

**SCOPE OF WORK: Annual Contract for Hydraulic Stretch Test (HST) for Nitrogen Gas Cylinders for AI Engineering Services Ltd, Old Airport, Kalina, Santacruz (East), Mumbai 400029.**

**Pl. reply to:**

Dy. General Manager-  
PPMM, AI Engineering  
Services Limited  
Gate #2, Hangar#3, Production Planning & Material Management  
Division Group-A, Old Airport, Kalina, Santacruz (East)  
Email: Naresh.n@aiesl.in

**Name & Address of the Bidder/Agency:**

**NAME:** .....

**ADDRESS:** .....

.....

AIESL  
AI ENGINEERING SERVICES LIMITED

**DISCLAIMER**

While the document has been prepared in good faith, no representation or warranty, express or implied, is or will be made, or no responsibility or liability will be accepted by AI Engineering Services Ltd. (AIESL) or any of its employees, in relation to the accuracy or completeness of this document and any liability thereof expressly disclaimed. The RFQ is not an offer by AI Engineering Services Ltd., but an invitation to potential Service provider/organization for submission of their interest for providing services as mentioned in terms and conditions section of this tender document.

This Tender is not an agreement and is neither an offer by AI Engineering Services Ltd. to the prospective bidder(s) or any other person. The purpose of this Tender is to provide interested parties with information that may be useful to them in making their technical and commercial offers pursuant to this Tender.

AI Engineering Services Ltd. to make no representation or warranty and shall have no liability to any person, including any or bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this Tender or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the Tender and any assessment, assumption, statement or information contained therein or deemed to form part of this Tender or arising in any way in the tender process.

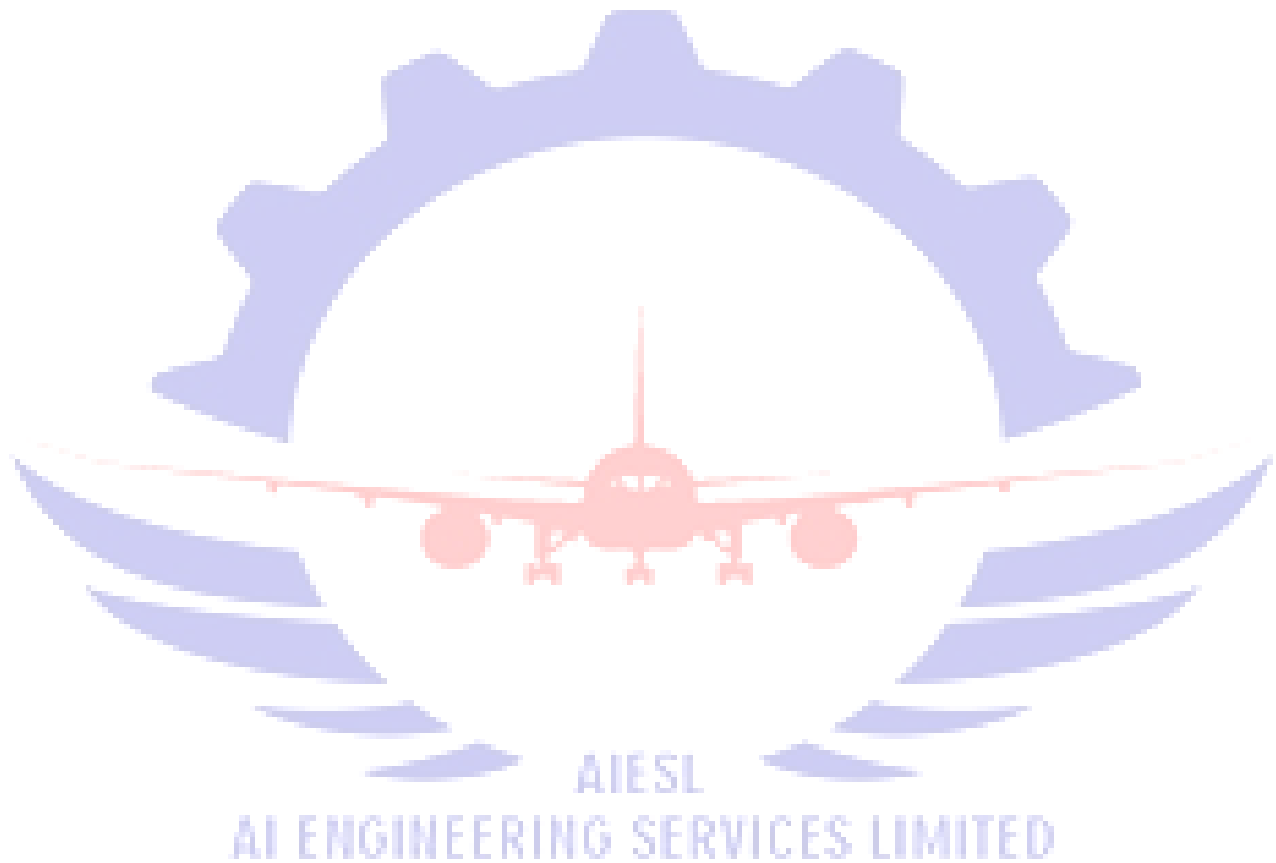
AI Engineering Services Ltd. also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any or bidder upon the statements contained in this Tender. Any information/documents including information/documents pertaining to this Tender or subsequently provided to bidder(s) and/or successful bidder and information/ documents relating to the bidding process; the disclosure of which is prejudicial and/or detrimental to, or endangers, the implementation is not subject to disclosure as public information/ documents.

