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AI ENGINEERING SERVICES LIMITED
(A WHOLLY OWNED SUBSIDIARY OF AIAHL, GOI)

ENGINEERING FACILITIES DIVISION
ENGINEERING DEPARTMENT
OLD AIRPORT, SANTACRUZ (EAST), MUMBAI-400029.

TENDER NO : EFD/ 98 / 12 / M / 2023 - 24

Dtd. 01/12/2023

PL. REPLY TO :

**Dy. GENERAL MANAGER – ENGG. (SS),
ENGINEERING FACILITIES DIVISION,
AI ENGINEERING SERVICES LTD,
ENGG. DEPT. OLD AIRPORT, KALINA,
SANTACRUZ(E), MUMBAI- 400029.
PHONE : 022-2626 - 3519 / 3669 / 3801.**

NAME OF PROJECT WORK : REPLACEMENT OF OLD, BURNT RETURN AIR DUCTING / FALSE CEILING BOXING OF AHUs BY PROVIDING NEW GYPSUM / GYPROC BOARDS (12 MM) ALONG WITH ALUMINIUM-POWDER COATED GRILLS ETC AT GRND, 1ST & 2ND FLOOR, COD BOND / BOX STORES, HANGER NO. 4A, ENGG. DEPT, OAP, SANTACRUZ(E), MUMBAI - 400029.

NAME OF THE CONTRACTOR : _____

ADDRESS : _____

TEL NOS : _____

FAX NO : _____



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AI ENGINEERING SERVICES LIMITED
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ENGINEERING FACILITIES DIVISION
ENGINEERING DEPARTMENT
OLD AIRPORT, SANTACRUZ (EAST), MUMBAI-400029.

TENDER NO : EFD/ 98 / 12 / M / 2023 - 24

Dtd. 01/12/2023

SECTION – I

PROCEDURE FOR SUBMITTING OF TENDER

NAME OF PROJECT WORK : REPLACEMENT OF OLD, BURNT RETURN AIR DUCTING / FALSE CEILING BOXING OF AHUs BY PROVIDING NEW GYPSUM / GYPROC BOARDS (12 MM) ALONG WITH ALUMINIUM-POWDER COATED GRILLS ETC AT GRND, 1ST & 2ND FLOOR, COD BOND / BOX STORES, HANGER NO. 4A, ENGG. DEPT, OAP, SANTACRUZ(E), MUMBAI-400029.

The tender for the subject work shall be submitted in two separate Sealed Covers / Envelopes. The Vendors are required to convey in writing in the “ Acceptance Letter” OR “ Regret Letter” which shall be issued in duplicate along with the tender, their unconditionally acceptance to AI Engineering Services Ltd (AIESL) Tender Terms & Conditions in its entirety. The bidders are also required to give an undertaking on “GST”. It shall be the responsibility of the Contractor to collect the “Acceptance letter” in duplicate and Proforma of “Undertaking on GST” from the issuing authority, prior to submission of the tender OR “ **Regret Letter**”.

COVER NO. 1 (TECHNICAL BID) superscribed “Acceptance of AIESL’s Tender Conditions regarding Tender for (as per the subject of the tender) and bearing on the bottom left corner the name of bidder, will contain the following :

- i) Invitation to Tender
- ii) Tender Form
- iii) Demand Draft for Earnest Money Deposit (EMD) & Tender Fee.
- iv) Procedure for submitting tender
- v) Regret Letter (Form)
- vi) Acceptance Letter (Form)
- vii) Undertaking for GST (Forms)
- viii) Additional conditions of contract.
- ix) Scope & Description of work
- x) Deviation sheet
- xi) Declaration form.
- xii) Safety Norms



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COVER NO. 2 (PRICE BID) to be submitted under separate sealed cover shall contain **only following :**

- i. **Bill of Quantities (BOQ) or Schedule of Quantities.**
- ii. **Price Format** superscribed (as per the subject of the tender) and bearing on the bottom left corner the name of the bidder.

Both the seal Covers No.1 & 2 shall be properly pinned together and submitted. Tenders will be opened in the presence of any intending bidders who may wish to be present at the time on the date and at the place indicated. Only the sealed Cover No. 1 shall be opened first.

The offer from only those bidders, who have submitted in Cover No.1 their letter of Acceptance, conveying their unconditional acceptance of AIESL's standard Conditions of Contract together, with the "Undertaking on GST" and DD for Earnest Money Deposit and Tender fee shall be considered valid and Cover No.2 containing the tender quotation for the subject work from such bidders only shall be opened.

Those bidders who do not fulfill the above requirements of Cover No.1 or Cover no.2 shall be rejected. The offers from those bidders, who are unable to unconditionally accept AIESL's Standard Conditions of Contract will also be rejected.

Place : _____

Date : _____

SIGNATURE OF THE BIDDER WITH RUBBER STAMP



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ENGINEERING FACILITIES DIVISION
ENGINEERING DEPARTMENT
OLD AIRPORT, SANTACRUZ (EAST), MUMBAI-400029

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INVITATION TO TENDER

NAME OF PROJECT WORK : REPLACEMENT OF OLD, BURNT RETURN AIR DUCTING / FALSE CEILING BOXING OF AHUs BY PROVIDING NEW GYPSUM / GYPROC BOARDS (12 MM) ALONG WITH ALUMINIUM - POWDER COATED GRILLS ETC AT GRND, 1ST & 2ND FLOOR, COD BOND / BOX STORES, HANGER NO. 4A, ENGG. DEPT, OAP, SANTACRUZ(E), MUMBAI-400029.

1.1 Sealed tenders are invited on behalf of ED(ENGG), AI ENGINEERING SERVICES LTD, OAP, Kalina, Santacruz (E), Mumbai - 400029 for the subject work:

A. Date of submission of Tender : On or before 14:30 hrs, 20th DEC 2023.

B. Date of Tender (2 Bids) opening :

(i) TECHNICAL BID : On 15:00 hrs, 20th DEC 2023.

(ii) PRICE BID : On 15:00 hrs, 20th DEC 2023.

C. Estimated Cost : Rs. 4,50,000 /- + GST as applicable.

D. Earnest Money Deposit : Rs. 9,000/- (2% of the Estimated Cost)

E. Tender Fee : NIL.

F. Completion period : 03 - 04 weeks from the date of issue of W.O.

1.2 Tenders shall be submitted before the due date and will be valid for a period of 90 days from the date of opening of the tender.

1.3 The Tenderer is required to pay :

**(a) Earnest Money (EMD) of Rs 9,000/- (In words : Rupees Nine Thousand only)
[NOTE : Above EMD payment shall be made by way of Bank DD, payable To
"AI ENGINEERING SERVICES LTD." payable at Mumbai OR Bank Guarantee].**

(b) For MSME Registered Vendors / Contractors to avail EMD Waiver on subject tender, it is mandatory to submit original copy of UDYAM Aadhaar along with Tender document.

1.4 Tender shall be submitted to the office of :

**Dy. General Manager (EFD – Engg - SS),
Engineering Facilities Division, Engg Dept,
AI Engineering Services Ltd. (AIESL)
Kalina, Old Airport, Santa Cruz(E), Mumbai - 29.
Pnone No. - 022 -26263519 / 022 -26263669.**



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Both the bids shall be submitted in two sealed covers and shall be identified clearly as under:

ENVELOPE MARKED - I : TECHNICAL BID

ENVELOPE MARKED - II : PRICE BID

NO PRICE BID SHALL BE ACCEPTABLE UNLESS THE PRICING FORMAT / BOQ ENCLOSED WITH THE TENDER DOCUMENT IS COMPLETED IN ALL RESPECTS & SUBMITTED ALONG WITH THE PRICE BID.

