

TENDER DOCUMENT FOR THE SUPPLY
OF
AIRCRAFT NOSE GEAR TOWBAR
TRACTOR WITH MINIMUM AIRCRAFT
WEIGHT OF 400000 KG

TENDER DOC NO: AIATSL/CB-2/19-20

Table of Contents

1.1	TECHNICAL BID (COVER – I)	4
1.2	PRICE BID (COVER – II)	4
1.3	TENDER SUBMISSION:-	4
2.	DEFINITIONS	5
3.	TENDER TERMS AND CONDITIONS	5
3.1	SCOPE OF TENDER AND OBLIGATIONS:-	5
3.2	COMMERCIAL TERMS	7
3.4	MODE OF PAYMENT	8
3.5	SECURITY DEPOSIT(SD)/PERFORMANCE BANK GUARANTEE(PBG):	8
3.6	DELIVERY SCHEDULE	8
3.7	DELIVERY POINT/RECEIPT	9
3.8	PENALTY CLAUSE	9
3.9	COMMISSIONING REGION	9
3.10	WARRANTY	9
3.11	FIRM PRICE	10
3.12	EXIT/TERMINATION	10
3.13	ARBITRATION	10
3.14	JURISDICTION	10
4.	TECHNICAL TERMS	10
5.	AWARD DECISION FOR L1	11
6.	TENDERERS REPRESENTATIONS, COVENANTS & INDEMNITIES:-	11
7.	INSURANCE & OTHER OBLIGATIONS:-	12
8.	PRE QUALIFICATION CRITERIA	13
	ANNEXURE-I.....	16
	TECHNICAL SPECIFICATIONS - ANNEXURE A	17
	ANNEXURE II	21
	PRICE BID - ANNEXURE B.....	22
	PRICE BID	23
	ANNEXURE C	26
	LETTER OF AUTHORIZATION FOR ATTENDING BID OPENING.....	26
	CHECK LIST FOR SUBMITTING TENDER	27

SCHEDULE OF TENDER

TENDER NO	AIATSL/CB-2/19-20
SCOPE OF WORK	SUPPLY OF AIRCRAFT NOSE GEAR TOWBAR TRACTOR WITH MINIMUM AIRCRAFT WEIGHT 400000 KG , QTY 2
TENDER ISSUER	AIR INDIA AIR TRANSPORT SERVICES LIMITED
DATE OF ISSUE OF TENDER DOCUMENT	03 rd JULY, 2019
LAST DATE OF SUBMISSION OF BIDS	31 st JULY, 2019 ON OR BEFORE 1100 HOURS
DATE OF OPENING OF TECHNICAL BIDS	31 st JULY, 2019 AT 1130 HOURS
PLACE OF SUBMISSION & OPENING OF BIDS	AIR INDIA AIR TRANSPORT SERVICES LIMITED, 2 nd FLOOR, AIR INDIA BUILDING, IGI AIRPORT, TERMINAL II, NEW DELHI 110037
DATE OF PRICE BID OPENING	WILL BE COMMUNICATED TO SUCCESSFUL TECHNICAL BIDDERS

TENDER NOTICE

Air India Air Transport Services Ltd (AIATSL) providing Ground handling Services at most of the Indian Airports, invites Sealed / Closed Tenders from the manufacturers for the supply of **Aircraft Nose Gear Towbar Tractor, Quantity 2**, as per following Annexures

- Technical Specifications - Annexure – A
- Price Bid - Annexure – B

Reference: AIATSL/CB-2/19-20

Date: 03rd July 2019

1. Sealed tenders are to be submitted in a two-bid system (Technical Bid and Price Bid separately) as per the following details:

1.1 TECHNICAL BID (COVER – I)

To be super scribed with “**Technical Bid**” for the Tender Reference:

“AIATSL/CB-2/19-20 **due on: 31st July, 2019**” and must contain the following:

Tenderer’s response to tender Terms & Conditions, Pre Qualification Criteria, Annexure – A (Technical Specification compliance)

1.2 PRICE BID (COVER – II)

To be super scribed with “**Price Bid for Tender Reference: AIATSL/CB-2/19-20 due on: 31st July, 2019**” and must contain the following:

The rates along with the complete details of applicable taxes and any other charges as per Annexure– B

1.3 TENDER SUBMISSION:-

The two sealed envelopes i.e. one Technical Bid (Cover I) and one Price Bid (Cover II)) should be further put in a Master Envelope super scribed with

“**Tender Reference: “AIATSL/CB-2/19-20 for Aircraft Nose Gear Towbar Tractor, Quantity 2, due on 31st July, 2019”.**”

The above should be submitted at the following address **by 1100 hrs on or before 31st July, 2019.**

