MINISTRY OF DEFENCE THROUGH THE PROJECT DIRECTOR OF ITS GREEN – AI PROJECT MANAGEMENT UNIT ("PROCURING AGENCY")

REQUEST FOR PROPOSAL

NASTP-GREENAI-TMT/RFP03/2026

FOR

PROCUREMENT OF TRACTOR MOUNTED TROLLEY

AS A COMPONENT OF PSDP APPROVED PROJECT TITLED "DEVELOPMENT OF ICT AND ARTIFICIAL INTELLIGENCE (AI) BASED PRECISION AGRICULTURE SYSTEMS UTILIZING DUAL-USE AEROSPACE TECHNOLOGIES - GREEN-AI"

Issue Date: 10 March, 2026

1. The procuring agency invites sealed bids from Firms and companies registered with Income Tax and Sales Tax Department for Procurement of Tractor Mounted Trolley.

2. A complete set of bidding documents, containing detailed terms and conditions are available for the interested bidders at Project GreenAI NASTP, Alpha-19, Old Airport Road, Rawalpindi. Bidding documents may also be downloaded from PPRA's website. Bids prepared in accordance with instructions in the bidding document must reach at following address on or before **25 March, 2026** at **11:00 am**. Bids will be opened on same day **25 March, 2026** at **11:30 am** in presence of bidders or their authorized representatives. The advertisement along with bidding document is also available on PPRA web address www.ppra.org.pk

Project Director
GreenAI, NASTP
Alpha-19, Old Airport Road, Rawalpindi
Email: sm_scm@greenai.gov.pk

Date:- 6 Mar, 2026

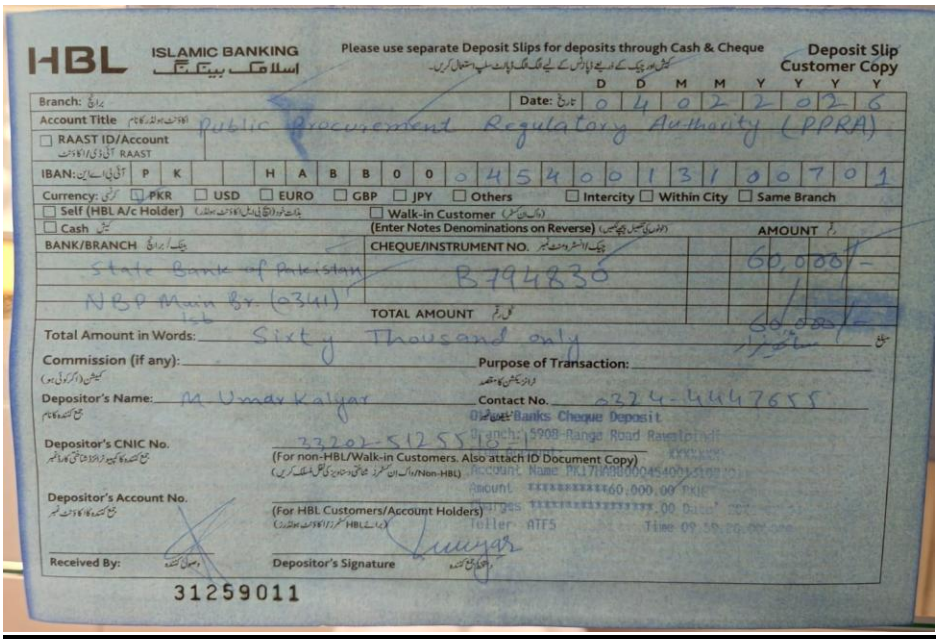
PLEASE READ CAREFULLY

- Participating bidders are required to submit bids according to instructions mentioned in bidding documents. These bids should meet the requirements/criteria illustrated in bidding documents along with fulfillment of other terms and conditions of tenders.

- According to rule 31 of Public Procurement Rules, 2004 ("PPR 2004") no bidder is allowed to alter or modify his bids after the bids have been opened. Moreover, as per rule 36 (b)(vi) of PPR 2004, no amendment in the technical proposal is permitted during technical evaluation. Therefore, in the light of prevailing Govt. procedures, requests for amendments in quotations and clarifications leading to change of substance of bid after opening of bids cannot be accepted and bids not conforming to tender requirements are liable to be rejected.

- Participating bidders are therefore requested to read the bidding documents thoroughly and submit their quotes accordingly without any condition in conformance to all tender requirements including Down Payment, bid validity, provisioning of original quotation from foreign principal, Bank Guarantee confirmation etc., for consideration of bid. Bid found non-conforming to tender requirements is liable to be rejected on tender opening date.