- 1.5** **Envelope no 1 (Technical bid)** will be opened on the same day and technical clarifications will be obtained from bidders. On accepting the technical bids, the envelope no 2 (Price Bids) will be opened on later date as decided by Tender Committee, EFD, AIESL.
- 1.6** **Envelope no 2 (Price Bid)** will be opened only when all technical clarifications have been sought. The bidders will be intimated the date of PRICE BID opening 7 days in advance.
- 1.7** An authorized person holding the **Power of Attorney** shall sign tenders.
- 1.8** Tenders shall be filled in English and all the erasures and alterations must be duly attested. Overwritten figures are not permitted.
- 1.9** Tenders not accompanied by Earnest Money will not be considered for opening. PARTIES REGISTERED WITH NATIONAL / STATE SMALL INDUSTRIES CORPORATION LTD. / MSME ARE EXEMPTED FROM PAYMENT OF EARNEST MONEY DEPOSIT. PARTIES INTERESTED IN OBTAINING SUCH EXEMPTION SHALL ENCLOSE THE LATEST VALID (NOT EARLIER THAN 3 YEARS FROM DATE OF ISSUE OF TENDER DOCUMENTS) CERTIFICATE / COPY OF UDYAM AADHAAR ISSUED BY THE RELEVANT SMALL INDUSTRIES ALONG WITH THE TECHNICAL BID.
- 1.10** Earnest Money of successful will be refunded after submission of Security Deposit or along with the first payment. Earnest Money of unsuccessful will be refunded within one month from the date of expiry of the validity. Earnest Money will not bear any interest.
- 1.11** AIESL reserves the right to accept the tender in full or part or reject any or all. AIESL will have its own discretion to split the total work among more than one vendor.
- 1.12** If some is not able to submit their tender for any reason, they must submit a regret letter before the due date and return all the Tender documents, drawings, CD etc.
- 1.13** All pages of tender shall be signed, stamped by the bidders and submitted in the tender box.
- 1.13** Tenders shall be submitted strictly in accordance with any SPECIAL INSTRUCTIONS attached.
- 1.14** The booklet of our ' General Conditions of Contract' is available in our EFD office for your perusal during working hour.

Handwritten signature and date: 7/12/23

Handwritten signature

DY. GENERAL MANAGER – (SS) - AIESL,OAP



AI ENGINEERING SERVICES LIMITED

**ENGINEERING FACILITIES DIVISION
ENGINEERING DEPARTMENT**

Tender No.: _____

Date : _____

TENDER FORM

To,
Dy. General Manager-EFD/ENGG.,
AI Engineering Services Limited,
Old Airport, Santacruz (E), Mumbai - 400029

Sir,

Having carefully studied and understood the entire tender specifications prepared by you and also investigated the working conditions on site, we hereby submit our Tender for the following work

Name of Work:

We enclose a Demand Draft OR Bank Guarantee from _____

(Bank & Branch) / Cash Receipt No. _____ for Rs. _____

duly certified form the Bank as good for payment towards Earnest Money Deposit.

Should this tender be accepted in whole or in part, we hereby agree to abide by all terms and conditions unless accepted and in case of our failure to commence work as stipulated, the Earnest Money shall remain forfeited to AI Engineering Services Limited. Our tender shall be valid for acceptance for a period of 90 days from date of Date of Technical Bid opening.

Our tender shall be valid for acceptance for a period of 90 days from date of tender opening.

Enclosure details:

EMD DD. No. _____ Drawn on _____ Bank, _____ dated _____
Payable at Mumbai.

OR Bank Guarantee Ref. No. _____ Of _____ Bank, _____ dated _____

OR Valid MSME Certificate in specific category, for exemption of EMD

Signed

Name

For.....

Date.....

Signature & Name of the Bidder/Tenderer with Seal



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REGRET LETTER

(To be sent under Contractor's Letter head)

To,

The Dy. General Manager (Engg-SS)
Engineering Facilities Division,
AI Engineering Services Ltd., OAP
Santacruz(E), Mumbai-400029.

NAME OF PROJECT WORK : REPLACEMENT OF OLD, BURNT RETURN AIR DUCTING / FALSE CEILING BOXING OF AHUs BY PROVIDING NEW GYPSUM / GYPROC BOARDS (12 MM) ALONG WITH ALUMINIUM-POWDER COATED GRILLS ETC AT GRND, 1ST & 2ND FLOOR, COD BOND / BOX STORES, HANGER NO. 4A, ENGG. DEPT, OAP, SANTACRUZ(E), MUMBAI-400029.

Sir,

We regret to inform you that we are unable to quote for the subject tender due to the following reason :

- 1.....
- 2.....

Place : _____

Date : _____

SIGNATURE OF THE BIDDER WITH RUBBER STAMP



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ENGINEERING DEPARTMENT
OLD AIRPORT, SANTACRUZ (EAST), MUMBAI-400029.

TENDER NO : EFD/ 98 / 12 / M / 2023 - 24

Dtd. 01/12/2023

ACCEPTANCE LETTER

To,

The Dy. General Manager (Engg-SS)
Engineering Facilities Division,
AI Engineering Services Ltd.
Santacruz(E), Mumbai-400029.

NAME OF PROJECT WORK : REPLACEMENT OF OLD, BURNT RETURN AIR DUCTING / FALSE CEILING BOXING OF AHUs BY PROVIDING NEW GYPSUM / GYPROC BOARDS (12 MM) ALONG WITH ALUMINIUM-POWDER COATED GRILLS ETC AT GRND, 1ST & 2ND FLOOR, COD BOND / BOX STORES, HANGER NO. 4A, ENGG. DEPT, OAP, SANTACRUZ(E), MUMBAI-400029.

Sir,

We hereby unconditionally accept the tender terms and conditions in its entirety for :

We also confirm that the payment of Earnest Money Deposit has been made in the form of DD and receipt of the same is enclosed where applicable.

We understand that if RATES against each item of BOQ / Schedule of Quantities are not WRITTEN in both FIGURES as well as in WORDS, the tender form will STAND REJECTED.

Place : _____

Date : _____

SIGNATURE OF THE BIDDER WITH RUBBER STAMP



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TENDER NO : EFD/ 98 / 12 / M / 2023 - 24

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UNDERTAKING FOR GST

(FOR WORKS COSTING UPTO RS. 20 LAKHS ONLY)

NAME OF PROJECT WORK : REPLACEMENT OF OLD, BURNT RETURN AIR DUCTING / FALSE CEILING BOXING OF AHUs BY PROVIDING NEW GYPSUM / GYPROC BOARDS (12 MM) ALONG WITH ALUMINIUM-POWDER COATED GRILLS ETC AT GRND, 1ST & 2ND FLOOR, COD BOND / BOX STORES, HANGER NO. 4A, ENGG. DEPT, OAP, SANTACRUZ(E), MUMBAI-400029.

We, M/s _____, having our official
address at _____, are

not covered under the GST Rules, as our turnover is not likely to exceed Rupees

Twenty Lakhs.

