2.5	Steering: Right hand drive.		Self-Certification/ documents	Check as per Technical Data Sheet
2.6	Engine Cooling: Engine shall be liquid cooled so that stabilized cylinder head and oil temperature remain within the engine manufacturer's prescribed limits under all operational conditions and all ambient temperatures between 0 ⁰ (degree) centigrade and 50 ⁰ C.		Self-Certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
2.7	Fuel tank capacity shall be 200 liters or more.		Self-Certification/ documents	Check as per Technical Data Sheet
2.8	Make: Original chassis manufacturers make, 6 cylinder, four stroke diesel engine, minimum EURO VI/Bharat VI emission standard.		Self-Certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
2.9	Maximum Output: not less than 450 HP		Self-Certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
2.10	Original chassis manufacturers make suitable for hydraulic PTO driven pump operation shall be provided with supply oil pressure in the hydraulic system. Hydraulic valves shall be driven electrically. The system consist of the hydraulic tank, condition filter,		Self-Certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
2.11	Towing: Single/two shackles in the vehicle front and rear.	आर. अशोक कुमार / R. Ashok Kumar नियंत्रक (तकनीकी) / General Manager (Tech.)-II ए.ए.आई., ए.ए.आई., कार्यालय परिसर / AAJ, AAJ, New Office Complex सफ़दरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003	Self-Certification/ documents	Check Quality Control Sheets,

NIT Para No.	Technical Specification	Make/Model/ Technical Parameter as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method for FAT
	In case of electronic failure, all hydraulic function can be also operated manually.		documents	and Certificates as per technical datasheet
3	VEHICLE DRIVE			
3.1	Transmission of power from engine to wheels shall be through a torque converter and fully automatic transmission, having designed input parameters higher than designed output parameters of main engine.	Fully Automatic VOLVO Transmission Model PT2606	Self-Certification / documents	Check Quality Control Sheets, and Certificates as per technical datasheet
3.2	A transmission cooling system shall be provided and designed so that the stabilized transmission oil temperature remains within the transmission conditions and at all ambient temperatures.		Self-Certification / documents	Check Quality Control Sheets, and Certificates as per technical datasheet
3.3	The transmission shall be matched to the engine properly, and shall be approved by transmission manufacturer.		Self-Certification / documents	Check Quality Control Sheets, and Certificates as per technical datasheet
4	RIMS, TYRES AND WHEELS	395/85 R20 XZL 2 single mount Michelin Tyres, with steel rims.		
4.1	Tyres shall be selected to maximize the acceleration speed, braking and manoeuvring capabilities of the vehicle on paved surfaces without sacrificing performance on all reasonable terrains found within airport boundary.		Self-Certification/ documents	Check as per Technical Data Sheet
4.2	Tyres size shall be suitable to optimize floatation under soft ground conditions. The lowest tyre pressure shall be compatible with the high-speed performance requirement.		Self-Certification/ documents	Check as per Technical Data Sheet
4.3	All wheels on the vehicle shall be of the single wheel type with all rims, tyres and wheels of identical size and same tread design.		Self-Certification/ documents	Check as per Technical Data Sheet
4.4	Rims, tyres, wheels, and inflation pressures shall be approved by the respective manufacturers as having sufficient capacity to meet the performance.		Self-Certification/ documents	Check as per Technical Data Sheet
4.5	Size of tyre should be such to meet all	आर. अशोक कुमार / R. Ashok Kumar महाप्रबंधक (तकनीकी) / General Manager (Tech.)-II ए.ए.आई., ए.ए.आई. अड्डा परिसर / AAI, New Office Complex सफ़दरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003	Self	Check Quality

NIT Para No.	Technical Specification	Make/Model/ Technical Parameter as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method for FAT
	vehicular performances.		Certification / documents	Control Sheets, and Certificates as per technical datasheet
5	CABIN	VOLVO Make, Model: FMX-DAY Cabin		
5.1	The cabin shall be original chassis manufacturers make, Air-conditioned, forward control type, hydraulic operated tilting cabin in all the steel construction for two (01 driver + 01 fire-fighter). The seating arrangement shall be adjustable seats and upholstered. All seats shall be fitted with safety belt. The co-driver seat shall be fixed and come with integrated BA bracket for quick action facilities.		Self-Certification / documents	Check Quality Control Sheets, and Certificates as per technical datasheet
5.2	The vehicle shall be constructed such that a seated driver shall be able to see the ground 6 Meter ahead of the vehicle and minimum 15 degrees above the horizontal without leaving seat. The vision in the horizontal plane shall be 90 degrees on each side from the straight position on a full forward control.		Self-Certification / documents	Check Quality Control Sheets, and Certificates as per technical datasheet
5.3	The windshield shall be shatterproof safety glass, and all other windows shall be constructed of approved safety glass. Two doors are to be provided to the cabin with electrical roll down windows, which should be openable at 90 degrees for easy ingress and egress of crew. Right Hand steering system shall be provided.		Self-Certification / documents	Check Quality Control Sheets, and Certificates as per technical datasheet
5.4	Keeping in view excessive width of RESCUE STAIRS, positioning of steering system, and to ascertain better access to rear portion of RESCUE STAIRS, a rear view camera with a monitor at the panel shall be provided. The cab shall be weatherproof, and shall be fully insulated thermally and		Self-Certification / documents	Check Quality Control Sheets, and Certificates as per technical datasheet

आर. अशोक कुमार / R. Ashok Kumar
 महाप्रबंधक (तकनीकी) / General Manager (Tech.)-II
 ए.ए.आई., ए.ए.आई., कार्यालय परिसर / AAJAI, New Office Complex
 सफ़दरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

NIT Para No.	Technical Specification	Make/Model/ Technical Parameter as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method for FAT
	acoustically with a fire-resistant material. The cab may be of the unitized rigid body and frame structure type or it may be a separate unit flexibly mounted on the main vehicle frame. The cab shall be constructed from non-corrosive materials that provide lightest weight consistent with adequate strength to ensure a high degree of safety for the crew under all operating conditions including excess heat exposure, cabin noise, vibrations and in the event of a vehicle rollover accident. The material should also be guaranteed against any sort of deterioration, deformation, ageing and corrosion for a minimum period of twelve years.			
5.5	Cabin shall be designed according to ECE R29 crash test requirement.		Self-Certification / documents	Check Quality Control Sheets, and Certificates as per technical datasheet
5.6	Dashboard shall be equipped with all necessary gauges, pilot lamps, and switches.		-	Check as per technical datasheet
5.7	Window roof in driver cab to ensure proper operation and view to the stair construction during docking operations		-	Check Quality Control Sheets, and Certificates as per technical datasheet
5.8	Control panel driver cab shall be equipped with video monitor for camera at the front of the platform and for the reverse camera, LCD display for vehicle status and operation control system, permission switch (two hand operation), support jacks up/down, stair up/down, stair extend / retract, platform in/out, spots platform on/off, illumination stair on/off, emergency off.		Self-Certification / documents	Check Quality Control Sheets, and Certificates as per technical datasheet
6	STAIR CONTROL PANEL			
6.1	It shall be located between the drivers and co-driver's seat. The control panel shall be lettered in English, where pictograms do not serve the purpose.		Self-Certification/ documents	Check Quality Control Sheets, and Certificates as per technical