**No contractual obligation on behalf of AI Engineering Services Ltd., whatsoever, shall arise from the offer process unless and until a formal contract is signed and executed between duly authorized officers of AI Engineering Services Ltd. and the Bidder.**

**CAUTION:** While every care has been taken to ensure that the contents of this Tender are accurate and up to date till date, the entities are advised to check the precise current provisions of extant law and other applicable instruction from the original sources. In case of any conflict between the provisions stipulated in this Tender and in the original sources. Such as GFR or the prevailing laws, the provisions contained in the extant law and the original instructions shall prevail.

## **TABLE OF CONTENTS**

SECTION I	INVITATION TO TENDER
SECTION II	WORK SCOPE DESCRIPTION
SECTION III	SPECIAL CONDITIONS
SECTION IV	ANNEXURE



**SECTION I**  
**NOTICE FOR INVITATING**  
**TENDER**

Sr. No.	Particulars	Detail
1	Scope of the Work	Annual Contract for Hydraulic Stretch Test (HST) for Nitrogen Gas Cylinders for AI Engineering Services Ltd, Old Airport, Kalina, Santacruz (East), Mumbai 400029.
2	Estimated Cost	INR 1,71,000/-
3	Earnest Money Deposit	Nil
4	Performance Bank Guarantee/Security Deposit	5 % of the Contract cost
5	Work Completion Period	Annual Contract
6	Last Date of receipt of Pre-qualification application	As per GeM (Government E-Marketplace)
7	Tender document Fee	NIL
8	Last date, Time and place for receipt of bids	Bids will be accepted through GeM only.
9	Availability of bidding documents	Available on GeM Portal
10	Validity of the Offer	Ninety (90) days from the date of submission of Bid.

**For Further details, prospective bidders may please**

**contact: -**

**Sr. AGM (PPMM)**

Email – [Naresh.n@aiesl.in](mailto:Naresh.n@aiesl.in)

1.1 Tender shall be valid for a period of 90 days from the date of opening of the tender.  
Copies of the tender document can be obtained from GeM (Government e Marketplace) portal.

1.2 Bid shall include:

- a) MSME/MII units registered with NSIC under its Single Point Registration scheme/ Public Sector Units/Central/State Government undertakings would be exempted from the submission of EMD.

- b) All Bid pages should be duly signed and stamped by the bidder.
- c) All the mandatory supporting documents asked for in the technical bid.