- **Participating firms are requested to provide particulars of their reps on Cell No 03244411999/03244447655 at least 01 day prior to a tender opening Date**.


HBL ISLAMIC BANKING اسلامک بینکنگ
Please use separate Deposit Slips for deposits through Cash & Cheque
Deposit Slip Customer Copy
Branch:
Date: 04 02 2026
Account Title: Public Procurement Regulatory Authority (PPRA)
RAAST ID/Account
IBAN: PK HABB 0045400131007 01
Currency: PKR USD EURO GBP JPY Others
Intercity Within City Same Branch
Self (HBL A/c Holder)
Walk-in Customer
Cash
(Enter Notes Denominations on Reverse)
BANK/BRANCH: State Bank of Pakistan NBP Main Br. (0341)
CHEQUE/INSTRUMENT NO. B794835
AMOUNT 60,000/-
TOTAL AMOUNT 60,000/-
Total Amount in Words: Sixty Thousand only
Commission (if any):
Purpose of Transaction:
Depositor's Name: M. Umar Kaliyar
Contact No. 0324-4447655
Depositor's CNIC No. 33202-5125513-1
(For non-HBL/Walk-in Customers. Also attach ID Document Copy)
Depositor's Account No.
(For HBL Customers/Account Holders)
Received By:
Depositor's Signature
31259011

DISCLAIMER

All information provided/ clarified in this Request for Proposal (RFP) is in the best interest and faith of the parties involved. This RFP is neither an agreement nor an offer/ invitation of agreement by the procuring agency to the prospective bidders or any other person. The purpose of this RFP is to provide interested parties with information that may be useful to them in the formulation of their proposals pursuant to this RFP. The information published in this document is not intended to be exhaustive. Though adequate care has been taken in the presentation of this RFP document, the assumptions, assessments, statements, and information contained in this RFP, may not be complete, accurate, adequate, or correct. Interested bidders shall, therefore, required to make their own investigations and assumptions wherever required and satisfy themselves that the RFP document is complete in all respects. Intimation of discrepancy, if any, should be given to the specified office immediately. If no intimation is received by the office till the date mentioned in the document, it shall be deemed that the RFP document is complete in all respects and parties submitting their proposals are satisfied that the RFP document is complete in all respects.

Information provided in this document or imparted to any respondent as part of RFP process is confidential to the procuring agency and shall not be used by the bidders for any other purpose, distributed to, or shared with any other person or organization.

Abbreviations

AGL	Above Ground Level
CAD	Computer Aided Design
FCC	Federal Communications Commission
LiDAR	Light Detection and Ranging
GCS	Ground Control Station
GP-SAR	Ground Penetrating – Synthetic Aperture Radar
IP	Ingress Protection
ISM	Industrial, Scientific, and Medical
ITU	International Telecommunication Union
MSL	Mean Sea Level
P-Ag	Precision Agriculture
PPRA	Public Procurement Regulatory Authority
PPR 2004	Public Procurement Rules, 2004
RTH	Return To Home
TDP	Technical Data Pack
ToF	Time of Flight

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LIST OF CLAUSES AND ANNEXURES GENERAL PARTICULARS

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2.	Procurement Agency
3.	Invitation of Bid
4.	Pre-bid Meeting
5.	Last Date & Time of Submission of Bid
6.	Bid Opening Date & Time
7.	Bid Opening Address
8.	General Instructions to Bidders
9.	Procurement Procedure
10.	Language of Bid
11.	Submission of Proposals
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16.	Payment Procedure
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18.	Withdrawal of Offer
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20.	Authority to Sign Documents
21.	Affidavit
22.	Grievances Redressal Committee
23.	Bidding Clarifications
24.	Rights Reserved

ANNEX "A"	:	SRS
ANNEX "B"	:	Evaluation Criteria
ANNEX "C"	:	Financial Proposal
ANNEX "D	:	Undertaking
ANNEX "E"	:	Non-disclosure agreement (NDA)
ANNEX "F"	:	Certificate for Correctness

Bidding Process Instructions

1. **Bid Reference No. NASTP-GREENAI-TMT/RFP03/2026**.

2. **Procurement Agency** Ministry of Defence through the Project Director of its GreenAI Project Management Unit.