We undertake all the responsibility of GST liability of this contract in case we exceed the turnover or gets covered under GST bracket during the execution and completion of this work or any liability of GST imposed on us for the concerned contract.

Place : _____

Date : _____

SIGNATURE OF THE BIDDER WITH RUBBER STAMP



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Dtd. 01/12/2023

UNDERTAKING FOR GST

(FOR WORKS COSTING RS. 20 LAKHS & ABOVE ONLY)

NAME OF PROJECT WORK : REPLACEMENT OF OLD, BURNT RETURN AIR DUCTING / FALSE CEILING BOXING OF AHUs BY PROVIDING NEW GYPSUM / GYPROC BOARDS (12 MM) ALONG WITH ALUMINIUM-POWDER COATED GRILLS ETC AT GRND, 1ST & 2ND FLOOR, COD BOND / BOX STORES, HANGER NO. 4A, ENGG. DEPT, OAP, SANTACRUZ(E), MUMBAI-400029.

We, M/s _____, having our official address at _____, hereby confirm that our GST Registration No. with Central Board of Excise and Customs is _____.

We also confirm that our rates are exclusive of GST and we shall claim the applicable GST separately in our Running/Final bills.

We also undertake the responsibility of payment of GST claimed from AIESL to the appropriate authority of GST and keep AIESL indemnified on this count.

OR

We, M/s _____, having our official address at _____, hereby confirm that we will submit our GST Registration No. with Central Board of Excise and Custom to AIESL before the submission of our 1st R.A. Bill. In case we fail to submit that same, AIESL may with hold our payment.

We also confirm that our rates are exclusive of GST and we shall claim the applicable GST separately in our Running/ Final Bills.

We also undertake the responsibility of payment of GST claimed from AIESL GST to the appropriate authority of GST and keep GST indemnified on this count.

Place : _____

Date: _____

SIGNATURE OF THE BIDDER WITH RUBBER STAMP



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ADDITIONAL CONDITIONS OF CONTRACT

1. **GST**: As per Govt. of India notification, it is mandatory for the Contractor (Service Provider) to pay the GST to Central Excise Department and the same shall be reimbursed by AIESL on production of the documentary proof of payment. It is also notified that the Contractor shall register under GST category & get a registration number from the Central Excise Dept. GOI.
2. Intending Bidders are advised in their own interest to visit the site of work and Familiarize themselves with the site conditions before submitting their quotations.
3. The Contractor will not be entitled for any compensation due to enactment of any law regulation, etc. on account whether the same is/are enforced by state central Govt. during the tenure of the contract. Any other Tax like Sales Tax on works contract, Tax of levy, octroi, excise duty etc. on materials or any elements in respect of this contract shall be payable by the contractor and AIESL will not entertain any claims of contractor, whatsoever in this respect.
4. Rates for all items must cover the cost of all materials, labours, machinery, scaffolding, tools, tackles and all appliances, what so ever necessary for the complete execution of subject work.
5. Mobilization advance shall not be paid by AIESL on any account.
6. Various work permits as applicable for the job with reference of safety precautions will have to be obtained from regulatory sections of AIESL before starting of the various works.
7. The contractor shall adhere to the rules, regulations & instructions of Security Dept AIESL.
8. Every activity in connection with the subject work shall be carried out necessarily with the prior permission of EIC or his representatives.
9. Before commencement of work, contractors are required to fill up and get approval of "work permit" for working at height from competent authorities in daily basis. This is mandatory requirement when workers are working at height more than 5 feet from floor level.
10. Contractors are required to procure adequate numbers of safety harness, helmets etc. duly approved by EIC before commencement of work at his own cost.



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GENERAL TERMS AND CONDITIONS OF CONTRACT

1. Quotation shall be inclusive of all Labour, Materials, tools, tackles, consumables, transportation, welding etc.
2. Applicable GST Shall be quoted extra / in addition to basic cost of the job after discount / buyback / less etc.
3. Contractor shall clear site of all scraps & to be shifted to Scrap yard / designated location at OAP after job.
4. Necessary entry passes/gate passes shall be obtained for Manpower/Material to be taken out / in at AIESL, OAP.
5. Necessary Hot Work Permit/Height Work Permit shall be obtained from AIESL Fire Security for Welding/gas cutting work before commencement of hot work/height work wherever applicable during the entire period of work.
6. Manager SE (EFD - AC / Comp. Section) shall be contacted on (Tel.No.26263806/3669) for required / existing sample / assistance / supervision / joint measurements / entry passes, hot & height permits as applicable for the job.
7. Contactor shall visit site and confirm the job specifications as per sample before submission of tender.
8. Safety/Protective Equipments such as Safety Belts, Helmets, goggles shall be used by workers wherever appl.
9. Necessary co-ordination shall be done with amc holder, ac section, efd & user dept. AIESL for shutdown etc.
10. To avail **EMD Waiver** on subject tender, it is mandatory to submit copy of **UDYAM Aadhaar** with Tender document.
11. The contractor shall complete all contractual obligations (Agreement / W.Compensation policy / All risk policy / Mile stone charts) within 15 days from the date of issue of LOI.
12. The contractor shall ensure the AIESL production is not disturb during the erection & ommissioning period. The contractor shall plan well in advance the activities to be undertaken inside the shop areas.
13. The contractor employees shall not move around in other areas inside the premises.
14. The contractor shall follow all engineering safety procedures / precautions inside the premises during the delivery & erection time.
15. The final payment shall be made to the contractor only on clearing & shifting the complete debris arising out of this erection, to the scrap yard.

I have fully understood the scope of work and agree to abide to above general terms and conditions of the contract.

DATE : _____

PLACE : _____

SIGNATURE OF BIDDER WITH THE RUBBER STAMP



NOTE : GENREAL TERMS & CONDITIONS :-

- 1) Quotation shall be inclusive of all Labour, Materials, tools, tackles, consumables, transportation, welding etc.
- 2) Applicable GST Shall be quoted extra / in addition to basic cost of the job after discount / buyback / less etc.
- 3) Contractor shall clear site of all scraps & to be shifted to Scrap yard / designated location at OAP after job.
- 4) Necessary entry passes/gate passes shall be obtained for Manpower/Material to be taken out / in at AIESL, OAP.
- 5) Necessary Hot Work Permit/Height Work Permit shall be obtained from AIESL Fire Security for Welding/gas cutting work before commencement of hot work/height work wherever applicable during the entire period of work.
- 6) Manager SE (EFD - AC Section) shall be contacted on (Tel.No.26263806/3669) for required / existing sample, assistance / supervision / joint measurements / entry passes, hot & height permits as applicable for the job.
- 7) Contactor shall visit site and confirm the job specifications as per sample before submission of tender.
- 8) Safety/Protective Equipments such as Safety Belts, Helmets, goggles shall be used by workers wherever appl.
- 9) All quantity / Nos./ Rfts length / Sqft areas etc of each item shall be measured at actual after completion of job.
- 10) Necessary co-ordination shall be done with AMC holder, AC/Comp.section, EFD & user dept. AIESL for shutdown etc
- 11) To avail EMD Waiver on subject tender, it is mandatory to submit copy of UDYAM Aadhaar with Tender document.
- 12) **Contact & Address Detail for Delivery of items is as follows:**
 To, Mr. A.D. Pol, Manager SE (Extn. 022-26263806/3669)
 Airconditioning Section, 1st Floor, Engg. Facilities Division (EFD)
 Engg. Dept., OAP, Kalina, Santacruz (East), Mumbai - 400029.