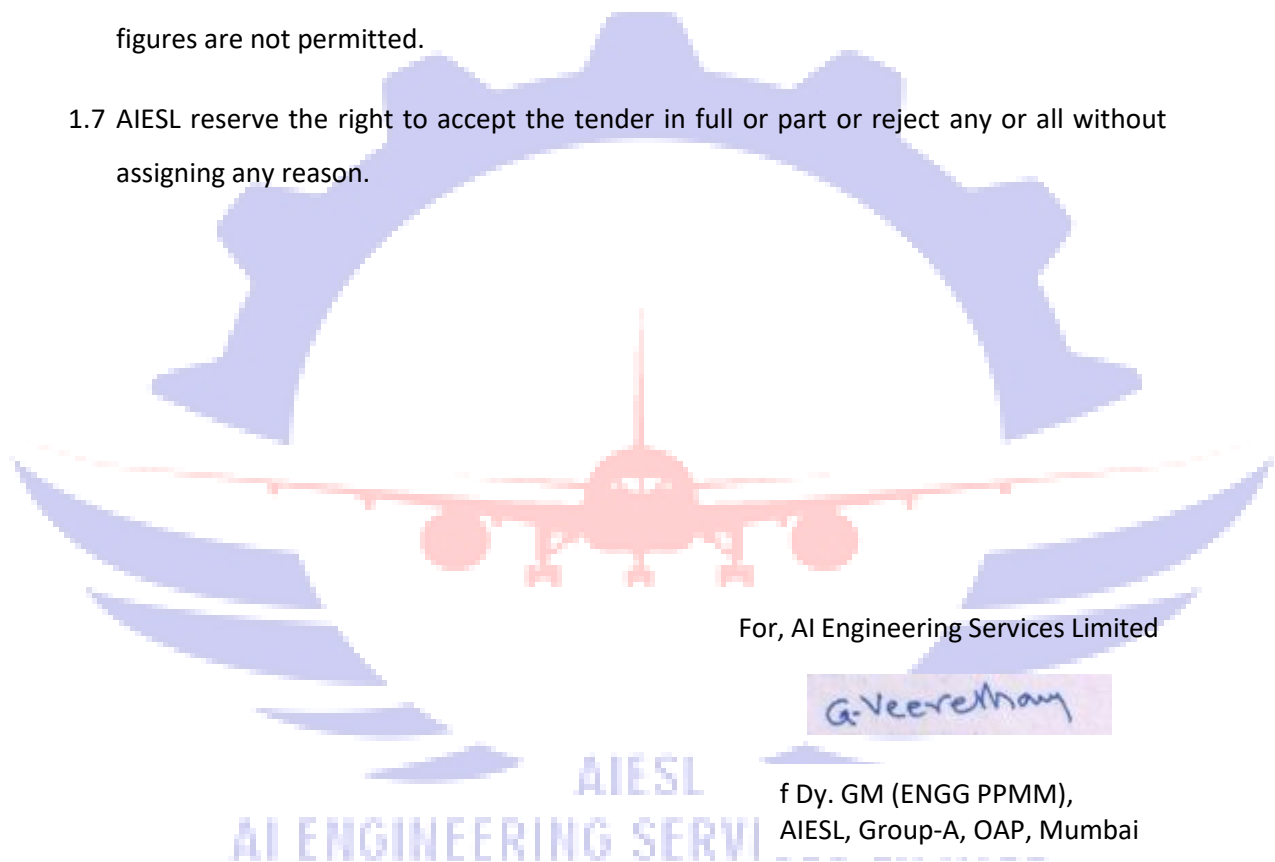
1.3 Single Packet Bid is to be submitted online through GeM Portal only.

1.4 Bidder shall submit all clarifications/ Confirmation through GeM only within the specified time.

1.5 An authorized person, holding power of attorney shall sign the tender document.

1.6 Tender shall be filled in English and any alterations must be duly attested. Overwritten figures are not permitted.

1.7 AIESL reserve the right to accept the tender in full or part or reject any or all without assigning any reason.



## SECTION II

### WORK SCOPE DESCRIPTION

**Annual Contract for Hydraulic Stretch Test (HST) for Nitrogen Gas Cylinders for AI Engineering Services Ltd, Old Airport, Kalina, Santacruz (East), Mumbai 400029**

AI Engineering Services Ltd. (AIESL) Invites Bids under for subject item(s) as detailed below:

SN	Item Name(s)	Total Tendered Quantity
1	Hydraulic Stretch Test (HST) for Nitrogen Gas Cylinders	32 cylinders
2	Painting of cylinders after HST	32 Cylinders
3	Cylinder Knob (Valve) Replacement	10 Nos.
4	Valve Safety Guard	25 Nos.
5	Transportation (To and from Old Airport)	6 Trips

#### **Details of Work-Places:**

AI ENGINEERING SERVICES LIMITED,  
Old Airport (OAP), Kalina,  
Santacruz (East), Mumbai 400029

#### **The scope includes:**

##### **1.1 SPECIFICATION OF CYLINDERS**

EFD/ENGG, AIESL is using High Pressure storage cart with a set of 3 cylinders, charged with nitrogen at 3600 psi for maintenance works in aircraft hangars. These empty cylinders are required to be tested with a pressure of 3500 to 4000 psi and furnished with test certificate containing the information about the expansion, total, perm, elastic, of each cylinder apart from other details.