आर. अशोक कुमार / R. Ashok Kumar
 महाप्रबंधक (तकनीकी) / General Manager (Tech.)
 ए.ए.आई., ए.ए.आई. परिसर / AAI, New Office Complex
 सफ़दरजंग एअरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

NIT Para No.	Technical Specification	Make/Model/ Technical Parameter as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method for FAT
	The panel shall comprise;			datasheet
6.2	Switch for PTO ON/OFF		-	Check as per technical datasheet
6.3	Permission Switch		-	-do-
6.4	Emergency Stop		-	-do-
6.5	Pilot lamp door open/closed.		-	-do-
6.6	Lights		-	-do-
6.7	Switch floodlight/ground ON/OFF		-	-do-
6.8	Switch stair illumination ON/OFF		-	-do-
6.9	Switch beacons ON/OFF		-	-do-
6.10	Staircase hydraulics.		-	-do-
6.11	Staircase UP/DOWN		-	-do-
6.12	Staircase Extended/Retracted.		-	-do-
6.13	Platform IN/OUT		-	-do-
6.14	Jack Control		-	-do-
6.15	All jacks UP / DOWN (Automatic jacking system / automatic jack leveling)		-	-do-
6.16	Separate jack control		-	-do-
6.17	Level Control System: The vehicle shall come with level adjustment system for the stairs. It shall enable the operator to extend the staircase to preselected heights corresponding to various door sill heights. The rescue height shall be selected from a touch screen adjacent to the stair control panel in the cabin. The staircase shall be extended automatically only if permission switch is being pressed simultaneously. In case of electronic failure, all hydraulic function can be also operated manually.		-	-do-
7	MATERIAL SELECTION AND TREATMENT			
7.1	Material used for construction of the appliances shall be new, unused and free from all defects and imperfection that might affect the serviceability of the finished product. These shall be selected with a view to combine lightness with strength and durability.		-	Check Quality Control Sheets, and Certificates as per technical datasheet
7.2	Materials used in the assembly and components shall be of high strength to		-	Check Quality Control Sheets,

आर. अशोक कुमार / R. Ashok Kumar
महाप्रबंधक (तकनीकी) / General Manager (Tech.)-II
ए.ए.आई., ए.ए.आई., कार्यलय परिसर / AAI, AAI, New Office Complex
सफदरजंग एयरपोर्ट, नई दिल्ली-110003/Safdarjung Airport, New Delhi-110003

NIT Para No.	Technical Specification	Make/Model/ Technical Parameter as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method for FAT
	weight ratio where practicable to effect saving in dead weight and thereby increase the payload capacity. Use of dissimilar Materials in contact with each other which tends towards electrolytic corrosion shall be avoided.			and Certificates as per technical datasheet
7.3	The appliance is intended for use in tropical conditions with continuous high humidity and heat and also in coastal area. This fact shall be given full consideration while selecting material and for this reason use of rubber shall be avoided as far as possible. Wherever, it is unavoidable to use rubber the parts made out of it shall be readily available.		-	Check Quality Control Sheets, and Certificates as per technical datasheet
7.4	The material used for superstructure should be non-corrosive and guaranteed against any sort of deterioration, deformation, ageing and corrosion for a minimum period of ten years. This being one of the important criteria for evaluation, the exact material to be used, its detailed technical specification and the relevant standards to which such material conforms should be clearly stated.		-	Check Quality Control Sheets, and Certificates as per technical datasheet
7.5	Timber shall not be used in body construction.		Self-Certification / documents	Check as per technical datasheet
7.6	All parts, which form waterways or come into contact with foam concentrate shall be of non-corrosive material. All metal pipelines shall be hot dip galvanized after complete fabrication. All parts exposed to atmospheres shall be made of non-corrosive material. All ferrous fasteners shall be galvanized/chrome plated to avoid rusting over prolonged use.		Self-Certification / documents	Check Quality Control Sheets, and Certificates as per technical datasheet
8	STAIRS			
8.1	Steps: Aluminium		Inspection	Check as per technical datasheet
8.2	Stair Body: Steel, ACC coated and painted.	आर. अशोक कुमार / R. Ashok Kumar	-do-	-do-
8.3	Stair Panels: Aluminium	महाप्रबंधक (तकनीकी) / General Manager (Tech.)-II	-do-	-do-

NIT Para No.	Technical Specification	Make/Model/ Technical Parameter as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method for FAT
8.4	Platform: Floor Aluminium		-do-	-do-
8.5	Platform Body: Steel, ACC Coated and Painted.		-do-	-do-
9	WIND STABILITY OF STAIRS			
9.1	Not less than 40 Knots (20.57 m/s) according to EN 1915-2 at following condition: i) Side Slope +/- 1.5 degree ii) One tire without air. iii) No support jacks		Self-Certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
9.2	Load capacity/platform – not less than 320 kg /m ²		Performance test	Check Quality Control Sheets, and Certificates as per technical datasheet
9.3	Load capacity/steps - not less than 240 kg/step		Performance test	Check Quality Control Sheets, and Certificates as per technical datasheet
9.4	The manufacturer shall undertake that it will submit necessary certificate from certification agency in respect of para 9.1, 9.2 & 9.3 at the time of Pre Dispatch Inspection.			
10	STAIRS – FIXED PART			
10.1	Number of steps (Anti-slide material and can be used bare foot) shall not exceed 18 steps.		Inspection	Check as per technical datasheet
10.2	Width: not less than 1500 mm Depth: Not less than 390 mm		Dimension	Check Quality Control Sheets, and Certificates as per technical datasheet
10.3	Height depending on climb angle range of 18° to 37° : between 120-230 mm depending upon the climbing angle.		Dimension	Check Quality Control Sheets, and Certificates as per technical datasheet
10.4	Hand rail height: 900 mm approx..	Approx. 1000 mm	Dimension	Check Quality Control Sheets, and Certificates as per technical datasheet