I HAVE FULLY UNDERSTOOD THE SCOPE OF WORK & AGREE TO ABIDE BY ABOVE GENERAL CONDITIONS OF CONTRACT.

FILE : BOQ : REPAIR OF AHU OF IDG CHILLER PLANT

NAME/SIGNATURE & ADDRESS
OF CONTRACTOR WITH SEAL



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ENGINEERING FACILITIES DIVISION
ENGINEERING DEPARTMENT
OLD AIRPORT, SANTACRUZ (EAST), MUMBAI-400029.

TENDER NO : EFD/ 98 / 12 / M / 2023 - 24

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DESCRIPTION & SCOPE OF WORK

NAME OF PROJECT WORK : REPLACEMENT OF OLD, BURNT RETURN AIR DUCTING / FALSE CEILING BOXING OF AHUs BY PROVIDING NEW GYPSUM / GYPROC BOARDS (12 MM) ALONG WITH ALUMINIUM-POWDER COATED GRILLS ETC AT GRND, 1ST & 2ND FLOOR, COD BOND / BOX STORES, HANGER NO. 4A, ENGG. DEPT, OAP, SANTACRUZ(E), MUMBAI-400029.

1. SITE LOCATION :

There are following site locations where subject ducting / false ceiling work is to be done :

- 1.1 Ducting for AHU - 1 at Bond Store, Ground floor, H-4 : As per job description of attached BOQ necessary repair / replacement work of AHU ducting to be done as advised by EIC.
- 1.2 Ducting for AHU - 5 at Bond Store, First floor, H-4 : As per job description of attached BOQ necessary repair / replacement work of AHU ducting to be done as advised by EIC.
- 1.3 Ducting for AHU - 6 at COD Admin, First floor, H-4 : As per job description of attached BOQ necessary repair / replacement work of AHU ducting to be done as advised by EIC.
- 1.4 Ducting for AHU - 8 at Box Store, Second floor, H-4 : As per job description of attached BOQ necessary repair / replacement work of AHU ducting to be done as advised by EIC.

2. PROJECT PLAN & NECESSITY OF WORK :

- 2.1 In view of occupying the Box store, 2nd floor, Hanger no. 4, the fire affected, we received user request for repair & retrofitting of the fire affected AHU return air ducting / boxing. As per request of user department, subject work is decided to carry out through a tender.
- 2.2 The subject work includes removing, scrapping/ disposing off all the Zero value debris / garbages, old ducts/sheets, grills etc out of the AIESL premises & replacing the existing ducting with new Gypsum / Gyproc boards, frames, channels, screw, clip etc as required.
- 2.3 Also party / vendor should carefully remove the old , damage / burnt gypsum sheets, grills etc only, so that the Scope of Work should not exceed above BOQ as mentioned in Tender. Any excess damage if occurred should not be counted in joint measurement & will have to borne by the party free of cost. L1 Bidder will have to complete the job within WO value.
- 2.4 All the vendors/Bidders are requested to visit site & understand the detail Scope of Work.



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- 3. SCOPE OF WORK** : The scope of work and explanatory notes given below are essentially for reference only to assist the contractor to understand the work contents & Any minor modification or changes in plan & site design have to taken in consideration without any extra charges/cost as quoted in the subject attached Tender & Price bid/ BOQ. The Contractors are advised to visit & understand the job, which includes following :
- 3.1** Removing & scrapping of all the old damage / burnt return air ducts / false ceiling & grills etc of AHUs to designated scrap yard before starting the new replacement job as per BOQ.
 - 3.2** Replacement of old, corroded, damaged frame works / ceiling frames, channels, T-grid screw, clip etc new frame works, wherever required for fixing the gypsum sheets & grills.
 - 3.3** Repair of AHU ducting / boxing (size : 28' x 3' x 6'), (area : 300 Sqft appx.) of AHU-1 located at Bond store, grd floor, Hanger no. 4 by using new gypsum/gyproc boards, ceiling frames, channels, T-grid, screw, clip etc as required for complete duct repair work.
 - 3.4** Repair of AHU ducting / boxing (size: 16' x 8' height- 2' & 4') & (size : 25' x 2.5' x 2') having total area of 400 Sqft approximately for AHU-5 located at Bond store, first floor, Hanger no. 4 by using new gypsum/gyproc boards, ceiling frames, channels, T-grid, screw, clip etc as required for complete duct repair work along with return and supply air grills.
 - 3.5** Repair of AHU ducting / boxing (size: 24' x 5') & (area : 120 Sqft appx.) for AHU-6 located near COD Admin office, first floor, Hanger no. 4 by using new gypsum / gyproc boards, ceiling frames, channels, T-grid, screw, clip etc as required for complete duct repair work along with return air and supply air grills with diffuser as required to be fitted.
 - 3.6** Repair of AHU ducting / boxing (size : 265' x 3' x 4') having total area of 2500 Sqft approximately for AHU-5 located at Bond store, first floor, Hanger no. 4 by using new gypsum/gyproc boards, ceiling frames, channels, T-grid, screw, clip etc as required for complete duct repair work along with return and supply air grills with diffuser as required.
 - 3.7** Providing & fixing of high quality linear bar type Aluminium powder coated return air grills (Size: 6' x 6", Appx. Length : 505 Rfts) along with necessary fitting frame, clip etc. These return air grills to be fitted with the existing & new ducting wherever required in above locations during replacement of ducting / boxing with proper fittings & matching.
 - 3.8** Replacement of old, damaged, choked up supply air grills by providing & fixing of new high quality Aluminium extruded 15mm section, duly powder coated with air adjustable damper (Size: 2.5 fts x 6", Appx qty : 15 nos.) along with necessary fitting frame, clip etc. These supply air grills to be fitted with the existing & new ducting wherever required in above locations during replacement of ducting / boxing with proper fittings and matching.
 - 3.9** The party will have to fill the joints of gypsum board /sheets by using white POP / cement & painting of the sheets with white paint using a roller to smooth out the edges & corners.
 - 3.10** The vendor should perfectly match the new gypsum/gyproc sheets with the existing old sheets, which are not damaged and accordingly fixing the new sheets wherever required.



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- 3.11** The final cost / L1 cost will be decided on the basis of **Net Basic cost without GST or Any other Taxes** after considering any discount given / buyback cost of old items if any.
- 3.12** The Major scope & description of work shall include but not limited to detailed design, engineering, project management, procurement, supply, installation, testing & commissioning of the complete air conditioning system , supervision of all commissioning activity, start up, trial run and demonstration of equipment, providing guarantee, test certificates etc as per scope of work and specifications mentioned in this Tender / BOQs.
- 3.13** The Major scope & description of work shall include but not limited to detailed design, engineering, project management, procurement, supply, installation, testing & commissioning of the complete air conditioning system , supervision of all commissioning activity, start up, trial run and demonstration of equipment, providing guarantee as per scope of work & specification as mentioned in the attached BOQ/Price bid (Envelope-II).
- 3.14** AIESL shall provide single point power supply at project site free of cost for normal project activities like welding / Brazing / Cutting / Grinding work as per requirement.
- 3.15** AIESL shall provide water supply / cleaning / draining facility for the the subject work at one point at project site free of cost for testing / commissioning of subject job if required.
- 3.16** AIESL shall provide site for storage of material and establishment of fabrication shop and site office near the project site etc on free of cost for the subject job if required & available.
- 3.17** The contractor shall install all machine/equipment on firm structures as per the equipment manufacturer's recommendations / relevant ISS and as directed by EIC of AIESL, OAP.