**AIR INDIA AIR TRANSPORT SERVICES LTD.
2nd FLOOR, AIR INDIA GSD COMPLEX,
IGI AIRPORT, TERMINAL II,
NEW DELHI 110037.**

2. DEFINITIONS

- a. In this contract, the following terms shall be interpreted as indicated. "Contract" means the agreement entered into between the Purchaser and the Contractor, as recorded in the contract form signed by the parties including all annexure thereto and appendices therein.
- b. "Goods" or "Items" shall mean all of the equipment including their accessories and / or other materials, which the Tenderer is required to supply to the Purchaser under the contract.
- c. "Purchaser" or "Buyer" or "Owner" means AIATSL, Air India Air Transport Services Limited.
- d. "Tenderer" or "Seller" or "Bidder" means the individual or firm or company, who are manufacturers and suppliers, on whom the order for work is placed and shall be deemed to include their approved successors, heirs, executors and administrators, holding company /Group /Group Companies, Conglomerate as the case may be.
- e. "AIATSL representative" means the authorized representatives of the Purchaser.
- f. "Manufacturer" means original equipment manufacturer (OEM). "Vendor" means contractor/supplier to the Bidder.

3. TENDER TERMS AND CONDITIONS

3.1 SCOPE OF TENDER AND OBLIGATIONS:-

(Confirmation on compliance on following points to be submitted with Technical Bid)

- a. The Tenderer should ensure that:-
 - i) The Tender document should be neatly typed and signed on numbered pages filed in binding folder.
 - ii) Corrections/over writing, if any, should be duly authenticated with full signature of the person who is signing the tender (**initials will not be accepted**).
 - iii) Attached documentary proof in binding folder should be indexed chronologically, labeled and countersigned.

Non compliance to any of the above shall be liable for tender rejection.

- b. Tenders received late, delivered at different address other than as specified in the tender/ or lost in transit will not be accepted irrespective of whether the delay has arisen on account of the delivery system, i.e. postal, courier etc.
- c. Tenders received through fax and / or email will not be considered.
- d. Tenders that are incomplete are liable to be rejected.
- e. On the date of opening of the tender, the "PRICE BIDS" would be kept in the custody of Air India Air Transport Services Ltd in sealed condition as received from tenderer. Authorized representatives of the bidder can attend the bid openings. Such authorized

representative must carry an authorization letter on the letterhead of the bidder in the format as given at Annexure C.

- f. The Price bids of only those tenderers, who qualify in the Technical Bid evaluation, would be opened at a later date which will be intimated to technically qualified bidders, in advance.
- g. In case any indication of price is included in the Technical bid, the Bid will be rejected without any reference to the tenderer. No correspondence will be entertained in this regard.
- h. Validity of Quotes: The Price quoted should remain valid for acceptance for a minimum period of 120 days from the date of opening of the tender.
- i. Air India Air Transport Services Limited, reserves the right to accept / reject any / all offers without assigning any reasons.
- j. The successful tenderer shall supply and deliver equipment/item to Air India Air Transport Services Limited as per Delivery Point / Commissioning Region in the terms of the tender
- k. Air India Air Transport Services Limited has the right to reduce / increase the quantity of equipment/item without any increase in unit price. During the course of tender and warranty / extended warranty period, based on the future requirement the unit location may be subject to change.
- l. The successful tenderer shall at its own cost and expense, supply the Equipment and perform the Work:
 - 1) in accordance with the Specifications;
 - 2) in accordance with the Delivery Schedule;
 - 3) in accordance with the best industry practice, diligently, efficiently, in a timely manner with reasonable care and skill to be expected of a reputable supplier experienced in the type of work to be carried out under the tender.
- m. The successful tenderer shall provide AIATSL with a List of Spare Parts/Components required for monthly, half-yearly and yearly preventive maintenance and recommend spare parts/components price list as well as its local agents in India which may be required for extended warranty period and further.
- n. In the event of default, AIATSL reserves the right to cancel the order and can claim damages from successful tenderer and also reserve the right to award the contract to another party at the cost and risk of the successful tenderer.
- o. Intention to Quote:
You are requested to confirm your intention to quote / regret preferably by email.
- p. Any modification/alteration of the original Tender by the Bidder shall lead to disqualification.

- q. In case any indication of price is included in the Technical bid, the quotation will be summarily rejected without any reference to the tenderer. No correspondence will be entertained in this regard.