आर. अशोक कुमार / R. Ashok Kumar
 महाप्रबंधक (तकनीकी) / General Manager (Tech.)-II
 ए.ए.आई., ए.ए.आई., कार्यलय परिसर, AAI, New Office Complex
 सफ़दरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

NIT Para No.	Technical Specification	Make/Model/ Technical Parameter as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method for FAT
10.5	Steps always fully horizontal to chassis: steps shall be fully horizontal at any time of operation while the vehicle is jacked.		Inspection	Check Quality Control Sheets, and Certificates as per technical datasheet
10.6	The height adjustment of the main stairs shall be done by two hydraulic cylinders, both with their own safety device (non-return valve) and mechanical locking system fully as per EN 12312-1 with catches and latches.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
10.7	The fixed part shall be connected to the auxiliary frame (center of rotation and hydraulic cylinders)		Self-certification / documents	Check Quality Control Sheets, and Certificates as per technical datasheet
11	INTERSECTION PLATFORM BETWEEN THE FIXED AND TELESCOPIC PART OF THE STAIRS.			
11.1	Width: minimum 1500 mm		Dimension	Check as per technical datasheet
11.2	Depth depending on climb angle: minimum 500 mm		Dimension	Check as per technical datasheet
12	STAIRS – TELESCOPIC PART			
12.1	Number of steps: 17 steps approx.		Inspection	Check as per technical datasheet
12.2	Width: minimum 1500 mm		Dimension	Check as per technical datasheet
12.3	Depth: not less than 390 mm		Dimension	Check as per technical datasheet
12.4	Height depending on climb angle range of 10° to 37°: 120-230 mm depending upon the climb angle.		Dimension	Check Quality Control Sheets, and Certificates as per technical datasheet
12.5	Steps always horizontal to chassis.			
12.6	Handrail height: 900 mm approx.	Approx. 1000 mm	Inspection	Check as per technical datasheet
12.7	The height adjustment of the telescopic		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet

NIT Para No.	Technical Specification	Make/Model/ Technical Parameter as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method for FAT
	stairs shall be done by hydraulic cylinder, with its own safety device (non-return valve) and mechanical locking system fully as per EN12312-1 with catches and latches.		certification/ documents	Control Sheets, and Certificates as per technical datasheet
13	RESCUE PLATFORM (ANTI-SLIDE MATERIAL)			
13.1	It shall reach up to the deck door of A330-200/300, B 747-400/400C and B777	MAS SIL HEIGHT Upto 6000 mm	Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
13.2	Width: minimum 2000 mm.		Dimension	Check as per technical datasheet
13.3	Depth: minimum 2000 mm		Dimension	Check as per technical datasheet
13.4	Telescopic Depth: minimum 1000mm		Dimension	Check as per technical datasheet
13.5	Handrail height: minimum 900 mm		Dimension	Check as per technical datasheet
13.6	Platform shall always be horizontal to the airplane fuselage with an angle of not less than $\pm 15^\circ$.		Parameter	Check as per technical datasheet
13.7	Self-Contained Breathing Apparatus (SCBA) mounting bracket shall be provided.		Provisioning for accessories	Check as per technical datasheet
13.8	A rubber bumper shall be fitted to the front edge of the platform to prevent the airplane fuselage from damage.		Inspection	Check as per technical datasheet
13.9	A sliding panels shall be fitted at both sides of the platform. The panels can be extended individually for precise docking onto the airplane fuselage in order to avoid gaps and to correspond to the different airplane door types.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
14	RAMP - FOLDABLE HYDRAULIC RAMP WITH AUTOMATIC LOCKING AND UNLOCKING SYSTEM.			
14.1	The ramp shall allow an easy access for the evacuation of the passengers and the rescue team with its equipment.		Self-certification/ documents	Check Quality Control Sheets, and Certificates

NIT Para No.	Technical Specification	Make/Model/ Technical Parameter as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method for FAT
				as per technical datasheet
14.2	Safety installation: Emergency off at each side of the back.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
14.3	Step free to ground angle: 18° approx.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
15	CONTROL OF RESCUE/ESCAPE STAIRS.			
15.1	Control panels on platform and driver cabin.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
15.2	Control panels assured by locking system to avoid the use of both control panel units at the same time.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
15.3	Emergency off.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
15.4	All function can be done manually in case electrically problems in emergencies. Cameras to view front and back of vehicle.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
16	SUPPORT JACK SYSTEM			
16.1	Stabilizer feet and weight distribution pads for use on uneven ground.		Self-certification / documents	Check Quality Control Sheets, and Certificates as per technical datasheet
16.2	Hydraulic support jacks: 04 nos.	05 Nos.	Inspection	Check as per technical datasheet
16.3	Support plates until 15° inclination.		Self-certification	Check Quality Control Sheets, and Certificates

आर. अशोक कुमार / R. Ashok Kumar

महाप्रबंधक (तकनीकी) / General Manager (Tech.)-II

ए.ए.आई., ए.ए.आई., परिसर / AAJ, AAJ, New Office Complex

सफ्दरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

NIT Para No.	Technical Specification	Make/Model/ Technical Parameter as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method for FAT
				as per technical datasheet
16.4	Automatic level regulation shall balance differences in ground height of upto minimum 190mm.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
16.5	Manual operation in case of emergency.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
16.6	Warning lights and buzzer during operation of jacks.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
17	DISTANCE SENSOR SYSTEM			
17.1	Distance proximity sensor for distance to the Aircraft shall be provided underneath the rescue platform on the top of the vehicle.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
17.2	For precise docking at the airplane door can be performed directly via the platform controls or in case of a one-man operation from the cabin with visual references provided from the video camera.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
18	ELECTRIC DRIVEN POSITIVE PRESSURE HIGH PERFORMANCE FAN	Model ESV 230 NEO		
18.1	An electric driven positive pressure high performance fan shall be located under the control panel on the platform shall be provided. The fan shall have the following characteristics:		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
18.2	Infinite speed control from 0-100% speed.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
18.3	Analog/digital display.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical

आर. अशोक कुमार / R. Ashok Kumar

महाप्रबंधक (संयोजक) / General Manager (Tech.)-II

ए.ए.आई., ए.ए.आई., कार्यलय, प्रोसर / AAI, AAI, New Office Complex

सफ़दरजंग एयरपोर्ट, नई दिल्ली-110003/Safdarjung Airport, New Delhi-110003

NIT Para No.	Technical Specification	Make/Model/ Technical Parameter as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method for FAT
				datasheet
18.4	230V plug, IP 68 proof. Soft start function.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
18.5	Operation shall be possible with power generation for not more than;	Generator Model: HONDA EM - 10000, Engine – GX630	Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
18.6	3 kVA power capacity.	8kVA HONDA EM - 10000	Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
18.7	Electric motor 230V, not less than 2.2 kW		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
18.8	Air output diameter not less than 16"		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
18.9	Air capacity not less than 14900 m ³ /h		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
18.10	Air capacity with (injection principle) not less than 30000 m ³ /h		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
18.11	Dimensions (WxHxD) not more than 570mmx635mmx500mm(±50mm)		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
18.12	Weight not more than 45 kg.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet

अ. अशोक कुमार / R. Ashok Kumar

महानिदेशक (तकनीकी) / General Manager (Tech.)-II

ए.ए.आई., ए.ए.आई. कॉम्प्लेक्स परिसर / AAI, AAI, New Office Complex

सफदरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

NIT Para No.	Technical Specification	Make/Model/ Technical Parameter as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method for FAT
				datasheet
19	FIRE FIGHTING SYSTEM			
19.1	Pump – ultra high pressure pump not less than 100 bar with discharge rate 40 LPM	FIRECO Make Pump Model – 50B, 14 HP	Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
19.2	Driven – Petrol driven, air cooled engine.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
19.3	Operation- Automatic and manual.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
19.4	Water Tank Capacity – 500 L		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
19.5	Foam Capacity – 50 L		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
19.6	Water filling – through external source, 63 mm instantaneous coupling.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
19.7	Hose Reel (mounted on platform right hand side) – 60 meters of appropriate diameter with nozzle (spray, fog & jet) and foam branch.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
19.8	Hose Reel Winding – Electrical and manual rewinding of the hose.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
19.9	Alternate water source for firefighting – A telescopic pipe mounted underneath the stair case structure to provide water		Self-certification/ documents	Check Quality Control Sheets, and Certificates

आर. अशोक कुमार / R. Ashok Kumar
 महाप्रबंधक (तकनीकी) / General Manager (Tech.)-II
 ए.ए.आई., ए.ए.आई., कार्यालय परिसर / BAI, AAI, New Office Complex
 सफ़दरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

NIT Para No.	Technical Specification	Make/Model/ Technical Parameter as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method for FAT
	supply.			as per technical datasheet
19.10	External water inlet with 63 mm instantaneous coupling on the platform without obstructing the escape route.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
20	PAINTING/FINISH			
20.1	Super structure: Aviation yellowish green.		Inspection	Check as per technical datasheet
20.2	Chassis Frame: As per chassis manufacturer's standards.		Inspection	Check as per technical datasheet
20.3	Rims: silver		Inspection	Check as per technical datasheet
20.4	Bumpers: grey		Inspection	Check as per technical datasheet
20.5	Fenders: grey		Inspection	Check as per technical datasheet
20.6	Stairways: Yellowish green		Inspection	Check as per technical datasheet
20.7	Stairways supporting frame: grey.		Inspection	Check as per technical datasheet
20.8	AAI & AFS Logo as per approved design to be printed.		Inspection	Check as per technical datasheet
21	STANDARD CERTIFICATION, AS PER EN/BS NORMS.			
21.1	The vehicle shall comply with EN12312-1 aviation ground equipment – Special requirement part 1: aviation passenger stairs.		Self-certification/ documents	Check as per technical datasheet
21.2	EN 1915-1 aviation Ground Equipment – General Requirements, Part 1: Basic Safety Requirements.		Self-certification/ documents	Check as per technical datasheet
21.3	EN 1915-2 Aviation Ground Equipment – General Requirement, Part 2: Stability and strength requirements, calculation and test methods.		Self-certification/ documents	Check as per technical datasheet

आर. अशोक कुमार / R. Ashok Kumar

महानिरीक्षक (तकनीकी) / General Manager (Tech.) II

ए.ए.आई., ए.ए.आई., कार्यालय/परिसर /AAI, AAI, New Office Complex
सफ़दरजंग एयरपोर्ट, नई दिल्ली / Safdarjung Airport, New Delhi-110003

NIT Para No.	Technical Specification	Make/Model/ Technical Parameter as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method for FAT
21.4	EC type examination as per EC machinery directive 2006/42/EG		Self-certification/ documents	Check as per technical datasheet
21.5	Danger analysis according to EN 414	Required Certificate from the certification agency will be provided at the time of Pre-Dispatch Inspection. CEN guide 414:2017	Self-certification/ documents	Check as per technical datasheet
22	VEHICLE ELECTRICAL SYSTEM :			
22.1	Each one amber colored flash light shall be mounted at the front top and rear end of the stairway for airport obstruction purpose.		Inspection	Check as per technical datasheet
22.2	Emergency Flash Lights shall be mounted at the radiators grill (blue color)		Inspection	Check as per technical datasheet
22.3	The vehicle shall come with complete integrated public address system and siren, complete with cabin mounted hand microphone and external loudspeaker.	PA System Model KHM Federal Signal AS940	Inspection	Check as per technical datasheet
22.4	A battery main switch for cutting all power from the battery shall be provided inside the cabin.		Inspection	Check as per technical datasheet
22.5	In addition, the vehicle shall be equipped a GSM transponder system, which reports anomalies of the vehicle control system to a centralized database maintained by the manufacturer. The information shall be reported back to the client maintenance department via automated E-mail system. SMS systems are not allowed.	NAFFCO Telemaintenance System	Inspection	Check as per technical datasheet
22.6	The vehicle shall also be equipped with a GPS module, allowing to visualize the location of the vehicle on a satellite image in a permanent basis. Visualization shall be enabled on any commercially available personal computer connected to the World Wide Web utilizing a standard web browser. A	Make: Intelligent Systems	Inspection	Check as per technical datasheet

