

Sub: Proposal for Setting up Permanent Scrap Yard at AIESL MRO, Trivandrum

The above tender is invited as per the timeline given below:

Sl.No	Description	Date
01	Submission of sealed bids up to 1100 hrs	27/07/2022
02	Opening of Technical bids at 1130 hrs	28/07/2022
03	Opening of Price bid at 1130 hrs (change of date will be notified if any)	29/07/2022

The tenders shall be submitted in the office of **“MATERIAL MANAGEMENT DEPARTMENT, AIESL MAINTENANCE HANGAR, AI ENGINEERING SERVICES LTD, OPP. KSEB OFFICE,CHAKKAI, TRIVANDRUM 695007 “**

For Inquiries contact:

Mr. Marikumar, Incharge, EFD,AIESL, Trivandrum - : 0471 2787114 / 9074735297

Mr. Sreeraj J, MMD, AIESL, Trivandrum – Ph: 0471 2787116 / 9048426686

Mr. Jomon Jose, MMD, AIESL, Trivandrum – Ph: 0471 2787116 / 9496281497

NOTICE INVITING TENDERS

Dear sir/s,

Sub:- Proposal for Setting up Permanent Scrap Yard at AIESL MRO at TRV

1) Sealed Tenders in two bid system arqqe hereby invited on behalf of AI Engineering services Ltd for the subject work , as per details given below:

- E.M.D. : Rs. 20000/-
- Time of completion : 60 Days

2) Eligibility Criteria :

- a. List of similar Projects completed during last 5 years along with copy of the work orders, Client's Completion certificate, etc. (at least one work of 80% of the estimated cost (OR) 2 works of 60% of the estimated cost (OR) 3 works of 40% of the estimated cost, each work completed during the last 5 years). The original WO and Client's Completion certificate shall be produced on demand during the evaluation of technical bid.
- b. List of similar Projects in Hand, along with copy of W.O (Minimum one project of similar nature)
- c. Audited Balance sheet and Profit and loss Account Report for last 3 Years i.e. ending 31st March 2022.
- d. Permanent Account Number (PAN)
- e. GST Registration details as applicable
- f. Current solvency Certificate from Nationalized / scheduled banks.

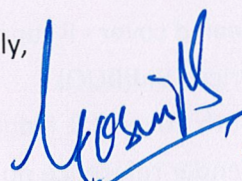
- 3) The Contract documents consisting of Bills of quantities , Form of Tender, Conditions of Tender, Conditions of Contract, Tender Drawings etc., can be downloaded from the website www.aiesl.in>Tender
- 4) The duly filled in Tenders signed on all pages to be submitted as follows:
SealedCover -I superscribed as 'Name of work' Cover -I and shall contain the following:
 - Supporting documents against eligibility criteria
 - Unconditional acceptance letter
 - EMD (DD/Pay order from any scheduled bank in favour of AI Engineering services Ltd, Trivandrum)
 - Sealed cover - II superscribed as "Name of work ", & should contain only Priced Bid(BOQ)
 - Both Covers I & II duly sealed shall be superscribed with the name of work. Tender reference no, the name and complete address of the Tenderer, shall be put into a master envelope and sealed. The Master envelope should also be superscribed with the name of work and tender reference no, the name and complete address of the Tenderer.
 - The sealed Tenders (Cover - I & II) shall be submitted in the Office of Material Management Department, AI Engineering services Ltd, Chakkai, Thiruvananthapuram - 695007 as per the instructions given below.
- 5) The Price Bid will be valid for 3 months from the date of submission of Tender
- 6) No consideration will be given to a Tender received after the time stipulated above and no extension of time will normally be allowed for submission of the Tender.
- 7) The time allowed for the completion of the work is 60 days from the 15th day after the date of written order to commence the work or handing over the site whichever is later . Time shall be essence of the contract.
- 8) Every Tender shall be accompanied by a Earnest Money Deposit of Rs. 20000 to be submitted in the form of a DD in favor of AI Engineering Services Ltd, Trivandrum. The Tender not accompanied by such Earnest money are liable to be rejected straight away. (E.M.D in any other form is not accepted.)
- 9) The earnest money will be retained in the case of the successful tenderer as part of the Security deposit for the due fulfillment of the contract and will be refunded without any interest thereon to the unsuccessful Contractor/s as soon as the Employer takes a decision on the tender or after the expiry of the validity period of the Tenders whichever is later.

Tender No: AIESL/TRV-MRO/MMD/04-93

Date: 15.07.2022

- 10) The Tenderer will submit his Tender after carefully examining the whole of the Tender documents and the conditions of Tender and of contract, the drawings and the specifications, Bill of Quantities etc after inspecting the site.
- 11) Canvassing in connection with the Tender is strictly prohibited and Tender submitted by the Tenderers who report to canvassing is liable to be rejected.
- 12) Tenders not fulfilling any or all of the conditions prescribed or which are incomplete are liable to be rejected.
- 13) List of approved make/manufacturers shall be taken in to consideration while quoting the price.
- 14) AIESL is not liable to accept any or all the Tenders and reserves the right to accept or reject any Tender without assigning any reasons.