3.2 COMMERCIAL TERMS

Earnest Money Deposit (EMD):

(Noncompliance on EMD terms will lead to disqualification)

- 3.2.1 An Earnest Money Deposit of US \$ 15,000 (USD Fifteen Thousand only) or INR 10,00,000/- (Rs Ten Lakh only) must be submitted by means of Bank Draft or Banker's Cheque in favour of AIR INDIA AIR TRANSPORT SERVICES LIMITED, payable at MUMBAI, and should be submitted along with the Technical Bid(Cover I).
- 3.2.2 EMD will not carry any interest.
- 3.2.3 EMD furnished by the unsuccessful bidders will be returned to them free of interest within 45 days of issue of the Purchase Order / conclusion of the contract. EMD of the successful bidder will be refunded without any interest whatsoever, after receipt of Security Deposit or Bank Guarantee in lieu thereof from the bidder.
- 3.2.4 MSME units are exempted from submission of EMD. However, this exemption is applicable only if the MSME unit is registered for the goods/services tendered for.
- 3.2.5 EMD of a bidder will be forfeited if the bidder withdraws or amends its bid after the due date, impairs or derogates from the tender in any respect, or declines to accept or honour the Purchase Order / contract if awarded in his favour within the Bid validity period. If the successful bidder fails to furnish Security Deposit or Bank Guarantee within the specified period, its EMD is liable to be forfeited.

3.3 PAYMENT TERMS

(Non acceptance by the Bidder on Payment terms will lead to disqualification):-

90% payment within 30 days of submission of invoice or receipt of goods, whichever is later and balance 10% after commissioning of the equipment. (Commissioning to be carried out within 15 days from the date of receipt of equipment/items at the Commissioning Regions).

3.4 MODE OF PAYMENT

Payment will be made through ECS mode. Kindly provide the following information:

i)	Name of the firm Address Telephone	
ii)	E-mail Address	
iii)	Name of the Contact Person Telephone/Mobile No.	
iv)	Bank Mandate(with full Address) <ul style="list-style-type: none"> • Account Name • Name of the Bank • Branch Name • Account Number • Bank Code/MICR No. • Swift Code No. 	

3.5 SECURITY DEPOSIT (SD)/PERFORMANCE BANK GUARANTEE (PBG): Non Compliance on SD/PBG terms, as below will lead to disqualification:

The bidder who qualifies for award of PO will have to deposit with AIATSL 5% of the total value of Purchase Order towards interest free Security Deposit, within 2 weeks of the receipt of the Purchase Order. Applicable Security Deposit / Performance Bank Guarantee will be in the form of Bank Guarantee/Demand Draft or Bankers Cheque in favour of 'AIR INDIA AIR TRANSPORT SERVICES LIMITED', payable at MUMBAI.

In case of submission of Security Deposit/Performance Guarantee by means of Bank Guarantee/Demand Draft or Bankers Cheque, it may be noted that the original BG has to be forwarded by the Bank directly to Air India Air Transport Services Ltd through registered AD. The expense incurred towards submission of Security Deposit/Performance Bank Guarantee will have to be borne by the successful bidder.

Validity of SD/PBG would be till the warranty period of 2 (two) years and the extended warranty period of 3(three) years plus 1(one) month (total 5yrs+1 month) and will be returned after the completion of all obligations under the Purchase Order/ Contract without interest.

3.6 DELIVERY SCHEDULE

(Noncompliance on Delivery Schedule will lead to disqualification):-
2 units within 20 weeks at Mumbai Port from the date of receipt of PO.

3.7 DELIVERY POINT/RECEIPT

(Noncompliance on Delivery Point/Receipt terms will lead to disqualification):-

For Foreign Bidders

Delivery of item should be at CIF (Cost Insurance Freight) Mumbai Port.

Quoted rate should be for CIF, Mumbai Port only.

FOB or ex works rates, High Sea Sales will not be considered.

For Indian Bidders

Delivery of item should be at site of Commissioning Region as mentioned in clause 3.9

3.8 PENALTY CLAUSE

(Noncompliance on Penalty Clause terms will lead to disqualification):-

For the delayed deliveries a penalty of 0.5% per week or part thereof of the value of the undelivered portion of the goods on ex works price, subject to a maximum of 10% of the value of the undelivered part on ex works price, will be recovered from security deposit or from amount due to Tenderer after due notification to Tenderer.

AIATSL further reserves the right to cancel the Purchase Order on the event of delayed deliveries, and to issue a fresh order to any other source. AIATSL will not be liable for any cost, obligations and claims incurred by the tenderer due to the cancellation.

3.9 COMMISSIONING REGION

Region wise distribution of **Aircraft Nose Gear Towbar Tractor.**

Southern Region Qty 1 (Kannur-1)

Northern Region Qty 1(Srinagar-1)

3.10 WARRANTY

(Noncompliance on these terms will lead to disqualification):-

Warranty of Two years from the date of commissioning against all materials/workmanship defects for the unit as well as for the bought out items.