NIT Para No.	Technical Specification	Make/Model/ Technical Parameter as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method for FAT
	detailed description of the system shall be provided with the offer.			
22.7	Central overhead light unit actuated via door switch.		Inspection	Check as per technical datasheet
22.8	The vehicle shall be provided with 12/24 volts electrical system and 24 volts starting.		Inspection	Check as per technical datasheet
22.9	The electrical system shall have negative ground including alternator and voltage regulator. Alternator shall be at 100% of anticipated load at 50% engine speed, and shall be, of belt driven.		Inspection	Check as per technical datasheet
22.10	The curb idle minimum-charging rate of the alternator shall be 30 Amps.		Inspection	Check as per technical datasheet
22.11	Batteries shall be secured and well protected from against physical injury, vibration, and water sprays and engine and exhaust heat. When an enclosed compartment is provided for batteries, it shall be well ventilated and batteries shall be easily accessible for examination, test and maintenance.		Inspection	Check as per technical datasheet
22.12	The circuits shall be so designed that at no stage of operation overloading, overheating or short-circuiting and fluctuation of voltage is experienced.		Inspection	Check as per technical datasheet
22.13	A built in battery charger shall be provided on the vehicle to maintain full charge on all batteries. Grounded AC receptacle shall be provided to permit a drive away plug connection from external electric power supply to battery charger.	DOMETIC PERFECTCHARGE – MCA 2425 IUOU Battery Charger 25A, 24V	Inspection	Check as per technical datasheet
22.14	The electrical system shall be insulated, waterproofed and protected against exposure from ground fires.		Inspection	Check as per technical datasheet
22.15	The effect of electromagnetic field of all electrical systems of Radio sets shall be suppressed so that it does not interfere with functioning of radio sets.		Inspection	Check as per technical datasheet
23	DOCUMENTATION			
23.1	For the chassis each two nos. of operation manual and spare parts		Documents	Check as per technical

NIT Para No.	Technical Specification	Make/Model/ Technical Parameter as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method for FAT
	catalogues shall be provided			datasheet/offer
23.2	For the superstructure each two operation manuals, service and maintenance manuals and spare parts manuals.		Documents	Check as per technical datasheet
23.3	All manual shall be in English language.		Check	Check as per technical datasheet/ offer
24	EQUIPMENT LOCKERS AND DESIGNATED TOOLS & EQUIPMENT			
24.1	Equipment as per Appendix -A are to be supplied along with the in properly stored Lockers with designated places and appropriate Quick-release Clippings, illumination, locking system		Inspection	Check as per technical datasheet/offer

Appendix –A

Sl. No.	Equipment for Rescue Operation	Qty.	Appendix/ Standard	Make / Model / Technical Parameters as per the offer	Methodology for testing in FAT	
					Parameter	Inspection Method
a.	Standard Branch Pipe with 20 mm Nozzle, 63 mm Male Instantaneous Inlet, Gunmetal Material	1 nos.	IS: 903	-	Qty./ documents	Check as per technical specs
b.	Nozzles for Standard Branch Sizes: a. 12 mm b. 20 mm	1 each	IS: 903	-	Qty./ documents	Check as per technical specs
c.	Nozzle Spanner, Material Steel	1 no.	IS: 903	-	Qty./ documents	Check as per technical specs
d.	Foam Making Branch, FB 10X type with Pick-up Tube	1 nos.	IS: 2097	FB – 10X	Qty./ documents	Check as per technical specs
e.	Portable LED Emergency Light with Accessories	1 no.	Appendix - B	PEL™ 9430C RALS Model	Qty./ documents	Check as per technical specs
f.	Chocks	1 pair	Appendix - C	AC 3515 RP	Qty./ documents	Check as per technical specs
g.	Suction adopter GM 125 mm female x 63 mm male with lugs	1 No.	IS/CE	-	Qty./ documents	Check as per technical specs
h.	Fireman Axe with belt & pouch	2 nos.	As per EN Std./equivalent	-	Qty./ documents	Check as per technical specs
i.	Zero-torque Nozzle with Hand-Control, 63 mm Male Instantaneous Inlet, Discharge 750 LPM @ 7 Bar Pr.	1 nos.	Appendix - D	AKRON 1725 ZT	Qty./ documents	Check as per technical specs
j.	Seat Belt/Harness Cutting Tool	2 nos.	-	Quick Cut Rescue Tool SKU: 4006 / 4008	Qty./ documents	Check as per technical specs
k.	Gloves, Fire Resistant with Anti-skid Palm	2 No.	As per EN Std./equivalent	CHIBA RESCUE II Item No.: 61104	Qty./ documents	Check as per technical specs
l.	Fog/Jet Nozzle with Hand-Control, 63 mm Male Instantaneous Inlet, Discharge 750 LPM @ 7 Bar Pr.	1 nos.	NFPA 1964/equivalent	Make : NEW AGE FIRE Protection Industries Pvt. Ltd. Model: AQUAJET-750	Qty./ documents	Check as per technical specs

अशोक कुमार / R. Ashok Kumar

महाप्रबंधक (तकनीकी) / General Manager (Tech.-II)

ए.ए.आई., ए.ए.आई., कार्यालय परिसर / AAJ, AAJ, New Office Complex

सफ़दरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

Sl. No.	Equipment for Rescue Operation	Qty.	Appendix/ Standard	Make / Model / Technical Parameters as per the offer	Methodology for testing in FAT	
					Parameter	Inspection Method
a.	Standard Branch Pipe with 20 mm Nozzle, 63 mm Male Instantaneous Inlet, Gunmetal Material	1 nos.	IS: 903	-	Qty./ documents	Check as per technical specs
b.	Nozzles for Standard Branch Sizes: a. 12 mm b. 20 mm	1 each	IS: 903	-	Qty./ documents	Check as per technical specs
c.	Nozzle Spanner, Material Steel	1 no.	IS: 903	-	Qty./ documents	Check as per technical specs
m.	Penetrating /Pinch ring Nozzle with 63 mm Male Instantaneous Inlet, Stainless Steel Material	1 No.	NFPA 1964/equivalent	Make: AAAG Model: Puncturing Nozzle	Qty./ documents	Check as per technical specs
n.	Quick Release knife with pouch to be worn with fireman's belt	2 Nos.	-	-	Qty./ documents	Check as per technical specs
o.	Hand Held Forcible Entry Tool Kit	1 No.	Appendix - E	PARATECH PRT Rescue Kit Part No. – 22-000625	Qty./ documents	Check as per technical specs
p.	Hand line Nozzle with selectable flow, pistol grip and shut-off with double stops	1 No.	As per NFPA 1964/equivalent	Model: SD-PFN 40 - Shield	Qty./ documents	Check as per technical specs
q.	Hydraulic vehicle jack and set of wheel changing tools, spare wheel and tyre, non-permanently mounted.	1 set	-	Black Hawk Model: BH 2200	Qty./ documents	Check as per technical specs

आर. अशोक कुमार / R. Ashok Kumar
 महाप्रबंधक (तकनीकी) / General Manager (Tech.-II)
 ए.ए.आई., ए.ए.आई., कार्यलय परिसर / AAI, AAI, New Office Complex
 सफदरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