4. PRICING :

- 4.1 The PRICE for the scope of work as mentioned under clause 3 shall be as under
- For Supply Contract (Material Cost)
 - For Erection Contract (Labour Cost)

NOTE: The contractor shall clearly spell out the Material & Labour cost separately or as percentage of the total value. Work order shall be released only after arriving at the figures separately for Material Supply & Labour Cost along with applicable GST rates.

- 4.2 The **BASIC Prices / Rates mentioned in the BOO shall be firm, fixed & final** until the execution of the entire work and shall not be subjected to any escalation and changes in basic or GST rates. Any statutory variation with regard to the existing taxes & levies after the issue of LOI /W.O / P.O shall be reimbursed by AIESL on submission of necessary documentary evidence only during billing process after completion of subject the project.
- 5. COMPLETION PERIOD :** The entire project should be completed **within 03 -04 weeks** from the date of issue of W.O. / P.O. Final job completion / commissioning report to be submitted along with necessary Test certificates, Warranty certificates (Min. 1 year) etc to project engineer. Any delay in completion of the project without a valid reason and prior approval of EIC, AIESL, penalty will charge as per clause of **Liquidated Damages u/s 6.**



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6. LIQUIDATED DAMAGES :

6.1 **Liquidated Damages** : For non- completion of the work within the prescribed time, the contractor will be liable to pay the liquidated damages at a **rate of 0.5%** of the contract value for per week of delay subject to a **maximum of 5%** of contract value or the actual value of completed work. Extension of time will be considered /give by EIC AIESL after necessary approval / permission, in case of the delay is not owing to the project contractor.

7. PAYMENT TERMS :

7.1 For Complete project work including Material Cost, Labour / Transport Cost etc :

100 % of the Contract value inclusive of appl GST & deduction of TDS/TCS etc.
Also an amount equivalent to **10% of contract value with GST** will be deducted against Security Deposit (SD) in absence of Bank Guarantee (BG) after completion of the project.

7.2 Payment will be processed as per the Joint measurement and Items mentioned in BOQ.

7.3 All supporting documents such as Joint measurement, Job Completion report, Delivery Challans, eWay Bill, Test Certificates, Warranty card, BG against SD etc to be submitted along with tax invoice after satisfactory testing, commissioning & handing over the project.

8. DEFECTS LIABILITY / WARRANTY PERIOD :

8.1 Defect Liability period shall be **12 months** from the date of commissioning & acceptance. The contractor will be responsible for all maintenance, breakdown repairs, replacements, testing, consumables etc. free of charge during this period.

9. SECURITY DEPOSIT :

9.1 Bank Guarantee towards SD equal to 10% of the total contract value with GST. The Bank Guarantee will be kept valid to cover the entire Defects Liability period of 12 months from the date of acceptance **OR** 10% of the total contract value will be deducted to form the basic amount towards SD, from the 1st bill / final bill whichever be applicable as per EFD.

10. ASSIGNMENT & SUB-CONTRACT :

10.1 Contractor shall not assign or transfer the subject Contract in any case whatsoever. The contractor may enter into sub-contracts, for any part of the scope of work, provided this shall not diminish the contractor's own responsibility for breach of this contract. However AIESL, OAP shall have reserved the right to accept or reject any such sub-contracts at any point without a prior notice.

11. CLEAN UP OF WORKSITE :

Contractor shall not store or place the raw materials, equipment materials of operational or erection equipment's on the driveways and streets and shall take care that his work in no way restricts or impedes the traffic or passage of men/material. During operation, the contractor shall, without any additional payment, at all times keep the working/storage areas used by him free from accumulation of loose or combustible materials, waste materials or rubbish, to avoid fire hazard and hindrance to other works of AI Engineering Services Ltd.



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12. In case the Contractor fails to comply with these requirements in spite of written instructions from AI Engineering Services Ltd, AI Engineering Services Ltd will proceed to clear those areas and the expenses incurred by AI Engineering Services Ltd in this regards shall be payable by the Contractor. Before completion of the work, the Contractor shall remove or dispose of in a satisfactory manner all scaffolding, temporary structures, waste and debris and leave the premises in a condition satisfactory to AIESL, Mumbai-29.
13. Any packing material received with the raw material, equipment shall remain for the performance of the work on payment of standard charges to AI Engineering Services Ltd and with prior approval of AIESL. At the completion of work and before the final payment, the contractor shall remove from site all debris and shall restore the site in a workman like condition at his own cost.

14. GENERAL CONDITIONS AT WORKSITE:

- 14.1 The Contractor shall safely transport the raw material/equipment to the storage area and store the same in a systematic manner with tags for easy identification and retrieval. The contractor shall also maintain all required stores and furnish all required reports.
- 14.2 For full completion of the work, the Contractor shall, at his own expense, furnish all necessary protective equipment, appliances, materials, for treating, testing that may be required to accomplish the work under contract unless otherwise provided for.\
- 14.3 AI Engineering Services Ltd or any person appointed by AI Engineering Services Ltd or any Govt. agency shall have the access and right to inspect the work, or any part thereof, at all times and places during the progress of the work. The inspection and supervision are for the purpose of assuring AI Engineering Services Ltd that the procedure and specification are being properly executed. Any work which proves faulty shall be corrected by the Contractor without delay. The fact that AI Engineering Services Ltd or any of their representatives have not pointed out the faulty work or work which is not in accordance with the procedure and specifications shall not relieve the Contractor from correcting such work as directed by the EIC without additional compensation.

15. WITHHOLDING THE PAYMENTS :

AI Engineering Services Ltd may withhold part or whole of any payment due to the Contractor, which in opinion of AIESL, Mumbai is necessary to protect himself from loss on account of :

- a. Defective work not remedied or guarantees not met
- b. Claims filled against contractor
- c. Failure by Contractor to make the due payment for material supplied or labour employed.
- d. Any harm or damage caused to the property of another contractor, or any property owned by AI Engineering Services Ltd.
- e. Failure to meet the mutually agreed schedules.



AI ENGINEERING SERVICES LIMITED
(A WHOLLY OWNED SUBSIDIARY OF AIAHL, GOI)

ENGINEERING FACILITIES DIVISION
ENGINEERING DEPARTMENT
OLD AIRPORT, SANTACRUZ (EAST), MUMBAI-400029.

TENDER NO : EFD/ 98 / 12 / M / 2023 - 24

Dtd. 01/12/2023

NAME OF PROJ. WORK : REPLACEMENT OF OLD, BURNT RETURN AIR DUCTING / FALSE CEILING BOXING OF AHUs BY PROVIDING NEW GYPSUM / GYPROC BOARDS (12 MM) ALONG WITH ALUMINIUM-POWDER COATED GRILLS ETC AT GRND, 1ST & 2ND FLOOR, COD BOND / BOX STORES, HANGER NO. 4A, ENGG. DEPT, OAP, SANTACRUZ(E), MUMBAI-400029.