For any warranty/ Extended warranty, if any, related issue, the Tenderer should respond within 48 Hours. Any un-serviceable equipment beyond 20 days, in a year due to Bidders late response shall attract a penalty of 0.5% per week of submitted SD/PBG. Depleted amount with regard to SD/PBG need to be topped up with in fifteen days by the tenderer. Further the warranty period shall get extended proportionately to the number of days the unit is unserviceable

Bidder should confirm acceptance of Extended Warranty for three years after completion of two years warranty terms. The rates for Extended Warranty should be given in the Financial Bid format.

Warranty should include free servicing and FOC supply of consumable spares including oils, grease, filters and coolants and all other spares at AIATSL premises where the equipment is positioned.

Extended Warranty should include periodic and break down maintenance including trained manpower with logistics for next three years after successful completion of two years warranty period at AIATSL premises where the equipment will be positioned. However, spares and consumables have to be arranged by the Tenderer and invoice may be raised on AIATSL as per Company's price list.

Daily inspection, as per the schedule provided by the Bidder, will be carried out by AIATSL. Bidder should ensure that above inspections can be performed even by an operator or a driver.

3.11 FIRM PRICE

Price should remain firm till the fulfilment of Purchase Order (PO) liabilities.

3.12 EXIT/TERMINATION

The Purchase Order (PO) may be terminated under the following circumstances:

In the case of unsatisfactory performance for breach of any of the Tender term, AIATSL would issue a notice of 30 days to the Tenderer to rectify the breach and improve the performance failing which AIATSL shall be at liberty to terminate this PO by providing 30 days written notice to the Tenderer.

The Bidder shall also be at liberty to terminate this PO by providing to AIATSL a 90 days written notice.

3.13 ARBITRATION

Any dispute arising between the parties of the construction, interpretation, application, meaning, operation or effect of this document or the validity or breach thereof, shall first be settled by mutual consultation, if dispute remains unresolved after period of 30 days from the date the mutual consultation has started, the matter shall be referred for settlement to 'SCOPE FORUM OF CONCILIATION AND ARBITRATION', Govt. Of India, and the award in pursuance thereof shall be binding on the parties.

3.14 JURISDICTION

Any dispute whatsoever shall be subject to the jurisdiction of the courts of Delhi.

4. TECHNICAL TERMS

(Confirmation on compliance on following points to be submitted with Technical Bid)

4.1 Quality Assurance Certificate

Every supply should be accompanied with a Quality Assurance Certificate (QAC) indicating that the goods so supplied are in conformity with the specifications given in the Purchase Order.

4.2 Pre Delivery inspection

(Confirmation on compliance on Pre Delivery Inspection to be submitted with Technical Bid)

Pre delivery Inspection of equipment/item will be carried out by AIATSL representatives at manufacturer's premises. Local facilities for inspection and testing of

equipment are to be arranged by manufacturer.

For inspection on site, the transportation and hotel for the AIATSL representatives is to be arranged by the manufacturer from the nearest Airport.

4.3 Tags

Successful bidder/s should affix non removable tags bearing tag/serial numbers.

4.4 In House Inspection

AIATSL reserves the right to inspect equipment/item at any stage before accepting. In case, any deviation in quality is found at the time of supply, then the same will be rejected and should be replaced free of cost.

Non adherence of this clause may lead to cancellation of P.O and AIATSL reserves the right to withhold the invoice for that shipment.

4.5 Acceptance/Receipt at earmarked destination

In case any deviation in Technical Specifications/PDI report is found at the time of receipt, then the deviation should be rectified free of cost.

4.6 Commissioning and Training

During commissioning of units the bidder shall impart operational training and basic maintenance training at the stations.

Train the trainer programme should also be conducted by the bidder in Metro stations along with training material.

5. AWARD DECISION FOR L1

The Bidder whose net price (on common platform such as landed cost) works out to be the lowest will be determined as L1 for that item/s and order will be placed on lowest quote basis.

Foreign Bidders: CIF Value at Mumbai Port, Maharashtra + Customs Duty (will be determined as per Indian Customs Regulations) + Clearing Agent charges.

Indian Bidders: Ex-Factory Price+ GST+ other taxes/levies (as per Mumbai Port)+ insurance upto Mumbai Port + other charges + Transportation Charges up Mumbai Port, specifying distance from the factory of Bidder (Transportation charges will be a notional figure which will be used only for the purpose of L1 calculation).

However payable transportation charges shall be calculated on the basis of actual distance from factory to delivery point of AIATSL station on pro rata basis of quoted rates of transportation from factory to **Mumbai Port**. Insurance charges will be reimbursed on actual.

6. TENDERERS REPRESENTATIONS, COVENANTS & INDEMNITIES:-

The tenderer has examined the scope of the Specifications and all other documents, information and requirement of AIATSL, and has satisfied itself as to the adequacy thereof for the performance of this Tender. It is the duty of the tenderer to draw to the attention of AIATSL any errors, discrepancies or inaccuracies in the Specifications or

such other documents which an experienced supplier of the Equipment should reasonably have discovered.