PORTABLE LED EMERGENCY LIGHT WITH ACCESSORIES

S. No.	Specification	Make / Model / Technical Parameters as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method
1	GENERAL			
1.1	It shall be an all-weather lighting system for the purpose of use in inspection, maintenance or surveillance of an equipment or small area.	PEL™ 9430C RALS Model	Self-certification/ documents	Check as per Technical datasheet
2	DESIGN			
2.1	High flux LED light source providing clear white light		Self-certification	Check Quality Control Sheets, and Certificates as per technical datasheet
2.2	It shall have 360-degree swivel light head with a telescopic tower. Light head shall be detachable for mobility.		Self-certification/ documents	Check Quality Control Sheets, and Certificates as per technical datasheet
2.3	Battery status indicator shall be provided on the body and giving "LOW" battery warning with reserve time of at least 10 minutes.		Self-certification/ Documents	Check as per technical datasheet
2.4	It shall have a port for recharging laptop or other such portable devices		Inspection	Check as per technical datasheet
3	PERFORMANCE REQUIREMENT			
3.1	It shall have low and high brightness settings with capable of 8 hrs. of continuous operation on high brightness setting.		Endurance test	Check Quality Control Sheets, and Certificates as per technical datasheet
3.2	It shall have the following Lumens Values: a. High Brightness: 2000 b. Low Brightness: 1000		Performance test	Check Quality Control Sheets, and Certificates as per technical datasheet
4	CONSTRUCTION & MATERIAL			
4.1	It must be made of flame retardant material and shall have low operating temperature		-	Check as per technical datasheet
4.2	It shall also be shock resistant		-	Check as per technical datasheet
5	BATTERY TYPE			
5.1	12V Rechargeable Sealed Lead-acid type of reputed branded having life of 500 cycles.		Self-certification/ documents	Check as per technical datasheet
5.2	Battery charging time shall not be more than 8 hrs. on full discharge.		Performance test	Check as per technical datasheet
5.3	The unit shall be provided with 12V/24V vehicle charger.		-	Check as per technical datasheet
6	WEIGHT & DIMENSIONS			
6.1	Total weight shall not exceed 12 kgs. and		Self-	Check as per

आर. अशोक कुमार / R. Ashok Kumar
महप्रबंधक (तकनीकी) / General Manager (Tech.)-II
ए.ए.आई., ए.ए.आई., कार्यालय परिसर / AAI, New Office Complex
सफ़रजंग एयरपोर्ट, नई दिल्ली-03/Safarjung Airport, New Delhi-110003

S. No.	Specification	Make / Model / Technical Parameters as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method
	dimensions shall be as compact as possible		certification/ Documents	technical datasheet
7	OPERATION AND MAINTENANCE MANUAL			
7.1	The manufacturer should supply operation and maintenance manual with each set in English language		Documents	Check as per technical datasheet
8	PERFORMANCE CERTIFICATE			
8.1	The supplier/fabricator submitting the offer will have to provide the authorized certificate with performance certificate obtained from the manufacturer without which the offer shall not be considered		Documents	Check as per technical datasheet
9	WARRANTY			
9.1	The unit shall have CE or equivalent certification and 2 years' warranty from the date of supply.		Documents	Check as per technical datasheet

TECHNICAL SPECIFICATIONS FOR CHOCKS

Sl. No.	ITEM	DISCRIPTION	Make / Model / Technical Parameters as per the offer	Methodology for testing in FAT	
				Parameter	Inspection Method
1.	Size	15"	AC 3515 RP	Dimension	Check as per technical datasheet
2.	Material	Polyethylene/Polypropylene/Polyurethane		Self-certification/ Documents	Check as per technical datasheet
3.	Design & Construction	One-piece moulding, Non-slip, water & oil-resistant, Lightweight, floats on water, Having high friction factor		Self-certification/ Documents	Check as per technical datasheet
4.	Allowable Strength	100 kg/cm2 in all directions		Self-certification/ Documents	Check as per technical datasheet
5.	Certification	Conforming to International Standard.		Documents	Check as per technical datasheet

SPECIFICATION FOR ZERO TORQUE NOZZLES

Sl. No	Specifications	Make / Model / Technical Parameters as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method
1	GENERAL			
1.1	The standard lays down the requirement regarding materials, constructions, workmanship better ergonomics of equipment to reduce firefighting fatigue and better handling & control of firefighting.	AKRON 1725 ZT	Self-certification	Check as per technical datasheet
2	MATERIALS			
2.1	The material to be used in the construction shall be pyrolite and one-piece solid nozzle hard coated with multiple pattern detents and designed with better ergonomics to reduce the fatigue of fire fighter		Self-certification	Check as per technical datasheet
3	DIMENSIONS			
3.1	Swivel Inlet: 63 mm		Parameter	Check as per technical datasheet
3.2	Weight: Max. 4.30 kg		Parameter	Check as per technical datasheet
3.3	Length: Min. 310 mm		Parameter	Check as per technical datasheet
3.4	Type of coupling instantaneous		-	Check as per technical datasheet
4	OPERATING			
4.1	Quick shut off Valve		-	Check as per technical datasheet
4.2	Flush arrangement without shutting down		-	Check as per technical datasheet
4.3	Fog pattern with spinning teeth		-	Check as per technical datasheet
4.4	Handle grip with pistol type		-	Check as per technical datasheet
5	PERFORMANCE			

Sl. No	Specifications	Make / Model / Technical Parameters as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method
5.1	Discharge rate 200-450LPM or more		Self-certification/ documents	Check as per technical datasheet
5.2	Water supply: Controlled		-do-	-do-
5.3	Jet Reaction: very Low		-do-	-do-
5.4	Water Hammer: Very Low		-do-	-do-
5.5	Working Model: Jet & Spray		-do-	-do-
5.6	Grip: Free Position		-do-	-do-
5.7	Spray Pattern: minimum 120 Deg.		-do-	-do-
5.8	Discharge rate 200-450LPM		-do-	-do-
6	ATTACHMENT			
6.1	The equipment shall be attached with Zero Torque and quick attack foam tube.		Attachments	Check as per technical datasheet