##### **1.2 Specification of Cylinders:**

DIA - 10 inches

Length: 54 inches (Approx.) with volume of 2.44 cu ft(approx.)

Working Pressure: 2000 PSI

Both sides of the cylinder have Hex cap (one side of cap is blanked by plug and the other side is having thread 1/4 NPTM or 1/8 NPTM). At the neck of the cylinder there is a tapping having ¼ NPTF

### 1.3 Hydraulic Stretch Test (HST) Parameter

Hydraulic stretch test should be carried out as per THE GAS CYLINDER RULES (2004) IS: 5844 and the latest amendment thereof, mainly on following parameters and any other requirement as per latest amendment of said rules.

- a) Cylinder No.
- b) Make
- c) O/TW (Kgs)
- d) T/W (Kgs)
- e) N/W (Kgs)
- f) W.C. Ltrs
- g) Test Pressure (KGS/cm<sup>2</sup>)
- h) Temp. Expn. (cm<sup>2</sup>/cc)
- i) Perm. Expn. (cm<sup>2</sup>/cc)
- j) %Vol Perm Stretch
- k) Test Mark & Date
- l) Remarks

### 1.4 Nature of Work

Sr. No.	Nature of Work
i	Service Provider should carry out Hydraulic Stretch Test (HST) for Gas cylinders and should submit <b>Form 13</b> as per factory act.
ii	Testing includes testing of valves rectifying of valves, testing of any leakages.
iii	Defective valves to be repaired/replaced and valid test certificate as per guidelines of Chief Controller of Explosive should be provided by Service provider.
iv	Cylinder Knob (Valve) to be replaced (This is optional only in case of existing valve failure for any cylinder)
v	Service provider should arrange to collect/return loading/unloading of the cylinders from Engg-OAP. 5 or 6 CYLINDERS shall be sent at a time.
vi	Safety covers to all cylinders to be provided by service provider.
vii	Service provide should stencil /stamp Test date/ next due date on each cylinders as per rules.
viii	Each cylinder should be properly colour code/painted as per international standard and visible to naked eyes.
ix	All cylinders will be hydro tested and date will be displayed on each cylinder.
x	Service provider should provide all the accessories (for newly supplied items), delivery challan and test certificate.
xi	Spares replacement and Painting of cylinders if any - Service provider should take prior approval from AIESL before replacing any spare part (Valve, Cap, etc)
xii	Service provider should submit consolidated test report giving details of examination & Hydraulic Testing of each of the cylinder & duly signed by competent authority/person.

The quantities mentioned above are our estimated quantity for 12 months period and AIESL is not committed to uplift the entire quantity mentioned in tender or the proposed contract /order.

### 1.5 Note:

- a) Please quote your offer only for the specifications and other parameters as given above. Alternate offer which does not adhere to the above specifications/parameters will not be considered for evaluation.
- b) Bidders cannot go back on their commitment on the above Parameters/Technical specifications

after opening of the bids. Therefore, any doubt or clarifications required **MUST** be taken before submission of the Bids.

1.6 The service provider shall visit site and confirm the job specifications before submission of tender.

1.7 The work shall include all necessary labour, materials, Personal protective equipment's, tools and tackles, welding/cutting equipment and consumables, transportation, lodging, and any other incidental expenses required for the execution of the job.

1.8 The service provider shall assess the said equipment to identify any required corrections or modifications. All findings must be reported to the authorized AIESL representative, along with proper justifications and a preliminary technical assessment for review and approval.

1.9 Necessary all entry/gate passes shall be obtained for Manpower/Material to be taken In/out of AIESL premises for repair/return.

1.10 Defects Liability Period (DLP)- 06 months from date of completion.

1.11 Any defect during warranty period must be rectified free of cost without any liability top AIESL.

1.12 Submit warranty certificates for all supplied materials.

**1.13 GENERAL SAFETY PRECAUTIONS**

- i. Work Permit must be obtained before starting any activity.
- ii. Conduct Job Safety Analysis (JSA) or Risk Assessment for all activities.
- iii. Toolbox talks to be conducted daily before starting work.
- iv. Follow all AIESL internal safety policies and applicable DGCA norms.
- v. Barricade work area using cones, safety tape, or fencing.
- vi. Coordinate with AIESL - EIC to avoid disruption of ongoing work.