Yours Faithfully,



GM Engg
TRV-MRO, AIESL

Signature of the contractor:

Address:

Date

I /We agree to comply with all terms and conditions
Signature and Stamp of Bidder

Tender No: AIESL/TRV-MRO/MMD/04-93

Date: 15.07.2022

ACCEPTANCE LETTER

To
The CMM,
AI Engineering services Ltd, Trivandrum

Sir,

We hereby unconditionally accept the tender terms and conditions in its entirety for tender No:
AIESL/TRV-MRO/MMD/04 -93 Dt: 15/07/2022

We also confirm that payment of Earnest money deposit has been made in the form of demand draft and receipt of the same is enclosed where applicable.

We understand that if the rates against each item of schedule of quantities are not written in both figures as well as words, the tender will stand rejected.

Date:

Signature of the tenderer with rubber stamp :

I /We agree to comply with all terms and conditions
Signature and Stamp of Bidder

UNDERTAKING FOR GST HSN / SAC Code

Name of work: **Proposal for Setting up Permanent Scrap Yard at AIESL MRO, Trivandrum**

I/ We _____ having our official address at _____ hereby confirm that our registration number with central board 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 AI Engineering services Ltd to the appropriate authority of GST. AI Engineering services Ltd shall not bear any liability whatsoever for any failure on our part to make said payments as may be requires from time to time and we undertake to keep AI Engineering services Ltd indemnified on this count

OR

I / We _____ having our official address at _____ hereby confirm that we will submit our GST registration number with central board excise and custom to AI Engineering services Ltd before the submission of our bill.

In case we fail to submit that same, AI Engineering services Ltd may withhold our payment. We also confirm that our rates are exclusive of GST and we shall claim the applicable GST separately in our bill. We also undertake the responsibility of payment of GST claimed from AI Engineering services Ltd to the appropriate authority of GST. AI Engineering services Ltd shall not bear any liability whatsoever for any failure on our part to make said payments as may be requires from time to time, and we undertake to keep AI Engineering services Ltd indemnified on this count.

Place:

Date:

SIGNATURE & SEAL OF THE CONTRACTOR

Tender No: AIESL/TRV-MRO/MMD/04-93

Date: 15.07.2022

REGRET LETTER

(To be sent under Contractor's Letter head)

To,
The CMM,
AI Engineering services Ltd
Trivandrum.

Name of work:- Proposal for Setting up Permanent Scrap Yard at AIESL MRO, Trivandrum

Tender no: AIESL/TRV-MRO/MMD/04 -93

Dt: 15/07/2022

Sir,

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

- 1)

- 2)

SIGNATURE OF THE CONTRACTOR WITH RUBBER STAMP

Date:

I /We agree to comply with all terms and conditions
Signature and Stamp of Bidder

CONTRACT ADMINISTRATIVE PROFORMA

Sub : Proposal for Setting up Permanent Scrap Yard at AIESL MRO, Trivandrum

1.This tender shall consist of the following documents:

- Tender Notice
- Contract administration pro-forma
- Conditions of contract ; (may refer on our website under www.aiesl.in > tenders)
- Specifications of works
- Additional conditions
- Schedule of quantities
- Scrap yard drawing

2.The tenderer is required to deposit a sum of Rs 2000/- (Rupees Twenty thousand only) as earnest money in the form of Demand Draft / Bank Gaurantee payable to AI Engineering services Ltd at Trivandrum.

3.The completed priced quotation documents sealed in Cover will have to be deposited in the office of MMD, AI Engineering services Ltd, AI Engineering Maintenance Hangar, Chakkai, Trivandrum 695007, on or before 1100hrs on 27/07/2022. The tenders will be opened as per the Time line given in the Tender notice.

4. In case the tenderer does not wish to quote for the work, he may please send a regret letter on the date of opening of the tender.

5. EARNEST MONEY / SECURITY DEPOSIT

- Earnest Money deposit : Rs 20,000/-
- Total security Deposit : 10 % of contract value

6. Percentage permitted in rate analysis for extra / deviated items to cover overheads and Profits: 20%

DECLARATION

I/ We hereby confirm that in the event of any entry in this tender document, other than the relevant entry, shall make this tender invalid.

Date :

Signature of the tenderer with Rubber stamp.

I /We agree to comply with all terms and conditions
Signature and Stamp of Bidder

PAYMENT DETAILS

1. LIQUIDATED DAMAGES: 1% of the Contract value for every week subject to maximum of 10% of the Contract value.

2. PAYMENT TERMS:

- Payment will be made within 30 days after submission of the Original Invoice.

Documents to be submitted after issue of LOA:

A copy of the Work man Compensation policy to be submitted by the Contractor to the Employer before the commencement of the work.