TECHNICAL SPECIFICATIONS FOR HANDHELD FORCIBLE ENTRY TOOL KIT

Sl. No	Specifications	Make / Model / Technical Parameters as per the offer	Methodology for testing in FAT	
			Parameter	Inspection Method
1	GENERAL			
1.1	The equipment is to be use for the purpose of forcible entry, prying, enlarging openings, cutting sheets and twisting off lock and latches. The tool shall enable easy, fast and single person operation	PARATECH PRT Rescue Kit Part No. – 22-000625	Self-certification/ Documents	Check as per technical datasheet
2	DESIGN			
2.1	The complete equipment shall comprise of one compact ram bar and a tool bit set of various bits. The ram bar shall be able to connect the interchangeable bits for added versatility. The arm bar shall have a locking device that can lock the ram bar at any length for added leverage and safety for storage. The ram bar shall have an easy sliding action that can direct all its forces directly at the point of impact for maximum effect		-do-	-do-
3	MATERIAL & CONSTRUCTION			
3.1	Ram bar shall be made of hard-coated aluminums alloy tube body. The tube body and handle shall be machined grooved for non-slip grip. The ram bar shall have hard coated aluminum alloy tool bit retainer and a locking ring. The tool bits shall be made of forged & heat-treated steel alloy.		-do-	-do-
4	TOOL BIT SET			
	The tool bit shall be of the following types:			
	a. Bull point tool bit for breaking concrete and masonry walls, Length 14"		Self-certification/ Documents	Check as per technical datasheet
	b. Chisel of 25 mm width for breaking concrete, prying and breaking bolts and brick walls, Length 14"		-do-	-do-
	c. Chisel of 75 mm width for breaking concrete, prying and breaking bolts, breaking bricks and block walls, Length 14"		-do-	-do-
	d. Metal cutting claw for punching and cutting sheet metal and work like a manual can opener, Length 250 mm		-do-	-do-
	e. Lock breaker claw for prying or force open doors, windows, twisting hasps and breaking locks, length 250 mm		-do-	-do-
5	OPERATION AND MAINTENANCE MANUAL			
5.1	The manufacturer should supply operation and maintenance manual with each set in English language		Documents	Check as per technical

आर. अशोक कुमार / R. Ashok Kumar
 महाप्रबंधक (तकनीकी) / General Manager (Tech.)-II
 ए.ए.आई., ए.ए.आई., कार्यालय परिसर / AAI, New Office Complex
 सफ़दरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

				datasheet
6	PERFORMANCE CERTIFICATE			
6.1	The supplier/fabricator submitting the offer will have to provide the authorized certificate with performance certificate obtained from the manufacturer without which the offer shall not be considered.		Documents	Verification of documents
7	GUARANTEE/WARRANTY			
7.1	The supplier shall have to furnish a maintenance guarantee under taking for service, repairs, replacement, maintenance etc., in and against any defect in the materials used for 24 calendars months commencing from the date of acceptance and the manufacturer will replace or repair any part or parts free of costs.		Self-certification/ Documents	Verification of documents

PROFORMA FOR PERFORMANCE BANK GUARANTEE FOR PERFORMANCE OF CONTRACT

Bank Guarantee Bond

(To be stamped in accordance with stamp Act)

(The non-judicial stamp paper should be in the name of issuing bank)

- (i) In consideration of the Chairman, AAI (hereinafter called "AAI") having offered to accept the terms and conditions of the proposed agreement between and.....[hereinafter called the said Contractor(s)] for the work.....(herein after "the said agreement") having agreed to production of an irrevocable Bank Guarantee for Rs.....(Rupees.....only) as a security / guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement. We.....(indicate the name of the Bank) (hereinafter referred to as "the Bank") hereby undertake to pay to the Chairman, AAI an amount not exceeding Rs.....(Rupees.....only) on demand by AAI.
- (ii) We.....(Indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this Guarantee without any demure, merely on a demand from AAI stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.....(Rupees.....only).
- (iii) We, the said Bank, further undertake to pay to the Chairman, AAI any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under his bond shall be a valid discharge of our liability for payment there under and the contractor(s) shall have no claim against us for making such payment.
- (iv) We.....(Indicate the name of the bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of AAI under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in Charge on behalf of AAI certified that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor(s) and accordingly discharges this guarantee.
- (v) We.....(indicate the name of the bank) further agree with AAI that AAI shall have the fullest liberty without our consent and without effecting in any manner our obligations hereunder to vary any of terms and conditions of the said agreement or

to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by AAI against in the said contractor(s) and to forebear or enforce any of the terms and conditions relating to the said agreement and we shall not be relived from our liability by reason of any such variation, or extensions being granted to the said contractor(s) or for any forbearance, act of omission on the part of AAI or any indulgence by the AAI to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

- (vi) This guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s).
- (vii) We.....(Indicate the name of the bank) lastly undertake not to revoke this guarantee except with the previous consent of AAI in writing.
- (viii) This guarantee shall be valid upto.....*..... unless extended on demand by AAI. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs.....(Rupees.....only) and unless a claim in writing is lodged within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

In presence of:

Dated this _____ Day of _____

WITNESS

- 1 For and on behalf of (The Bank)
- 2 Signature _____
Name & Designation _____

Authorisation No. _____
Name & Place _____
Bank's Seal _____

The above Guarantee is accepted by Airports Authority of India. For and on behalf of Airports Authority of India.

Signature _____

Name _____

Designation _____

Dated _____

Format for Letter of undertaking from the Depositor to Bank

(To be submitted along with Performance Guarantee to Airports Authority of India)

(To be submitted in the Letter head of the firm)

The Branch Manager,

..... Bank,

.....

Sub: My /Our Bank Guarantee bearing No.....dated for amount..... issued in favour of Airports Authority of India A/c.....

Sir,

The subject Bank Guarantee is obtained from your branch for the purpose of PBG / EMD /Security Deposit (Supply, CAMC) on account of contract awarded/ to be awarded by M/s Airports Authority of India to me / us.

I hereby authorize the Airports Authority of India in whose favour the deposit is made to close the subject Bank Guarantee before maturity/ on maturity towards adjustment of dues without any reference/consent/notice from me/our side and the bank is fully discharged by making the payment to Airports Authority of India.

Name & Signature of the Depositor

Place:

Date:

RECEIPT FROM BANK

Signature with date and seal

आर. अशोक कुमार / R. Ashok Kumar
महानिदेशक (तकनीकी) / General Manager (Tech.)-II
ए.ए.आई., ए.ए.आई., कार्यालय परिसर / AAI, AAI, New Office Complex
सफ़दरजंग एयरपोर्ट, नई दिल्ली-110003/Safdarjung Airport, New Delhi-110003

SITE ACCEPTANCE TEST (SAT) CERTIFICATE /CERTIFICATE OF RECEIPT OF TRUCK MOUNTED EMERGENCY RESCUE STAIRS AT SITE

Sl. No.	Items as per packing List Duly Verified by FAT	Quantity	Quantity after Physical Verification

Note:

During physical verification of Truck Mounted Emergency Rescue Stairs, one member each from Technical Department and Fire Department shall be present along with Supplier's representative(s).