**1.14 PERSONAL PROTECTIVE EQUIPMENT (PPE)**

- i. Mandatory PPE: Helmet, safety shoes, reflective jacket, gloves, and eye protection.
- ii. For painting: Use chemical-resistant gloves, goggles/face shields, and approved respirators.
- iii. For grinding/welding: Use flame-resistant clothing, welding masks, ear protection, etc.

1.15 The contractor will be held fully liable for any injuries, damages, or losses occurring due to negligence or non-compliance with safety protocols.

**1.16 DOCUMENTATION & INSPECTION**

- i. Maintain repair records with before-and-after photos, part replacements, and inspection



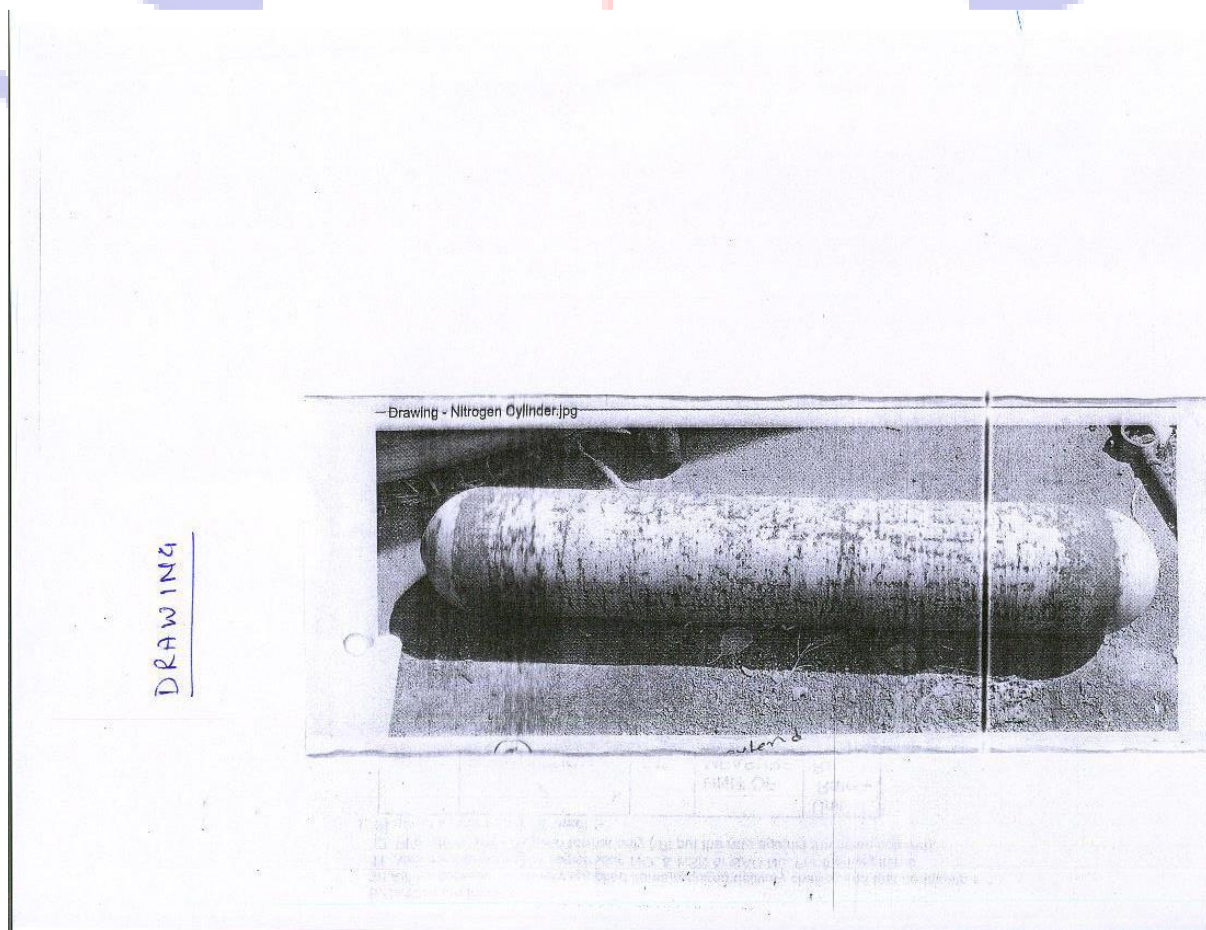
notes.

- ii. Maintain painting logs with details of materials used, batch numbers, and dates.