3. **Invitation of Bid for Procurement of Tractor Mounted Trolley with details in the attached Schedule of Stores.**

4. **Pre-bid Meeting** To clarify any ambiguity / lack of understanding before submission of final bids, a meeting is planned for convenience of bidders on i.e**. 16 March, 26 at 11:00 AM at NASTP Alpha-19** address. Participating firms are requested to provide particulars of their reps on Ph. No. 0324-4411999 at least one (01) day prior to pre-bid meeting. The bidders' representatives should attend, at their own cost, expense and arrangement (including obtaining visas and travel documents, if required), the meeting(s) to obtain clarifications and any other information required for preparation of the Bid

Last Date & Time of Submission of Bid: 25 March 2026 11:00 am.

Bid Opening Date & Time: 25 March 11:30 am.

Bid Opening Address Project GreenAI, NASTP Alpha-19, Old Airport Road, Rawalpindi

Tel: 0324-4411999/0324-4447655

Email: sm_scm@greenai.gov.pk

5. **General Instructions to Bidders**

   a) The bidder shall bear all its costs associated with or relating to the preparation and submission of its Proposal including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by the procuring agency, or any other costs incurred in connection with or relating to its Proposal.

   b) The procuring agency reserves the right to reject any or all of the bids submitted in response to this RFP document at any stage without assigning any reasons whatsoever. The procuring agency also reserves the right to withhold or withdraw the process at any stage with intimation to all who have submitted their proposals in response to this RFP.

   c) Any time prior to the deadline for submission of bids, the procuring agency may change/ modify/ amend any or all of the provisions of this RFP document without assigning any reason. All addenda/ corrigenda shall form part of the RFP documents and shall be notified in writing to all prospective bidders and will be binding on them. The prospective bidders should acknowledge receipt of any such addendum/ amendment in the RFP document(s)

   d) The Bidder may modify or withdraw its Bid after the Bid submission but prior to deadline for submission of the Bids, provided that written notice of the modification or withdrawal is received by procuring agency.

   e) No Bid may be modified subsequent to the deadline for submission of the Bids.

   f) No Bid may be withdrawn in the interval between the deadline for submission of Bids and the expiry of the period of Bid validity specified by the Bidder on the Bid Form. Withdrawal of a Bid during this interval may result in forfeiture/encashment of the Bid Security.

6. **Procurement Procedure**

   The procuring agency is adopting a 'single stage-two envelope' bid procedure as specified in rule 36(b) of PPR 2004.

7. **Language of Bid**

The Bid prepared by the bidder and all correspondence and documents relating to the Bid exchanged between the Bidder and procuring agency and/ or any representative of procuring agency, shall be written in English language. Any supporting printed literature furnished by the Bidder written in another language should be accompanied by an English translation of its pertinent pages in which case, for purposes of interpretation of the Bid, the English translation shall govern.

8. **Submission of Proposals**

(a) Proposals are to be submitted as hard copy via post or by-hand sealed as under:

(i) The Bid shall comprise a single package containing two (02) separate envelopes. Each envelope shall contain separately the technical proposal and the financial proposal.

(ii) **Technical Proposal:** Technical proposal is to be submitted in duplicate in a separate sealed envelope and clearly marked **"Technical Proposal without prices",** Tender number and date of opening. The Technical Proposal Envelope shall contain:-

- Technical Proposal as per System Requirement Specifications **Annexure 'A'**
- Bidding Forms & **Annexure 'D' to Annexure 'F'** (Duly filled & signed by authorized signatory)
- Bid Security in a separate sealed envelope clearly marked **Bid Security,** Tender Number.
- Soft copy of Technical Proposal in the form of USB in a separate sealed envelope clearly marked **"Soft Copy of Technical Proposal",** Tender Number.

(iii) **Financial Proposal:** It shall contain Financial Proposal Form **Annexure 'C'** filled and dully signed in a separate sealed envelope clearly marked on the face **"Financial Proposal with prices",** tender number.

(iv) Both the **"Envelopes"** of Technical and Financial proposals should be enclosed in one cover, properly sealed, and bear the address of procuring agency with tender number and opening date.

(b) Failure to provide any of the required information specified in the RFP document with the 'Technical Proposal' (Envelope 1), and in the prescribed format (where applicable), may lead to disqualification of the Bid and the affected Bidder's 'Financial Proposal' (Envelope 2) will be returned unopened.

(c) The procuring agency reserves the right to verify the letters, documents or information provided by any bidder from issuing parties and may (together with its advisers) visit and hold meetings with them which shall be facilitated by the bidder. Furthermore, failure to provide the Financial Proposal in the form required under this RFP document may also result in disqualification of the Bid.