This is to certify that _____ Airport has received _____ No(s). of Truck Mounted

Emergency Rescue Stairs bearing chassis No(s) _____ on date _____

from M/s. _____ in good condition along with accessories (if any).

Signature: Supplier Representative(s): _____

Name:

Designation:

AAI: Representative of Technical Dept. Sign _____

Name:

Designation

AAI: Representative of Fire Dept. Sign _____

Name:

Designation:

आर. अशोक कुमार / R. Ashok Kumar
 महाप्रबंधक (तकनीकी) / General Manager (Tech.)-II
 ए.ए.आई., ए.ए.आई., कार्यालय-401, AAI, New Office Complex
 सफदरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

**CERTIFICATE FOR RECEIPT OF BANK GUARANTEE AGAINST CAMC AND DEPLOYMENT OF
MANPOWER AT SITE**

This is to certify that _____ Airport has received Bank Guarantee

towards CAMC of Truck Mounted Emergency Rescue Stairs from M/s _____

on date _____.

Also, the contractor has deployed one technician and one helper for the CAMC of Truck

Mounted Emergency Rescue w.e.f from date _____.

Signature (Supplier Representative(s): _____

Name:

Designation:

AAI: Engineer-In Charge _____

Name:

Designation

आर. अशोक कुमार / R. Ashok Kumar
महप्रबंधक (तकनीकी) / General Manager (Tech.)-II
ए.ए.आई., ए.ए.आई., कार्यलय परिसर / AAI, AAI, New Office Complex
सफ़दरजंग एयरपोर्ट, नई दिल्ली-110003 / Safdarjung Airport, New Delhi-110003

FORM OF SUPPLEMENTARY AGREEMENT

This Supplementary License Agreement is made at _____
 on _____ day of _____ (month), 2021/22 executing and
 supplementing the agreement no. _____ dated
 _____ Supply, Operation and CAMC of
 (hereinafter referred to as main agreement) by and between:

(1) Airports Authority of India (AAI), a body corporate constituted by the Central Government under the Airports Authority of India Act, 1994 and having its corporate office at Rajiv Gandhi Bhawan, Safdarjung Airport, New Delhi-110003 hereinafter called the 'Purchaser/Authority'/First Party (which term shall, unless excluded by or is repugnant to the context, be deemed to include its Chairman, or Member, Executive Directors, Airports Directors or Officers specified by competent authority in this behalf, and shall also include its successors and assigns) of the one part.

And

_____ hereinafter referred to as 'Supplier'/Other Party (which term shall unless excluded by or is repugnant to the context, be deemed to include its heirs, representatives, successors and assigns of the Supplier).

Authority and Supplier are individually referred to as 'Party' and collectively referred to as 'Parties'.

That WHEREAS the Supplier has substantially completed the supply of items described in and covered by the Main Agreement..... except the item mentioned in the schedule annexed to this Agreement; and whereas both the parties are desirous that the items mentioned in the schedule annexed to this agreement should be executed by the Supplier after the completion of supply of said equipment or after the completion of guarantee/ warranty period as covered by Main Agreement.

.....,

Whereas both parties have agreed to execute main agreement.

Now this deed is witnesseth as under:

- a. That the Supplier shall and will execute the work covered by the items mentioned in the schedule annexed to this agreement at the rates and as per the terms and conditions of the Main Agreement..... whenever called upon to do so by the Technical-In-Charge, within stipulated period from the date hereof.
- b. That the Supplier shall have absolutely no claim of whatsoever nature against Authority for doing the work mentioned in the schedule annexed to this Agreement as required under clause (a) above, except the Payment as stipulated in Clause _____ of Main Agreement.

आर. अशोक कुमार / R. Ashok Kumar

महाप्रबंधक (तकनीकी) / General Manager (Tech.)-II

ए.ए.आई., ए.ए.आई., कार्यालय परिसर / AAI, New Office Complex
 सफदरजंग एयरपोर्ट, नई दिल्ली-03/Safdarjung Airport, New Delhi-110003

- c. That the Supplier shall be liable to execute all other items arising out of the Main Agreement which in the opinion of the Technical-In-Charge are necessary.
- d. That the Supplier shall commence working on items mentioned in the schedule annexed to this Agreement within days from on the receipt of communication to the effect from the Technical-In-Charge or from any date fixed in the said communication and shall complete the work within the time fixed by the said Technical-In-Charge or as extended by him from time to time.
- e. That on the due execution and completion of this agreement by the parties, the bill of the Supplier in relation to the work already executed by Supplier under the Main Agreement shall be provisionally finalized by the Authority and payment on account, if any amount is due, shall be made to the Supplier subject to Authority right to retain such amount as is considered reasonable as a security for the execution of the work mentioned in the scheduled annexed to this agreement and Authority shall have the right to deal with the said amount of security as it deems proper under the terms and conditions of the Main Agreement.
- f. Further, on the execution and completion of this supplementary agreement, the Supplier shall be entitled to claim back security deposit as mentioned in Clause (d) above relating to the work in question, subject to the right of the Authority to retain such amount as he thinks reasonable as mentioned above soon after the CAMC period of month(s), as the case may be mentioned in Clause No. of the original agreement, is over.
- g. That the final bill relating to work under the Main agreement and Supplementary Agreement will be prepared separately after the completion of the work covered by both Agreements.

3. Except as modified by this agreement the Main Agreement shall remain in the full force and effect.

IN WITNESS WHEREOF THE ABOVE MENTIONED PARTIES HAVE PUT THEIR signature on this day the

(Signature of Supplier)

(Signature of accepting authority)
For and on behalf of Chairman,
Airports Authority of India

(Signature of Witness)
Name & Address
of witness _____

(Signature of Witness)
Name & Address
of witness _____

आर. अशोक कुमार / R. Ashok Kumar
महाप्रबंधक (तकनीकी) / General Manager (Tech.)-II
ए.ए.आई., ए.ए.आई., कार्यालय परिसर / AAI, AAI, New Office Complex
सफदरजंग एयरपोर्ट, नई दिल्ली-110003
Safdarjung Airport, New Delhi-110003

Signature Not Verified

Digitally signed by K R BHARNITHARAN
Date: 2021.03.22 13:44:53 IST
Location: eProcurement System for Central
PSUS