DECLARATION

1. I/We hereby declare that I/We have read and understood the Conditions of Contract, Specifications, drawings, Schedule of Quantities etc. and hereby agree to abide by them. In token thereof I/We have signed below and at the end of Schedule of Quantities. I/We also understand that otherwise this tender is liable to be rejected.
2. I/We understand that our Tender will not be considered, if the rates for items are not written both in FIGURES AND WORDS.
3. I/We hereby confirm that only the relevant entries asked for have been made within the Tender documents issued to us. I/We also confirm that in the even of any entry in this Tender document, other than the relevant entry, shall -make this Tender invalid.
4. I/We agree to submit to AIESL necessary reports and returns as required for compliance of regulations.

Place: _____

Date : _____

SIGNATURE OF THE BIDDER WITH RUBBER STAMP



AI ENGINEERING SERVICES LIMITED

**ENGINEERING FACILITIES DIVISION
ENGINEERING DEPARTMENT**

TENDER NO. QW/98/12/M/2023/4

Date: 01/12/2023

DATA TO BE FURNISHED BY BIDDER / TENDERER

The Bidder / Tenderer is required to furnish following data and give undertaking on the enclosed format as under ;

- 1. Estimated value of Material and Labour component involved.
Payment to the Labour involved will be at the Minimum rate of Rs. 225 per day per workman.
- 3. In the event of any demand from E.S.I./P.F. Authorities, such demand will be met by the Bidder / Tenderer.
- 4. Every Bidder / Tenderer will submit his Tender in TWO ENVELOPES as under:
 - a) Envelope marked as No. 1 shall contain:-
 - i) Earnest Money Receipt / Bank Guarantee.
 - ii) Undertaking as given in Item No. 1 to 3.
 - iii) Tender Form.
 - iv) Deviations, if any.
 - v) Commercial details.
 - vi) General Conditions of Contract.
 - b) Enveloped marked as No. 2 shall contain only the Schedule of Quantities.

Note : Please note that if the required information in TWO SEPARATE ENVELOPES as mentioned above is not submitted, the offer will be rejected.

Encl.: As above *[Signature]*
7/12/23

[Signature]
DY. GEN MANAGER
EFD/ENGG.

To,
Dy. General Manager,
EFD / ENGG.,
AIESL.

As required by you, we have furnished all the above information in TWO SEPARATE ENVELOPES Marked as No. 1 and No. 2.

Place : _____

Date : _____

Signature & Name of the Bidder/Tenderer with Seal



AI ENGINEERING SERVICES LIMITED
ENGINEERING FACILITIES DIVISION
ENGINEERING DEPARTMENT

TENDER NO. 98/12/m/2024

Date: 01/12/2023

UNDERTAKING BY A BIDDER / TENDERER
TO BE ATTACHED WITH THE OFFER AND PUT IN ENVELOPE MARKED NO. 1

To,
Dy. General Manager,
Engg. Facilities Division,
AIESL,
Santacruz (East),
MUMBAI - 400 029.

1. Estimated value of Material and Labour component involved will be as follows :-
 - a) Material : % of Net Quotation
 - b) Labour : % of Net Quotation
2. Payment to the labour involved will be made by us at the Minimum rate of Rs. _____ per day per workman.
3. In the event of any demand from E.S.I./P.F. Authorities, such demand will be met by us.

Signature & Name of the
Bidder/Tenderer with Seal

Place : _____

Date : _____



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ENGINEERING FACILITIES DIVISION
ENGINEERING DEPARTMENT
OLD AIRPORT, SANTACRUZ (EAST), MUMBAI-400029.

TENDER NO : EFD/ 98 / 12 / M / 2023 - 24

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DEVIATION SHEET

NAME OF PROJ. WORK : REPLACEMENT OF OLD, BURNT RETURN AIR DUCTING / FALSE CEILING BOXING OF AHUs BY PROVIDING NEW GYPSUM / GYPROC BOARDS (12 MM) ALONG WITH ALUMINIUM-POWDER COATED GRILLS ETC AT GRND, 1ST & 2ND FLOOR, COD BOND / BOX STORES, HANGER NO. 4A, ENGG. DEPT, OAP, SANTACRUZ(E), MUMBAI-400029.

S/NO.	DESCRIPTION OF DEVIATION FROM THE TENDER

Place: _____

Date : _____

SIGNATURE OF THE BIDDER WITH RUBBER STAMP



AI ENGINEERING SERVICES LIMITED
ENGINEERING FACILITIES DIVISION
ENGINEERING DEPARTMENT

SAFETY NORMS

The following norms are to be observed by the Contractor for the construction, installation and erection jobs at the Client's Projects Site.

As a part of the contract you must satisfy the under mentioned safety requirement and must ensure at all times that these are followed without deviation:-

Smoking is strictly prohibited in areas with combustibles or flammable and other areas where smoking is prohibited.

Any hot job (welding, soldering, gas cutting etc.) however minor it may be or any job which involves open flame or using a hot source or temporary electrical connections shall not be done without prior permission from AIESL. You are not permitted to carry out any hot job on holidays, Saturdays and Sundays without prior permission in writing.

It is entirely your responsibility to see that safety applications such as safety belts, lifelines helmets, etc. depending on the jobs are provided by you. Your supervisors shall ensure that they are used. If you need any suggestion on the matter you can approach AIESL but any lapse or matters or safety will be viewed seriously.

All equipments used carrying out work shall be rendered safe. No equipments such as ladders, tractors, cranes, etc. or welding sets or any tools which belong to the AIESL shall be used by you unless specifically mentioned in writing in the terms of contract. Notwithstanding these it is obligatory on your part, to verify the quality and safety aspects of such hot plant, machinery or tools so that no injury or accident will occur when used in the expected manner. Should any incident occur you are entirely responsible for it including compensation that may arise out of the incident.

You must clearly bear in mind that a competent supervisor shall always be on site when your men are at work, lapse on this point shall be viewed seriously irrespective of occurrence of any incidents.

You shall ensure that safety precautions expected of your professional work are completely understood by your supervisors and workers and that these are followed. You shall also ensure that in every job that you do taking cognizance of varying site conditions. Your staff are completely knowledgeable about the hazards and dangers associated with the work for which due alertness and safe working methods shall be followed.

Site work is quite different from work in an organised workshop. You shall bear this point in mind so that proper work methods to protect you staff from any danger can be evolved.

You are not permitted to carry out work with in the premises of this AIESL which otherwise under conditions of contract are expected to be carried out in your premises.

Your materials which are flammable combustible must under no circumstances be stored in any of our workshops or building or near aircraft. You shall make arrangements of temporary sheds so located that a fire in such a shed shall not involves any of the AIESL property.

Supervisors and field staff do not know the seriousness of consequences of going near aircraft under run-up. You are responsible to see that out of curiosity of lack of after ness while going in a vehicle or otherwise people do not approach an aircraft under run-up.

Precautions During Welding

The contractor must equip himself with an earthing cable without joints.

AIESL electrical connections must be firm to eliminate sparking. Circuit must be protected by fuse.

There should be no flammable material nor any spillage of such material in the locations of work spot.

There should be no joint in the phase side conductor cables.

If the welding is to be carried out in the vicinity of aircraft, separating, distance should not be less than 150 feet.

Welding job should not be carried out directly above the aircraft.

The welding work carried out in workshop should be under the personal supervision of Engineering Facilities Division Supervisor.

The said Supervisor, should inform the related workshop (e.g. COD, AOD etc.) that the welding job could be carried out.

The Contractor's staff would be appraised of the hazards of

- i) being near to an engine under run and
- ii) not following smoking restrictions

The above should also be conveyed in writing to concerned contractor.