9. **Evaluation Process**

(a) The procuring agency intends to exercise the most advantageous bid in conformance with PPRA 2004.

(b) The Bid shall comprise a single package containing two (02) separate envelopes. Each envelope shall contain separately the technical proposal and the financial proposal.

(c) The envelopes shall be marked clearly as “TECHNICAL PROPOSAL” and “FINANCIAL PROPOSAL” in bold and legible letters to avoid confusion.

(d) Initially, only the envelope marked “TECHNICAL PROPOSAL” shall be opened.

(e) The envelope marked as “FINANCIAL PROPOSAL” shall be retained in the custody of the procuring agency without being opened.

(f) Procuring agency shall evaluate the technical proposal in the manner prescribed herein, without reference to the price and reject any proposal which does not conform to the specified requirements.

(g) During the technical evaluation no amendments in the technical proposal shall be permitted.

(h) Technical Qualification evaluation shall be based on the criteria given in Annexure ‘B’ Evaluation Criteria, regarding Bidder’s Technical Experience, Product Capabilities, Design Process and Solution Presentation, etc. as demonstrated in the qualification documents submitted by the Bidder.

(i) The Bidders securing at least seventy percent (70%) overall marks and minimum passing marks in each category as mentioned in forms A-1,2,3,4), in addition to the fulfilment of mandatory requirements, shall be considered qualified, and assigned a technical score St`.

(j) Financial bids of only the technically qualified bidders shall be opened and assigned a financial score Sf evaluated by procurement committee as per the formula described in Annexure “B”.

(k) Work will be awarded to the bidder offering most advantageous bid evaluated as the highest ranked bid based on cost and quality as described in Annexure “B” .

(l) Prior to the expiration of the period of bid validity, procuring agency will notify the successful bidder in writing of its intent to award the contract. The contract will be executed subject to satisfactory discussion of the terms and conditions of the contract. The discussion shall be in accordance with PPR 2004 of Pakistan. The form of contract is attached as **Annexure ‘G’**.

Upon the successful bidder’s furnishing of performance guarantee pursuant to this RFP, procuring agency will promptly notify each unsuccessful Bidder and will discharge their respective bid security(s). The technical and financial proposals of both successful and unsuccessful bidders will be retained by the procuring agency.

10. **Bidder’s Eligibility**

(a) Bidders must fulfill all the requirements as per the eligibility criteria provided in these bidding documents. Otherwise, the bidders will be disqualified, and their bids will not be considered for further evaluation.

11. **Bid Security**

(a) Bid security will be equal to Rupees 200,000/- and will be in the shape of pay order / demand draft in favor of Project Director GreenAI, NASTP Alpha-19, Old Airport Road Rawalpindi. Bid security shall be attached with the technical proposal otherwise proposal will not be accepted.

(b) Bids without required Bid security will be rejected without any right of appeal.

(c) The bid security shall be forfeited in case of occurrence of any one of the following:

(i) If a bidder withdraws its bid during the period of bid validity specified in this RFP document; or

(ii) In the case of successful bidder, if it fails:

- To furnish performance guarantee in accordance with the RFP document; and
- To sign the contract.

(d) Bid security of unsuccessful bidders will be returned upon the award of contract to successful bidder, and after furnishing of the performance guarantee.

12. **Performance Guarantee**

(a) Performance Guarantee (PG) equal to 10% of total contract amount will be submitted before signing of contract. PG will be kept against SLA/support and will only be released after completion of warranty/technical support period (1 year).

(b) The Performance Guarantee shall be as Bank Guarantee Form (attached with draft contract) from any Scheduled Bank in Pakistan in favor of Project Director GreenAI, NASTP Alpha-19, Old Airport Road Rawalpindi.

(c) In case of cancelation of contract due to default of the supplier, the performance guarantee shall be forfeited in favor of procuring agency.

(d) The bidder should quote its rates clearly in Pak Rupees in the Financial Proposal in both figures and words as per format attached at Annex 'C'.

(e) The rates for each smart implement shall be quoted on separate lines.

(f) The Bid shall remain valid for ninety (90) calendar days from technical bid opening date and further it may be requested to be extended by procuring agency.

(g) A bid valid for a shorter period shall be rejected by procuring agency as non-responsive.

(h) Price and all other terms and conditions shall be fixed and firm throughout Bid validity period.

(i) No currency exchange rate will be applicable and bids with a condition of currency exchange rate applicability will be rejected without any right of appeal.