**1.17 Standard Terms:**

1. In case of the contract, the quantity mentioned is only estimated one. AIESL is not committed to uplift the entire quantity as mentioned in the contract.
2. **Valid certificate of approval by the Chief Controller of Explosive must be uploaded with bid**
3. Every supply should be accompanied with a HST Certificate/Form 13 indicating that the tested cylinders are in conformity with the Scope of Work given in this Tender/Bid.
4. Price should remain firm till the completion of the contract period. During the contract period
5. Pre-Delivery Inspection: AIESL reserves the right to inspect the cylinders at our premises after they have been delivered.
6. Exit / Termination: A contract may be terminated under the following circumstances:
  - a) In the event of unsatisfactory performance during the contract period, contract shall be terminated with one month's advance notice.
  - b) If there is change in AIESL requirement, contract shall be terminated with three months advance notice.

**1.18 Refer - Photograph of Cylinder for reference**



### SECTION III SPECIAL CONDITIONS

#### General Terms & Condition: -

#### Terms and Conditions governing the Bid:

AI Engineering Services Limited (herein after referred to as "AIESL"), invites Bids on GeM portal from eligible Bidders meeting the Bid evaluation criteria specified in this Tender

**1) Submission of Bids:** Bidders must ensure online submission of Single packet Bid proposals on GeM. All documents are uploaded on GeM.

**2) Exemption/ Preference to MSE units:**

- a) As per Public Procurement Policy for Micro and Small Enterprises (MSEs) preference will be provided to MSEs as per the prevailing policy as formulated by Ministry of Micro, Small and Medium Enterprise of Govt. of India.,
- b) MSEs participating in the tender must submit the certificate of registration.

**3) Penalty Clause:**

- a) **Penalty for delayed Services:** The tendered item is required for the purpose of AIESL's use. Timely delivery therefore, is of utmost importance. In case of delay in services, penalty for late delivery will be charged at the rate of 0.5 % per week after one month, subject to a maximum of 10% of the value of the undelivered part. In the event of continued delayed service, AIESL reserves the right to cancel the contract and to take the appropriate necessary action in its interest.
- b) **Penalty for substandard/defective quality/short supply:** At the time of delivery/ acceptance of the items/goods if it is found that the items/goods so delivered are not as per the specifications given in the contract/purchase order then AIESL reserves the right standard penalty for delayed supply @ 0.5% per week or part thereof, subject to maximum of 10% would be applicable from the original delivery schedule.
- c) In the event, supplies are found to be continuously deviated from the specification etc., AIESL reserve the right at its sole discretion to cancel the contract/Purchase order, and to withhold payments for such supplies that have not been accepted.

**4) Payment Terms:**

- a) Payment will be made within 45 days from the date of completion of service and commissioning (or) original invoice, whichever is later. However, if a Successful Bidder is a MSME Unit, then the payment will be made within 30 days from the date of receipt of the item, completion of installation and commissioning (or) original invoice for payment, whichever is later as per the laid down govt. guidelines for MSME bidders.
- b) Payment will be made through ECS mode.

**5) Service Provider Condition:**

- i. The accident /incident liability during the course of work is the sole responsibility of Service Provider, and insurance of the personnel will be under the purview of the SP alone.
- ii. The Service Provider should ensure the safe disposal of the debris and scrap / garbage generated during the execution of said work away from the premises.

**6) Submission of Invoice**

Original invoice along with commissioning certificate duly certified by end user for satisfactory performance to be submitted to PPMM Group A, Mumbai for payment purpose as given in the Purchase Order. The invoice shall be submitted to:

**Dy. General Manager- PPMM,  
AI Engineering Services Limited  
GATE # 2, Hangar#3,  
Production Planning & Material Management Division  
Group-A, Old Airport, Kalina, Santacruz (East)  
Email: [Naresh.n@aiesl.in](mailto:Naresh.n@aiesl.in)**

**8) Note:**

- i. The Bidder may modify or withdraw their Bid after the Bid submission but prior to the date/time of opening of Bids subject to SOP for such activities in GeM, Last modified Bid by the Bidder shall be treated as the final Bid.
- ii. No Bid shall be modified/withdrawn after the date/time of opening of Bids. Withdrawal of a Bid after the date/time of opening of Bids shall result in application of Bid Security Declaration penalty action and forbidden of duly submitted EMD.
- iii. All the pages of the Bid must be mandatorily signed and stamped by the authorized signatory and enclosed along with the supporting documents as required in the Technical Bid.
- iv. The Bidders can download the Tender free of cost from GeM portal.
- v. Bidder may visit the site before submission of offer with prior appointment. Prior appointment for Site visit may be obtained by email to [ag.dubey@aiesl.in](mailto:ag.dubey@aiesl.in) & copy to [Naresh.n@aiesl.in](mailto:Naresh.n@aiesl.in)
- vi. Any clarification required, shall be raised on GeM portal or email to contact person given in tender enquiry.