7. INSURANCE & OTHER OBLIGATIONS:-

Equipment (Including Insurance & Other Obligations) is the sole responsibility of the successful tenderer until successfully accepted by AIATSL.

8. PRE QUALIFICATION CRITERIA (PQC)

Sr.No	Description	Indicate Compliance along with information
1	<p>a) The tenderer must be in the Wide Body Aircraft Nose Gear Towbar Tractor manufacturing and supplying business for at least last five years i.e. on or before 1st July 2014. Supporting document in form of either Purchase Order or Commissioning report or Invoice on or before 1st July 2014 is to be submitted.</p> <p>b) Documentary proof of supply of Wide Body Aircraft Nose Gear Towbar Tractor of same Model/Capacity in form of Purchase Order and respective Invoice along with Commissioning Report raised is to be submitted from minimum three different companies (Airline or Ground Handling Agency), out of which at least two should be supplied in India.</p> <p>c) Certificate of Satisfactory performance from each company for which documentary proof is given as in para 1(b) above.</p>	<p>PO/Commissioning report/Invoice. 1.</p> <p>Purchase Order -3 Commissioning Report-3 Invoice-3.</p> <p>Certificates of Satisfactory performance 1. 2. 3.</p>
2	<p>Tenderer should be a registered company/firm in existence for at least five years. OR Consortium not exceeding three partners. Each partner of the consortium shall be registered Company/firm in existence for at least past five years. Certificate of Company registration to be provided. Consortium Agreement and along with company registration certificate of partner companies to be provided.</p>	<p>Registration No(s) and year of registration.</p> <p>Consortium Agreement date</p>
3	<p>Minimum Average Annual turnover for the FY 2016-17, FY 2017-18, FY 2018-19 Or 2017, 2018 and 2019 (as applicable) should be minimum Rs 50 Crore / equivalent USD.</p> <p>Copies of Certified Financial Statement for above mentioned period to be submitted. Pro forma statement is not acceptable.</p>	<p>Turnover- year wise(Currency to be reflected) 1. 2. 3. Financial Statement to be attached 1. 2. 3.</p>
4	<p>As on date of submission of the tender, the tenderer or its parent company or subsidiary, or a group company should not have been black listed / debarred by Air India / AIATSL or any of the State or Central Government of India or Organization of State or Central Government of</p>	

	India. Under taking by the tenderer to be submitted as per Annex I	
5	PAN No. /GST / Service Tax Regn. No.(As applicable)	1.PAN 2.GST 3. Service Tax Reg. No 4.Corrospoding details applicable for Foreign Bidders
6	Certified acknowledgement copy of Income Tax returns for three Financial Years, FY 2016-17, FY 2017-18, FY 2018-19 or 2017, 2018 and 2019, (as applicable), duly certified to be submitted. Foreign companies must give relevant tax certificates/tax exemption certificate.	Year wise Income Tax payment/returns details. 1. 2. 3. 4. As applicable for Foreign Bidders
7	EMD to be submitted along with Technical Bid.	EMD Draft no., Date and Bank
8	For warranty / extended warranty repair, the job should be undertaken by the manufacturer, in case the repair job is to be carried out by the authorized, dealers / representatives, they should have Bureau of Civil Aviation Security (BCAS) clearance. Authorized dealers/ representatives BCAS clearance should be submitted.	BCAS clearance details:

- Documents/Certificates in any other languages than English should be submitted along with English translated version duly authenticated.
- Remarks for complying PQC should be as **“Comply” or “Non Comply” only** with details of information asked. Non compliance of any of the above clause or remarks like noted, agreed, ok, etc are liable for disqualification in PQC.
- Supporting documents/certificate related to PQC should be labeled, countersigned and attached with PQC.

9. **CLARIFICATIONS:-**

Amendments and clarifications, if any, to this tender will be hosted on the website of AIR INDIA and AIATSL. AIATSL will not intimate the tenderers individually of the same. The tenderers are, therefore, advised to visit the AIR INDIA & AIATSL website regularly till the date of closing of the tender. The last amendment, if any, will be hosted a minimum of seven days before the closing date of the tender.

For tender clarifications please contact

1. Mr Shankar Mahto on email:

Shanker.Mahto@airindia.in

Contact No: 011 2560 3332

2. Mr. Anish Chaudhari on email:

Anish.Chaudhari@airindia.in

Contact No: 011 2560 3311

10. **POINT OF CONTACT:-**

Single point contact to be provided by the bidder along with email ID and telephone number of the contact person for clarification

ANNEXURE-I

DECLARATION

(To be given on Company's Letter Head)

Date.....

To
AIATSL,
Capital Budget & Projects,
Air India Air Transport Services Limited,
Air India Complex,
IGI Airport, Terminal II,
New Delhi 110037.