(j) Bid(s) shall be inclusive of all applicable taxes, duties, charges, levies, etc.

13. **Payment Procedure: - For payment of tractor mounted trolley, following procedure will be adopted:-**

(a) Submission of error free invoices.

(b) Payment for the supply of itemized milestones amounts thereof, after deduction of the applicable taxes and duties, shall be made within thirty (30) days upon receipt of error free invoice from Supplier.

(c) Bank charges incidental to the withdrawal of payment shall be borne by the Supplier.

S. No.	Milestone	Technical Description	Financial Allocation (%)
1	**Mobilization Advance**	CDR of equal amount to be submitted by the seller/contractor	20%
2	**Submission of Technical plan**	Delivery of a comprehensive Technical Document/Plan, describing system architecture, functional and non-functional requirements, design methodology, and implementation roadmap.	10%
3	**Design Approval & Procurement of materials**	**(Verification of major raw materials** (Steel, Crane unit, Hydraulic kits) at the workshop.	10%
3	**Development and Fabrication**	Implementation of technical plan and manufacturing/fabrication must demonstrate preliminary functionality. Completion of trolley chassis, bed fabrication, axle integration and load bearing frame validation.	20%
4	**System Integration and Field Testing**	Integration of the trolley with the designated tractor, ensuring proper mechanical coupling, hydraulics, braking, and electrical connections. Mounting of hydraulic crane, routing of high-pressure lines. Conduct field validation including load testing, tipping performance, maneuverability, and structural stability under operational conditions. Final painting after trials.	20%
5	**Handover and Technical Training**	Deployment at designated test site. Transfer of Intellectual Property (IP) rights, including documentation, and design schematics. Execution of in-depth training programs for end-users, technical staff, and maintenance operators. Support manuals and troubleshooting guides to be provided in 03 copies each	20%

14. **Validity of Quotation:** The quotation must be valid for 90 days.

15. **Delivery/Completion Period**

(a) All components of the tender shall be delivered within Two (02) months' time after effective date of the contract.

(b) Delivery period may be extended in case of events beyond the reasonable control of Bidder. Bidder shall inform in writing to procuring agency of any such event and may request for extension in delivery period.

16. **Withdrawal of Offer**

a) If the bidder withdraws its bid or backs out from providing items won by the bidder within validity period at any stage of contract finalization, procuring agency may place such bidder under embargo for a period of six months, which may extend up to one year / forfeit the Bid Security.

17. **Disqualifications**

(a) Proposals will be liable to be rejected if any deviation is found from the instructions as laid down in the bid document i.e.

(i) Technical bid is submitted without the required bid security.

(ii) Proposals are found conditional or incomplete in any respect.

(iii) Multiple rates are quoted against one item.

(iv) Bids are received after specified date and time.

(v) Mandatory requirements of Evaluation Criteria are not fulfilled.

(vi) Mandatory Technical Requirements of smart implements are not properly adhered to.

(vii) Bidder is not the principal manufacturer of proposed & baseline platforms.

(viii) Any inferior product/specifications than the specifications provided in SRS Section 4.

18. **Authority to Sign Documents**

(a) Proposal must be accompanied by Letter of Authorization to sign the Tender on behalf of the Bidder. Bidder must prove that the person who signs this Tender is fully authorized to bind his establishment / company.

19. **Affidavit**

(a) Affidavit on Stamp Paper to the effect that the firm has not been blacklisted and debarred by any government/semi government/autonomous body or company.

20. **Grievance Redressal Committee**

(a) After submission of bid and prior to award of the contract, any bidder feeling aggrieved by any act of procuring agency may lodge a written complaint concerning his grievances to GRC constituted under Rule 48 of PPRA within 07 days of announcement of the technical evaluation report and 05 days after issuance of final evaluation report.

(b) GRC will immediately initiate the investigative action and decide the complaint within ten days of its receipt. The decision of GRC shall be intimated to the complainant / aggrieved bidder. The decision of the GRC shall be binding upon all the parties.

21. **Bidding Clarifications**

(a) In case any clarification is required regarding RFP, bidder may contact on following address till one week prior to the deadline for submission of tenders.

(b) Technical Clarification: 0335-0011328

(c) Bidding Procedure: 0324-4411999

(d) A prospective bidder requiring any clarification of the RFP documents which is

essential to enable the prospective bidder to submit its Bid, may notify the procuring agency in writing through email (email address).

(e) The procuring agency may reach out to the prospective bidders for additional information or clarification during the submission, evaluation, and discussion periods.