**SECTION IV**  
**Annexures**  
**Bid Format - Annexure A**

Sl.	Qualifying Criteria	Yes	No
1.	Whether registered with the Registrar of Companies/Registrar of Firms in India. If so, mention number and date and enclose Registration Certificate copy		
2.	<b>Turnover:</b> Minimum Turnover of <b>Rs 1 ,00,000 per annum</b> (One Lakh per annum) relating to the business during the <b>last 3 year i.e. 2022-23, 2023-24, 2024-25 financial years.</b> <b>Turnover for 2022-23:</b> _____ <b>Turnover for 2023-24:</b> _____ <b>Turnover for 2024-25:</b> _____		
3.	<b>Experience:</b> As on date of submission of the tender, the bidder must have previous 03 (Three) years of experience of supply of similar type of equipment & services to reputed organization <b><u>Details</u></b> Copy of document to be submitted (completion certificate with final value)		
4.	<b>Not Blacklisted / Debarred</b> As on date of submission of the tender, <b>is your company blacklisted /debarred</b> from participating in new tenders by any Govt. /Govt. Agency / AIESL or their sister / subsidiary companies.		
5.	PAN/ GIR NO. with details		
6.	GST Registration No. with details		
7.	Agreeing for the payment Term of 45 Days		
08	Exemption for MSME shall be applicable on submission of MSME certificate (must)		

**Price Bid Format - Annexure B**

Job Description	Base Price	GST (%)	Total Price
Annual Contract for Hydraulic Stretch Test (HST) for Nitrogen Gas Cylinders for AI Engineering Services Ltd, Old Airport, Kalina, Santacruz (East), Mumbai 400029.			

Total amount in words Rs.....

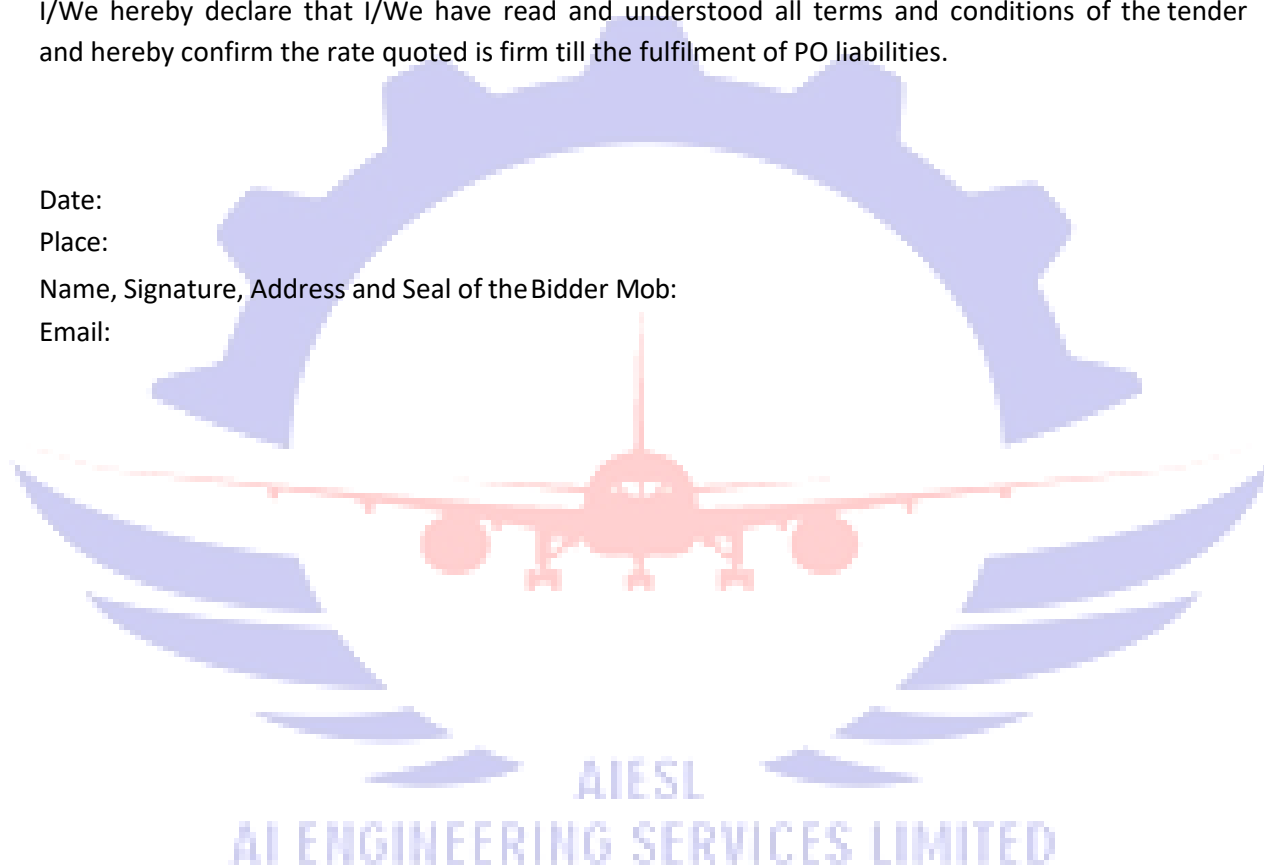
I/We hereby declare that I/We have read and understood all terms and conditions of the tender and hereby confirm the rate quoted is firm till the fulfilment of PO liabilities.