Dear Sir,

Ref: Tender No. AIATSL/CB-2/19-20

I/We,..... hereby confirm that our Firm/Company /Group/Group Company has not been black listed / debarred by Air India / AIATSL or any of the State or Central Government of India or Organization of State or Central Government of India.

Place:

Signature of Tenderer.....

Name.....

Designation.....

Seal/Stamp

TECHNICAL SPECIFICATIONS - ANNEXURE A

FUNCTIONAL SPECIFICATIONS FOR AN AIRCRAFT NOSE GEAR TOWBAR TRACTOR FOR AN AIRCRAFT WEIGHT OF MINIMUM 400 TONS

PURPOSE: The purpose of this specification is to specify the basic requirement for a tractor capable of pushing and/or towing commercial type aircraft in conjunction with a tow-bar.

S No	Functional Specification	To be filled up by the Tenderer
1.	(a)Basic Information (Provide Brochure)	
	(b) Contact Person Details, e mail & phone number	
	(c)Model Offered	
	(d)Dimension	
	(e)Turning Radius	
	(f)Weight(in Kgs)	
	(g)Drawbar Pull(in kN)	
2.	GENERAL	Indicate Compliance along with information
2.1	Air India Air Transport Services Limited reserves the right to inspect the equipment and reject it, if found defective in workmanship or otherwise, for use and purpose intended or not in compliance with the specifications.	
2.2	These specifications are guidelines. Minute features of the equipment are not included in the scope of the specification. These will be finalized mutually between Air India Air Transport Services Limited and supplier at drawing stage & during the development by the seller. Any deviation in the specification shall be permitted after consent of Air India Air Transport Services Limited.	
2.3	These requirements are to be read in conjunction with the following codes/standards of IATA. The manufacturer of the equipment shall be responsible for its design and structural standards by meeting the standards of IATA (AHM 905-910-913-914-915-916-955) of 39 th edition, as applicable.	
2.4	The Tractor to perform Pushback/Towing Operation of Aircraft weight of minimum 400000 kgs.	
2.5	The weight of the Pushback Tractor should be minimum 45 Ton	
3	GENERAL REQUIREMENTS	
3.1	MOBILITY	
3.1.1	The unit shall be capable of a travelling speed of 25 kmph without payload and a fully loaded (towing) speed of 12 kmph.	Specify
3.1.2	A non-jerking push / pull operation is necessary when aircraft is connected.	

4	ENGINE:	
4.1	Deutz Diesel Engine (Complying with emission norms minimum EURO 3 / Bharat Stage III/ standards are must. Vendor to submit engine performance parameters and performance curves showing the engine meets the HP and Torque requirements in conjunction for towing / pushback operation of Aircraft with the specification as mentioned in Sr No 2.4	
4.2	i) Arrangement to be made with Engine Dealers / representatives for providing free servicing during warranty period at AIATSL premises.(24 months after commissioning) .	
4.3	Engine safety: Following safeties to be provided.	
4.3 1	i) Low oil pressure – Engine to cut off with warning	
4.3 2	ii)High engine temperature – Engine to cut off with warning	
5.	Only Single operating closed cabin station to be provided	
6.	Close cabin should be suspended type and elevating to have adequate field to view with seating for the driver and one additional person.	
7.	The tractor should be LEFT HAND DRIVE	
8.	Mirror shall be installed to provide the driver with good rearward vision as well as a view of both the forward and aft tow hitches.	
9.	Controls and warning lights shall be grouped and located so as to be convenient to the operator:	
10.	STEERING SYSTEM on tractor should comply following: Hydraulic powered steering system with Four wheel steering mode.	
11.	BRAKING SYSTEM OF TRACTOR SHOULD COMPLY FOLLOWING	
11.1	Braking system should comply with AHM 955-Point No. 7 as follows:	
11.1.1	The tractor shall be equipped with a fail-safe braking system operating on all four wheels	
11.1.2	The parking brake shall engage on at least two wheels and shall hold a fully ballasted tractor in NEUTRAL shift at standstill on a maximum slope for ramp areas as published in ICAO Annex 14 Aerodromes Volume 1-Aerodrome Design and Operations.	
11.1.3	Parking brake emergency release shall be provided at easy to operate position.	
11.1.4	An Indicator light shall be provided to advise the operator that the parking brake is applied.	
11.1.5	A warning device shall indicate a malfunction of the service brakes.	
11.1.6	Parking brake interlock system to prevent tractor movement with brakes applied should be provided.	
12.	ELECTRICAL SYSTEM OF THE TRACTOR SHOULD COMPLY FOLLOWING:	
12.1	Electrical system voltage should be 24 volts DC.	
12.2	Electrical system & components shall comply with AHM 910 point 11 of 39 th Edition.	