Additional Precautions & Instructions

The Contractor should ensure to arrange due supervision to avoid accident and cause of accident.

The Contractor must be careful regarding "SAFETY FIRST" during working and, in Corporations premises.

Each hot job that may ne carried out particularly beyond office hours or on Holidays must have prior concurrence from a responsible authority of the rank of not below Technical Officer form (E. F. D.)

The Contractor must ensure provision of adequate fire fighting capacity to deal with fires at incident state itself, such provision should not be less than of 2 gallon foam extinguishers properly maintained by them. The staff should know the uses of the above mentioned fire extinguishers.

Jobs will be carried out only after obtaining a daily work permit from the client.

1. General

- a. All workers to wear helmets at the construction site. To be provided by the contractor.
- b. All workers to wear footwear. To be provided by the contractor.
- c. All workers to wear suitable clothing for the job required eg.: welders to have leather aprons white welding and gloves to protect from the heat. To be provided by the contractor.

- d. All workers to be familiarised by the contractor the safe methods of operating and procedures in case of an emergency.
- e. All workers to attend a class to be held by the Client's engineers to familiarise the safety aspects of site.
- f. All scaffolding to be used should be of steel pipes and with adjustable clamps. To be provided by the contractor.
- g. All workers must be covered under the workmen compensations act. A suitable insurance policy to be taken and original copy to be kept with AI Engineering Services Ltd. All statutory regulations etc. to be observed by the contractor, and in case of any non compliance the Client must be indemnified by the contractor.
- h. Where applicable, provident fund records to be kept at site.
- i. All wage records to be kept at site and payments to be as per the min wages act.
- j. Working in green field sites poses a problem of snake bites. Snakes serums to be kept at site. Refrigeration will be provided by client, if needed.
- k. Chipping etc. to be done wearing protective eye glasses.
- l. Min. 5 nos. of fire extinguishers to be provided by the contractor.
 - 1. 1 No. of soda acid type for wood / paper type fires.
 - 2. 1 No. of dry power type fire extinguishers.
 - 3. 1 No. of CO2 type fire extinguishers.
 - 4. Two buckets of sand /water, preferably sand.
- m. All unsafe incidents and occurrences will be reported to the site engineer immediately.

2. Working at heights :

- a. Only workers capable of scaling heights should be deputed to do the jobs.
- b. All scaffolding to be made of steel pipes and with adjustable steel clamps. This should be tested and certified by the site supervisor of the contractor and Client's site supervisor / Engineer to confirm the same. If possible use A crow make scaffolding.
- c. Bamboo / wooden ladders to be checked for missing rungs and the fitness of the ladder should be certified by the engineer at site.
- d. All ladders to be tied at the top end, to prevent the slipping of ladders.
- e. All workers at height to wear nylon safety belts, as approved by AI Engineering Services Ltd. The other end of the belt to be hooked to a structural member of the building.
- f. While working on sloping roofs, nylon nets to be provided below to catch falling objects.

- g. Men working heights, should be provided with holsters for keeping hand tools for easy retrieval and will leave both hands free for climbing.
- h. As far as possible, mechanise the upward movement of materials, so that head load can be avoided.
- i. Daily Permit from AIESL to be obtained for working at heights before beginning of work.

3. Electricals

- a. All electrical equipment brought to site, should be checked by the factory / site electrical supervisory staff of the Client, for the suitability of the equipment and certified by them. These certificates should be prominently displayed on the equipment.
- b. All electrical equipment to be property earthen.
- c. The distribution board to have an ELCB of 30 ma capacity to be provided for the hand tools circuits.
- d. All connections through the distribution board to be made with a plug and socket and no loose wires, with wooden splinters.
- e. All hand tools to be earthen.
- f. All welding equipment to be provided with a cutout switch. The welding cables should of adequate length for the earthing of the job and usage of rods etc. is not permitted.
- g. All wires /cables to run only above ground level at a height of min. 2.5 m.
- h. All outdoor light fixtures left unattended for the night time work must be checked for water tightness.
- i. While working with operating equipment they should be disconnected electrically and the fuses to be handed over to the supervisor for safe keeping.

4. Vehicular traffic : (Applicable to vehicle owned by the contractor)

- a. All vehicles delivering the goods must be driven by licenced driver.
- b. Cleaners not to drive.
- c. The vehicle must be in good condition.
- d. Unsafe acts like carrying people on running boards etc. should be avoided.
- e. When outside vehicles come the contractor to ensure safe discharge of goods and send out immediately.
- f. Wherever possible all heavy machinery and equipment to be unloaded using a crane, or a derrick.



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ENGINEERING FACILITIES DIVISION
OLD AIRPORT, SANTACRUZ (EAST), MUMBAI-400029.

TENDER NO : EFD / 98 / 12 / M / 2023 - 24

Dtd. 01/12/2023

ELIGIBILITY CRITERIA

The Contractors, who wish to participate in the subject tender process should indicate their acceptance for the following along with the relevant documents for Technical Qualification :

- 1) Be a registered firm under Companies Act and should have copy of PAN & GSTN with same name. Also other relevant documents to be submitted with Tender as required by AIESL.
- 2) Latest **Solvency Certificate** from a Nationalized /Scheduled Bank of Minimum Rs 4.5 Lacs.
- 3) Be ready to obtain license issued by Assistant Labour Commissioner (Central) if applicable.
- 4) Be ready to submit Workmen Compensation (WC) Policy for all workers working at site.
- 5) Have a **registered office in Mumbai/Thane/Navi Mumbai Municipal Limits** with telephone and internet connectivity to coordinate and monitor day-to-day operation and maintenance works & be ready to be present at OAP with short notice to attend any administrative matter.
- 6) Have experience in working similar type of related contracts / projects in the **last 5 years** in Govt. Departments / Public Sector Undertakings / Industrial Establishment as below :
 - i) Three similar completed jobs costing not less than 40% of estimated cost i.e. Rs. 1,80,000/-
 - ii) Two similar completed jobs costing not less than 50% of estimated cost i.e. Rs. 2,25,000/-
 - iii) One similar completed job costing not less than 80% of estimated cost i.e. Rs. 3,60,000/-
- 7) Interested parties are advised to go through the tender document attached with this invitation and be ready to carry out job as per details provided in the tender. An undertaking in this respect shall be attached with the technical bid as per the given format.
- 8) Undertaking that specifies party's willingness to carry out job as per tender specifications.
- 9) Application for tender with all the documents required should be submitted in the following address on scheduled date.

To'
Dy. General Manager-Engg.(SS)
Engineering Facilities Div. AIESL.
Old Airport, Santacruz(E), Mumbai-29.
Ph. 022 - 2626 - 3519 / 022 - 2626 3669.
Mail : ajay.ramani@aiesl.in / pk.kusum@aiesl.in
- 10) Alternatively, bidders can download tender from AIESL official website at www.aiesl.in
Documents pertaining to all the above eligibility criteria shall be submitted with Tech Bids.
- 11) Price bids of Parties meeting all the eligibility criteria, **ONLY**, shall be opened by EFD.
- 12) The decision regarding eligibility of bidders will be final and at the sole discretion of EFD-Engg. AI Engineering Services Ltd. OAP, Kalina, Santacruz (E), Mumbai - 400029.



AI ENGINEERING SERVICES LIMITED
ENGG. FACILITIES DIVISION/ENGG. DEPT.