Date:

Place:

Name, Signature, Address and Seal of the Bidder Mob:

Email:



**Acceptance of Terms & Condition *(to be printed on bidder's company letter head and submitted along with Technical Bid)* -- Annexure C**

I/We have read and examined the Notice Inviting Tender, Annexure, Specifications Applicable, General Rules and Instructions, General Conditions of Contract, and all other documents referred to in the conditions of contract and all other contents in the tender document for the work and accept the terms and conditions of the tender in full conformity.

Date:

Place:

Signature:

Name:

Designation:

Company Name & Seal

SEAL & SIGNATURE OF THE VENDOR/CONTRACTOR

AIESL  
AI ENGINEERING SERVICES LIMITED

**Undertaking - Annexure D**

I / We..... confirm that I / we do not have any relative,

who is an Employee of AIESL or its subsidiaries and is likely to benefit us during the Award / implementation of the contract /PO.

I / We also indemnify that any subsequent detection of direct or indirect beneficiary of any application/ Award of any contract to any employee of the organization may result in disqualification / termination as the case may be. AIESL or its subsidiary will have the sole discretion to do so and such cases cannot be referred for arbitration.

**SIGNATURE:**

**SEAL OF THE COMPANY:**



**Declaration (To be given on Company's Letter Head)- Annexure E**

To,  
General Manager (Engineering),  
Group A, AI  
Engineering Services  
Limited, OAP  
Mumbai,  
Maharashtra -  
400029 Dear Sir,

Ref: Tender No.:

I/We, .....hereby confirm that our  
Firm/Company /Group/Group Company has not been black listed / debarred by AI  
Assets Holding Limited (AIAHL) / AIESL / its Subsidiaries or any of the State or Central  
Government of India or Organization of State or Central Government of India.

Place:

Date:

Signature of Bidder

Name:

Designation:

Company Name & Seal



**Security Deposit Declaration Form - Annexure F**

(To be printed on bidder's company letter head and submitted signed & duly stamped scanned copy along with Technical Bid)

To,  
General Manager (Engineering),  
Group A, AI Engineering Services Limited,  
OAP Mumbai, Maharashtra - 400029

I/We, the undersigned declare that:

After qualifying for award of Contract for Tender No. **AIESL/Tender/WR/25-26/005** for **"Annual Contract for Hydraulic Stretch Test (HST) for Nitrogen Gas Cylinders for AI Engineering Services Ltd, Old Airport, Kalina, Santacruz (East), Mumbai 400029"** with AIESL. We will deposit 5% (**Five percent**) of the total value of the Contract **towards interest free Security deposit**, within 2 weeks of receipt of the Contract.

The Security Deposit will be paid by way of Account Payee Demand Draft, Banker's Cheque, Bank Guarantee (BG) issued from any commercial bank, Fixed Deposit under LIEN with AIESL from any Commercial bank, in favor of AI Engineering services Limited (AIESL), payable at Mumbai.

Place:

Date:

Authorized Signatory

Name of Signatory:

Designation of Signatory:

Seal of Company