22. **Intellectual property Rights:**

(a) The consultant would be bound to transfer IP rights to the purchaser which would include but not limited to ideas, inventions, discoveries, tools, methodology, computer program, processes and improvements, design documents including detailed CAD design, engineering diagrams, 2D and 3D renders, experimental and simulation based analyses and results, finally developed complete Smart and precision Implements, component or part that has been designed, developed, manufactured or installed and any other intellectual property, tangible or intangible, that has been created by consultant while entering into this Contract during the design and development of the smart and precision implements to be delivered or which has been property of the consultant and already design and utilized in the delivered system.

23. **Rights Reserved**

(b) The procuring agency reserves the rights to cancel the bid, accept or reject any bid as per PPR 2004.

Project Director
GreenAI, NASTP
Alpha 19, Old Airport Road, Rawalpindi
Email:- sm_scm@greenai.gov.pk

Date:- 6 March, 2026

Annexure "A"

Tractor Mounted Trolley

1. Quantity 01 Tractor Mounted Trolley with undermentioned capacity and capability

(a) Objective

The objective of this project is to procure tractor mounted trolley to improve the efficiency of transporting agricultural inputs, harvested crops, and farm materials, thereby reducing manual labor, saving time, and supporting smooth farm operations.

(b) Technical Specifications

1. General Dimensions:

(a) Overall Platform Length: **20 ft**
(b) Overall Width: **8.5 ft** and Height 2.5 ft
(c) Deck Type: Heavy-duty flatbed platform
(d) Chassis: Reinforced structural steel frame (ASTM A36 equivalent or higher)
(e) Chassis must be constructed from I-Beam or C-Channel (Minimum 10-inch section) to prevent sagging under the crane's mounting point.
(f) Removable Side Walls: The trolley must feature 2.5ft high reinforced drop-sides to make it for 3-Way Opening (Left, Right, and Rear). Side walls must be divided into sections (e.g., two 10ft sections per side) for easy manual handling. All walls and corner posts must be fully removable to convert the trolley into a complete flatbed platform.
(g) The Drawbar length must ensure a minimum 70-degree turning angle without interference with the tractor's rear tires. The bidder must provide a 'Swing Clearance' drawing.

2. Load Capacity:

(a) Rated Payload Capacity: Minimum **5 tons (5000 kg)**
(b) Uniformly distributed load design
(c) Factor of Safety: ≥ 1.5 for structural members

3. Axle & Suspension System Training

(a) 2 Axles (4 wheels configuration)
(b) Heavy-duty leaf spring suspension
(c) High-load capacity hubs with tapered roller bearings
(d) Mechanical or hydraulic braking system compatible with tractor

(e) Tandem Axle configuration with heavy-duty leaf springs. Hydraulic braking integrated with tractor brake coupling is mandatory

4. Hydraulic Foldable Hook Crane (Front Mounted)

(a) Rated Lifting Capacity: **5 tons**
(b) Mounting Location: Front section of trolley chassis
(c) Type: Foldable hydraulic knuckle boom / hook crane
(d) Hydraulic system powered via tractor PTO or independent hydraulic power pack (both options suggested by bidder/manufacturer which is better with cost)
(e) Must have hydraulic pressure (Minimum 60L/min flow) with an independent 80L hydraulic oil reservoir mounted on the trolley chassis (or firm specify depending on its calculations)
(f) 360° manual or hydraulic slewing (preferred)
(g) Outriggers for stability during lifting operations
(h) Load holding valves and safety overload protection
(i) Multi-spool directional control valves must be mounted on a dedicated operator platform on the trolley.
(j) Must include 4-point hydraulic outriggers to prevent chassis twisting. Two (02) heavy-duty hydraulic stabilizers at the crane mounting base (Front) and two (02) at the rear of the trolley (or suggested by designer while considering FOS).

5. Hydraulic System

(a) Double-acting hydraulic cylinders
(b) High-pressure hydraulic hoses with burst protection
(c) Control valves with safety lock mechanism
(d) Pump: PTO-driven Tandem Pump (One for the crane, one for the outriggers/ramps or suggested by firm).
(e) Filtration: 10-micron return line filter with pressure gauge.
(f) Tank: Minimum 100 Liter capacity with sight glass and cooling fins.
(g) Controls: The levers (Control Valve Bank) should be mounted on a standing platform on the side of the trolley or on a rotating seat attached to the crane pillar. Operating from inside the tractor cab is impossible for a 5-ton crane as the operator needs a clear view of the load.