TENDER NO. EFD / 98 / 12 / M / 2023-24

Date : 01.12.2023

ESTIMATED COST : RS. 4,50,000/- + GST as applicable

SUB: REPLACEMENT OF OLD, BURNT RETURN AIR DUCTING / FALSE CEILING BOXING OF AHUs BY PROVIDING NEW GYPSUM / GYPROC BOARDS (12 MM) ALONG WITH ALU-POWDER COATED GRILLS ETC AT GRND, 1ST & 2ND FLOOR, COD BOND / BOX STORES, HANGER NO. 4A, ENGG. DEPT, OAP, SANTACRUZ (E), MUMBAI - 29.

BILL OF QUANTITIES

S/N	JOB DESCRIPTION	QTY	RATE	AMOUNT
(A)	GROUND FLOOR, BOND STORE, AHU - 1, HANGER NO. 4A			
1	REMOVING & SCRAPPING OF ALL DEBRIS, DUCTING SHEETS ETC OUT OF AIESL.	1 JOB		
2	REPLACEMENT OF AHU DUCTING / BOXING (AREA : 28' X 3' X 6') USING GYPSUM BOARDS, CEILING FRAMES, CHANNELS, T-GRID, SCREW, CLIP ETC AS REQUIRED.	300 SQFT		
3	PROVIDING & FIXING OF ALU-POWDER COATED RETURN AIR GRILL (SIZE: 6' X 6").	55 RFTs		
4	PROVIDING & FIXING OF NEW ALU-EXTRUDED 15MM SECTION, DULY POWDER COATED SUPPLY AIR GRILLS WITH AIR ADJUSTABLE DAMPERS (SIZE: 2.5' X 6").	2 NOS.		
(B)	1ST FLOOR, BOND STORE, AHU - 5, HANGER NO. 4A			
5	REMOVING & SCRAPPING OF ALL DEBRIS, DUCTING SHEETS ETC OUT OF AIESL.	1 JOB		
6	REPLACEMENT OF DAMAGED HOR. FALSE CEILING (H. AREA: 16' x 8' HT- 2' & 4') USING GYPSUM BOARDS, CEILING FRAMES, T-GRID, SCREW, CLIP ETC ALL AS REQ.	200 SQFT		
7	REPLACEMENT OF AHU DUCTING / BOXING (AREA : 25' x 2.5 x 2') USING GYPSUM BOARDS, CEILING FRAMES, CHANNELS, T-GRID, SCREW, CLIP ETC AS REQUIRED.	200 SQFT		
8	PROVIDING & FIXING OF ALU-POWDER COATED RETURN AIR GRILL (SIZE: 6' X 6").	50 RFTs		
9	PROVIDING & FIXING OF NEW ALU-EXTRUDED 15MM SECTION, DULY POWDER COATED SUPPLY AIR GRILLS WITH AIR ADJUSTABLE DAMPERS (SIZE: 2.5' X 6").	3 NOS.		
(C)	1ST FLOOR, COD ADMIN OFFICE, AHU - 6, HANGER NO. 4A			
10	REMOVING & SCRAPPING OF ALL DEBRIS, DUCTING SHEETS ETC OUT OF AIESL.	1 JOB		
11	REPLACEMENT OF OLD FALSE CEILING (AREA : 24' X 5') USING GYPSUM / GYPROC SHEET, CEILING FRAMES, CHANNELS, T-GRID, SCREW, CLIP ETC AS REQUIRED.	120 SQFT		
(D)	2ND FLOOR, BOND / BOX STORE, AHU - 8, HANGER NO. 4A			
12	REMOVING & SCRAPPING OF ALL DEBRIS, DUCTING SHEETS ETC OUT OF AIESL.	1 JOB		
13	REPLACEMENT OF AHU FALSE CEILING (AREA : 265' x 3' x 4') USING NEW GYPSUM / GYPROC SHEET, CEILING FRAMES, CHANNELS, T-GRID, SCREW, CLIP ETC AS REQ.	2500 SQFT		
14	PROVIDING & FIXING OF ALU-POWDER COATED RETURN AIR GRILL (SIZE: 6' X 6").	400 RFTs		
15	PROVIDING & FIXING OF NEW ALU-EXTRUDED 15MM SECTION, DULY POWDER COATED SUPPLY AIR GRILLS WITH AIR ADJUSTABLE DAMPERS (SIZE: 2.5' X 6").	10 NOS.		
16	REPLACEMENT OF OLD, CORRODED FRAME WORKS, CHANNEL ETC AS REQUIRED.	1 JOB		
17	FILLING OF JOINT OF SHEETS WITH POP AND PAINTING OF NEW SHEET WITH WHITE PAINTS USING A ROLLER TO SMOOTH OUT ALL THE EDGES & CONERS.	1 JOB		
	TOTAL AMOUNT (BASIC) IN FIGURE :		RS.	
	ADD GST AS APPLICABLE :		RS.	
	GRAND TOTAL INCLUSIVE OF GST :		RS.	
	TOTAL AMOUNT IN WORDS :		+ GST AS APPL.	
NOTE	All quantities / Rfts length / Sqft areas etc of each line item shall be measured at actual after completion of the job. All Vendors are advised to visit the site to understand the job specification & scope of work before submitting tender. All the Zero value debris / garbages have to be disposed off out of AIESL premises at their own cost & arrangements.			

NAME/SIGNATURE & ADDRESS OF CONTRACTOR WITH SEAL



AI ENGINEERING SERVICES LIMITED
ENGINEERING FACILITIES DIVISION
ENGINEERING DEPARTMENT

EF/FM/PU/24

Tender No.: _____

Date : _____

Commercial Details to be submitted by Bidder with price bid (Envelope No. 2)

Note : The bidder must submit this sheet duly filled in and signed, else the bidder's offer may be rejected.

S. No.	Commercial details / cost break up, as applicable	Included in quoted rates and has been considered as Amount or _____ %	Not Included in quoted rates and payable extra as Amount or _____ %	
1	Packing and forwarding charges, if any.			
2	Central Excise duty / Surcharge, if any.			
3	C.S.T. / S.T. / Surcharge, if any.			
4	Octroi Levy			
5	Work Contract Tax			
6	Any other tax / duty / levy			
7	Charges for Transport and transport insurance for delivery at AI Engineering Services Ltd. site / store, as applicable.			
8	Any charges for loading / unloading / storing / shifting to site / erection, as applicable			
9	Charges for training to operators or Maint. Staff of AI Engineering Services Ltd. as applicable.			
10	Any other charges for			
11	Charges for Contract formalities like insurance premia, Agreement and Bank Guarantee etc. as applicable.			
12	Less Discount offered, if any.			
	Total			
13	Work Completion period	_____ weeks from date of Issue of Work Order.		
14	Validity of tender / quote	90 days from the date of tender of opening		
15	Terms of payment	Agreeable to Payment Terms as specified by AI Engineering Services Ltd. in tender documents		
16	Condition of price variation, if applicable any. Bidder to furnish details thereof.			
17	Performance Guarantee	18 months from the date of delivery of material at site OR 12 months from the date of commissioning and handing over of completed work, whichever is earlier.		
18	After sales service backup at Mumbai, as applicable			
19	Location where the spares will be available at Mumbai, as applicable			

Job No. 136 / 02

Place : _____

Date : _____

Signature & Name of the Bidder/Tenderer with Seal