12.3	Electrical wiring should be properly numbered or colour coded.	
12.4	Control Panel should be back-lit with clear visibility at night.	
12.5	Anti-collision Amber light – flashing type qty. 02 should be provided(60-80 flashes/min)	
12.6	All switches and controls should be weather resistant.	
12.7	Starter interlock relay to be provided.	
13	TRANSMISSION of the tractor should comply following:	
13.1	Full power shift transmission	
13.2	Following Transmission protection system should be provided. For engine/transmission to cut off in case of: High transmission oil temperature Low transmission oil pressure	
13.3	A suitable interlock mechanism to prevent shifting of transmission lever, directly from forward to reverse and vice versa	
14	EMERGENCY OPERATIONS: Tractors should be provided with following emergency operations for convenient and simple operation:	
14.1	Emergency parking brake release system	
14.2	Emergency steering system.	
14.3	Emergency freewheeling arrangement for towing of the tractor.	
14.4	Emergency engine stop button (Red mushroom type) shall be provided and installed at a convenient position on the unit to allow for immediate shut down in the event of emergency.	
14.5	Cushioned tow hitches should be provided on both ends of tractor, confirming to AHM 916. The Pin diameter should be 76 mm and to be provided with chain.	
15	OTHER FEATURES	
15.1	Water drain valve on fuel tank and water separator device should be provided in fuel system.	
15.2	One spare wheel should be provided with each unit.	
15.3	Aircraft wheel chocks storing facility should be provided.	
15.4	Foldable or integral steps for climbing on top of tractor should be provided.	
15.5	The lowest point of the structure shall not be less than 200 mm above the ground, as per AHM 955.	
15.6	Chassis should be provided with Single point lubricating system through an automatic lubricating system that inject lubricant to the points requiring regular lubrication.	
15.7	Components like Engine, Starter, Batteries, fuel tanks & Hydraulic tanks should be conveniently accessible for maintenance purpose.	
15.8	Painting as per AIATSL (RAL 3020) colour scheme in polyurethane paint.	
15.9	Two units 2 Kg ABC Type fire extinguisher per unit.	
15.10	Tandem towbar should be provided to meet towing requirement of disabled tractor.	

15.11	Suitable lifting point to be provided to facilitate loading and unloading of the Equipment as per AHM 910 Sec – 9.2	
15.12	Maintenance , Operation Manual and Parts catalogue for the component should be provided with each unit including vendor items	
15.13	On board self-diagnostic system for easy fault detection.	

ANNEXURE II

(To be given on Company's Letter Head)

SUPPLY OF SPARES FOR NEXT TEN YEARS

Date.....

To
Capital Budget & Projects,
Air India Air Transport Services Limited,
Air India Complex,
IGI Airport, Terminal II,
New Delhi 110037.

Sir
Ref: Tender No AIATSL/CB-2/19-20

I/We hereby confirm that spares part for the quoted Equipment will be supplied for next ten years (from the date of commissioning) - both vendor items and fabricated parts.

Signature.....

Name.....

Designation.....

Seal/Stamp

PRICE BID - ANNEXURE B

BID FORM

To,
Air India Air Transport Services Limited,
IGI Airport, Terminal II,
New Delhi 110037

Sir,
Ref: Tender No. AIATSL/CB-2/19-20

Having examined the bidding documents, I/we undersigned, offer to supply and deliver (description of goods and services) in conformity with the said bidding documents as per the prices given in the price bid. We undertake, if our bid is accepted, to commence and complete delivery of all the items in specified delivery period as mentioned in the Tender from the date of receipt of Purchase Order.

I/We agree to abide by this bid for a period of 120 days from the date fixed from bid opening in instructions to bidders and it shall remain binding upon us and may be accepted at any time before the expiration of that period. Until a formal purchase order is prepared and executed, this bid, together with your written acceptance thereof, shall constitute a binding contract between us.

Dated _____ day of _____ 2019

Signature of the Bidder

PRICE BID

To,
Air India Air Transport Services Limited,
IGI Airport, Terminal II,
New Delhi 110037

For Foreign Bidders

I	Item Description	
II	Country of Origin	
III	Quantity	
IV	Unit price(Ex Factory)	
V	Total price (III X IV)	
VI	Handling, Packaging, insurance, freight & other charges	
VII	CIF-Total (V + VI)	
	In words	
VIII	Custom Duty (As per Indian Customs Regulations) -will be notionally added by AIATSL	
IX	Local port clearance charges – will be notionally added by AIATSL	
X	All inclusive Total price (VII+VIII+IX) (will be filled by AIATSL)	
XI	Total in words (will be filled by AIATSL)	

Note:

- Rate quoted by foreign tenderers for above items should be in US Dollars only.
- Rates should include all taxes payable to authorities.
- In case of discrepancy between unit price and total price, the unit price shall prevail
- In case of discrepancy between figures and words, the price in words shall prevail.
- Award decision for L1: CIF at Mumbai Port, Maharashtra (Including handling, packaging, freight and any other charges) + Custom Duty + Clearing Agent Charges.
- Taxes such as CD, CVD and other levies shall be applied as per applicable rates.