6. Structural & Safety Requirements

(a) Anti-skid steel deck plate
(b) Rear reflectors and lighting system
(c) Wheel chocks and parking brake
(d) Compliance with applicable road and safety regulations
(e) Tie-down hooks / lashing points
(f) **Cargo Securing System:** Minimum of 10 heavy-duty **Recessed D-Rings** (5 on each side) welded directly to the main structural chassis members. Points must be rated for a minimum break strength of 5 tons each to accommodate heavy-duty chain tensioners.

Feature	Technical Requirement	Benefits
Side Hinges	Heavy-duty "Gudgeon" hinges with locking pins.	Prevents walls from rattling or opening accidentally during transport.
Removable Posts	Middle and corner pillars must be "Socket-Type."	Allows a completely clear 20ft flat deck for side-loading.
Tie-Downs	Recessed in the floor.	Allows the floor to stay flat so you can slide machinery without hitting a hook.

7. Finishing & Protection

(a) Anti-corrosion primer and industrial-grade paint
(b) All welds as per AWS standards
(c) Proper grounding for hydraulic and metallic components
(d) Must include **Counterbalance Valves** (to prevent the crane from falling if a hose bursts)

8. Ramp Platform

(a) Type: Rear-mounted foldable loading ramps
(b) Quantity: 2 heavy-duty ramps (preferred)
(c) Ramp Length: 5–7 ft (adjustable as per loading height)
(d) Thickness: Designed for 5-ton total load capacity
(e) Anti-slip chequered steel plate surface
(f) Hydraulic cylinder-assisted adjustment
(g) Ramps must be hydraulically operated using the same PTO power system as the crane.

Note: The bidder must provide a Load Chart and a Stability Certificate showing the trolley's Tipping Point with the crane at maximum reach.

Time for development. 2 months from the time of the contract

Form – "A-12"

(Letter of Proposal)

[On Letterhead paper of the Bidder including full postal address, telephone no., fax no., e-mail address etc.]

Dated _____

Project Director GreenAI
PMU, Ministry of Defence
NASTP -Alpha-19 Old Airport Road Rawalpindi
Tel: +92-324-4411999
Email: sm_scm@greenai.gov.pk

Dear Sir,

Reference is made to the tender Enquiry No. _____.

1. Attached to this letter are documents listed below defining:

   a) The principal place of business.

   b) Copy of valid registration certificate with SECP.

   c) Copy of certificate of Income Tax & Sales Tax registration.

   d) Evidence of appearance of Active Taxpayer's List with FBR.

   e) Duly filled-in all Proposal Forms along with required supporting documents and all other documents required to be submitted along with proposal.

2. We agree to abide by this Bid for a period of 90 days after the date fixed for technical proposal opening, or as extended, as per instructions given in RFP and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

3. We have submitted the Bid Security for an amount provided for in the RFP which is part of our Bid, issued in accordance with the provisions of the RFP, along with our technical proposal.

4. If our Bid is accepted, we will submit the Performance Guarantee for the required sum on the form as provided for in the RFP issued in accordance with the provisions of the RFP.

5. The procuring agency reserves the right to annul the procurement process. Further, procuring agency may reject all bids or proposal at any time prior to award of contract without incurring any liability to the affected bidders or any obligation to inform the affected bidders of the justification for procuring agency' action.

6. The procuring agency and its authorized representatives may contact the following persons for further information, if needed:-

Contact 1	Tel:
Contact 2	Tel:

7. This Proposal is made with the full understanding that:

a) Bids will be subject to verification of all information submitted for Request for Proposal at the time of bidding.

b) The procuring agency reserves the right to amend the scope and value of any Contract under this project.

8. The undersigned declare that the statements made, and the information provided in the duly completed Proposal are complete, true, and correct in every detail.

_____

Stamp & Signatures

_____

(In capacity of)

Duly authorized to sign bid for and on behalf of

_____

WITNESS:

_____

Signature

Address _____

Form ‘A-1’

BIDDER INFORMATION

Company Name	
Company Registration	
Physical Address	
City	
State/Province	
Postal Code	
Sector	
Street no.	
Phone Number	
Email Address	

Contact Person Details

Full Name	
Position/Title	
City	
Phone Number	
Email Address	
Other Contact Info	

_____

(Name)

(Designation)

Form 'A-2'

TECHNICAL RESOURCES

Name of Bidder: _____

S.No.	Equipment/ Resource	Expected Role

_____

(Name)

_____

(Designation)

Form 'A-3'

PROFESSIONAL PROFILES FOR KEY RESOURCES

1. Resource Person Information

Name of Firm	
Name of Resource Person	
Proposed Position	
Highest Qualification	
Years of Experience	
Area(s) of Expertise	

2. Education:

[Summarize college/university and other specialized education of staff member, giving names of institutions, dates attended, and degrees obtained.]

Name of Institution	Degree Title	Year of passing

3. Key Skills:

[Give an outline of staff member's technical, soft, and hard skills that are pertinent to tasks assigned on this project. Use up to one page].

4. Professional Experience:

[Summarize professional experience in reverse chronological order]

Organization	Year	Position	Project / Assignment	Description of tasks performed by resource person

5. Certifications / Workshops and Short courses

[Enlist the certifications obtained, workshops and short courses attended that are pertinent to tasks assigned on this project]

6. Details of Tasks Assigned on this Project

7. Certificate

I, the undersigned, certify that to the best of my knowledge and belief, these biodatas correctly describe myself, my qualifications, and my experience.

_____ _____

Signature of Staff Member

Authorized official of firm

_____

(Name)

_____

(Designation)

Annexure 'B'

EVALUATION CRITERIA

The evaluation committee appointed by the Project Director GreenAI project shall carry out its evaluation, applying the evaluation criteria and point system specified hereunder:

1. **Mandatory Requirements**

Attach documentary evidence as applicable

S. No.	Description	Evaluation of Proposals	Marks	Remarks
1	Individual evaluation of fabrication of tractor trolley	Technical compliance check	10	
		Required specifications	15	
		Indigenous development	10	
		Team Qualifications/experience	15	
		Durability, Warranty, Environmental and relevant standards	10	
		Testing and calibration strategy	10	
		Intellectual Property (IP) Management	10	
		Innovation and Technical Approach	10	
		System Maintenance and Upgrades	10	

2. **Detailed Requirements**

Only the bidders meeting the aforementioned mandatory requirements will be considered for detailed evaluation of technical bids. The detailed evaluation shall be carried out based on the criteria for the different categories and minimum passing marks prescribed hereunder:

Annexure "C"

FINANCIAL PROPOSAL FORM

1. TENDER INQUIRY No**:** PROCUREMENT OF TRACTOR MOUNTED TROLLEY.

2. Time and Date of opening at **25 March, 2026 11:30 am**

(1)	(2)	(3)	(4)	(5)	(6)
Serial No.	**Implement description / Specification**	**Development Cost in Fig**	**Sales Tax in Fig**	**Total Price in Fig**	**Total Price in Words**

Grand Total _____ Rs.

In Words _____

_____

(Name)

_____

(Designation)

Annexure "D"

UNDERTAKING

(Fill in and Return)

To

Project Director (Green AI)

Project Management Unit

Islamabad

Dear Sir,

I/We hereby submit our bid to supply Tractor Mounted Trolley detailed in the SRS as you may specify in the contract at the prices given in Annex "C" and further agree that this bid will remain valid up to 90 days from the date of bid opening and will not be withdrawn or altered in terms of rates quoted and the condition stated therein on or before this date.

I/We understood the instructions to Tenders and condition of contract as laid down in tender document and thoroughly examine specification / drawing and / or patterns quoted in the Schedule to Tender and am/are fully aware to the nature of the goods required and my/our offer is to supply goods strictly in accordance with the requirements.

Witness's Signature:	**Signature of Bidder:**
Name:	Name:
N.I.C No.	N.I.C No.
Address:	Capacity in which Signing:
Date:	Address:
	Date:
	Tel: Telex/Fax

Annexure "E"

NON-DISCLOSURE AGREEMENT (NDA) OF CONFIDENTIAL INFORMATION

Except as required to further the relationship between the procuring agency and M/s_____ or as expressly authorized in writing on behalf of procuring agency, M/s_____, its shareholders/partners, directors, advisors, officers, and employees shall not disclose, provide or share directly or indirectly by any mean (verbal, writing, social media), any Confidential Information (partial or complete) during the period of his/her relationship with the procuring agency or any time after the termination of such relationship.

Signed	Signed
Bidder	Bidder
Dated:	Dated:

Annexure "F"

CERTIFICATE FOR CORRECTNESS OF DATA / DOCUMENTS / INFORMATION

(Date:……..….)

It is certified that the data/ documents/ information submitted in our Proposal is absolutely correct to best of our knowledge and we accept full responsibility for its accuracy.

We understand that any false or incorrect data/ documents/ information may result in disqualification of our bid at any stage of procurement process.