All rates quoted in US Dollar will be converted to Indian Rupee as per AI Booking Rate for June 2019 which is presently 1 USD = INR 69.64803

Date:
Place:

Signature of the Bidder
Name:
Designation:
Seal:

PRICE BID

To,
GM GH,
Air India Air Transport Services Limited,
IGI Airport, Terminal II,
New Delhi 110037

For Indian Bidders

I	Item Description	
II	State of Origin	
III	Quantity	
IV	Unit Price, Ex-Factory	
V	GST @...	
VI	Total (IV+V)xIII	
VII	Inland Transportation & other local costs for all equipment incidental to delivery at Mumbai Port Rate @ Rs.... Per km	
VIII	Any other incidental charges(specify)	
IX	Insurance for equipment upto Mumbai Port	
X	Sales and other taxes /levies payable upto Mumbai Port	
XI	All Inclusive Price (VI+VII +VIII+IX+X)	
	Total Price (In words)	

Note:

- Rate quoted by local (Indian Bidders) should be INR only.
- Rates should include all taxes payable to authorities.
- In case of discrepancy between unit price and total price, the unit price shall prevail.
- In case of discrepancy between figures and words, the price in words shall prevail.
- Award decision for L1: Ex Factory Price + GST+ other levies (upto Mumbai Port) +insurance (up to Mumbai Port) + Transportation Charges up to Mumbai Port, specifying distance from the factory of Bidder (Transportation charges will be a notional figure which will be used only for the purpose of L1 calculation).
- Actual transportation charges shall be calculated on the basis of actual distance from factory to delivery point of AIATSL station on pro rata basis of quoted rates of transportation mentioned in above Sr. VII(@Rs..... per KM).
- Taxes such as GST and other levies/ Insurance charges shall be payable as per actual at applicable rates.

Date:

Place:

Signature of the Bidder

Name:

Designation:

Seal:

Rates for Extended Warranty for Aircraft Nose Gear Towbar Tractor (Foreign and Indian Bidders)

Sr. No	RATES FOR EXTENDED WARRANTY	Per Aircraft Nose Gear Towbar Tractor 45 Ton USD or INR
i.	FOR 1 st YEAR (EXCLUDING WARRANTY PERIOD OF TWO YEARS)	
ii.	FOR 2 nd YEAR (EXCLUDING WARRANTY PERIOD OF TWO YEARS)	
iii.	FOR 3 rd YEAR (EXCLUDING WARRANTY PERIOD OF TWO YEARS)	
iv.	TOTAL:(i + ii +iii)	
	IN WORDS:	

Date:

Place:

Signature of the Bidder

Name:

Designation:

Seal:

ANNEXURE C
LETTER OF AUTHORIZATION FOR ATTENDING BID OPENING

To
Air India Air Transport Services Limited,
New Delhi,

Subject: Authorisation for attending bid opening

Tender No. _____ Closing Date: _____

Opening Date _____ Opening Time _____

The following person(s) are hereby authorised to attend the bid opening for the tender mentioned above on our behalf.

Sr. No	Name	E-Mail ID	Contact No.	Signature
I				
II				

Authorised Signatory

Note:

1. Permission for entry to the hall where bids are opened, may be refused in case authorization as prescribed above is not received.
2. The authorized representatives, in their own interest, must reach the venue of bid opening well in time.
3. The authorized representatives must carry a valid photo identity.

(To be given on Company's Letter Head)

CHECK LIST FOR SUBMITTING TENDER

Sr.No	Description	✓
1.	Tender filled as per tender terms and condition	
2.	Bidder Information	
3.	Compliance on EMD Clause	
4.	Compliance on Security Deposit(SD) Clause	
5.	Compliance on Positioning Schedule Clause	
6.	Compliance on Delivery Point/ Receipt Clause	
7.	Compliance on Payment Term Clause	
8.	Compliance on Penalty, Clause	
9.	Compliance on Technical Terms, Clause	
10.	Compliance on Award for Decision for L1 Clause	
11.	EMD attached in Technical Bid	
12.	Pre-Qualification Criteria	
	Documentary proof as PQC 8.1(a), 8.1(b),8.1(c)	
	Certificate of Company registration/ Certificate of Incorporation	
	Copies of Certified Financial Statement	
	Annexure I	
	Annexure II	
	Income Tax returns	
13.	Technical Specification- Annexure A	
14.	Price Bid –Annexure B	
15.	Annexure C-Letter of Authorization for attending the Bid opening	