SPECIAL CONDITIONS OF CONTRACT

1. COMMERCIAL TERMS

A. Rate finalized / approved shall be

- Valid anywhere in Trivandrum
- Valid till the completion of entire work
- Firm irrespective of quantities executed in site inclusive of all basic materials escalations like fuel/commercial. AI Engineering services Ltd may supply construction water/power from the nearest source and the contractor shall be charged as per the Conditions of Contract. And shall be inclusive of all duties, all taxes except GST , PF, ESI payments etc
- No escalation will be paid
- Taxes shall be deducted at source as applicable.

Note:- Quantities indicated in the Bill of Quantities are approximate and it may vary to any extent as per the site conditions, drawings. The unit rates quoted by the Tenderer shall be firm for the entire duration of the contract. No claim shall be entertained on this account.

2. STATUTORY NORMS

A) The Contractors shall ensure the following:

- They/their staff who shall be deployed on the site have valid Technical/Skill Licenses issued by appropriate Govt. Authorities like Supervisors/Wiremen Licenses.

B) The Contractor shall inform the PAN, GST registration numbers of their Firm to the employer along with quote.

Signature of the Tenderer

Address:

Date:

I /We agree to comply with all terms and conditions
Signature and Stamp of Bidder

ADDITIONAL CONDITIONS

1. **Bidders should quote their rates of individual items and for rebate offered in figures as well as in words. Incomplete quotation in any form shall be rejected.**
2. For “Conditions of Contract” and Standard Specifications Contact EIC, AIESL
3. 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.
4. Rates for all items must cover the cost of all appropriate materials, labour, machinery, scaffolding, tools and plants and all appliances including safety harnesses whatsoever necessary for the complete execution of the work except GST.
5. Goods and Service Tax (GST) as applicable will be paid at prevailing rate.
6. The reimbursement shall be as per the applicable GST rate for the period for which the bill is raised. Contractor’s bill shall not be processed without fulfilling the above requirement.
7. It is mandatory that storage of all the hazardous chemicals/powders/should be as per the directives of the competent Government Authorities & should not be easily accessible to the persons other than the authorised expert personnel of the contractor.
8. The premises shall always be kept clean & the company staff shall not be disturbed by the contractor’s labourers while working at site.
9. Price adjustment clause is not applicable to this contract. Mobilisation advance shall not be paid by AIESL on any account.
10. AI Engineering services Ltd reserves to itself the right to accept or reject any tender either in part or in whole without assigning any reason for doing so and does not bind itself to accept the lowest or any tender.
11. The contractor shall adhere to the rules, regulations & instructions of Security Dept of AI Ltd, CISF and Security at the airport premises. The contractor should also ensure that the workers do not loiter anywhere in the building other than the work site. Any action taken by the Security Departments against the defaulters shall be contractor’s responsibility.
12. **E-Mail ID & Phone No:** It is mandatory on part of the contractor to inform E - mail ID and mobile phone number of his / their firm or of any authorized representative of his / their firm for effective communication while contract is on. This E- mail ID and mobile phone number shall be submitted latest by date of award of contract. Contractor shall provide the above details to all concerned AIESL for every areas / premises for necessary contacts and better co ordinations.
13. Water charges shall be at the rate of 1% on water consumable items in the schedule
14. Electricity charges shall be at the rate of 1% of electric power used items in the schedule.
15. Purchase Preference Policy for PSE: Preference shall be given for Products & Services offered by Public Sector Enterprises as per prevailing orders of Govt. Of India.
16. Every activity in connection with the subject work shall be carried out necessarily with the

prior permission of sectional in charge of the premises where the work is being carried out.

17. Descriptions given in the Schedule of Quantities are only generally indicative of the type of work intended to be executed. Likewise, the quantities given in the Schedule should not be considered to be precise and are meant merely as a guide to the bidders and are liable to vary according to the exigencies of work. It must be clearly understood that the Contractors before quoting, have fully acquainted themselves with the intent of:
18. Contract Administrative Pro-forma
19. Conditions of Contract (To be referred to on AIESL web site under Tenders)
20. Additional Conditions
21. Specifications (To be referred to on AIESL web site under Tenders)
22. Bill of Quantities
23. Declaration
 - The bidder or the person authorized to sign the tender should sign on all important pages including
 - Contract Administration Pro Forma.
 - Additional Conditions,
 - All pages of Schedule of Quantities &
 - Declaration Form.
24. Contractors are required to procure adequate numbers of safety harness, helmets, shoes, hi - visibility vests etc. Duly approved by EIC before commencement of work at their own cost and provide them to his contract workers on duty.
- 25. Stacking and storing of dismantled serviceable materials shall be the responsibility of the contractor. In case of any loss or damage, contractor shall compensate to AI Engineering services Ltd.**
26. Debris is to be dumped at designated places only, at the end of the day's work. The contractor will not be allowed to dump the debris near the work in progress and the same has to be cleared from the premises of AI Engineering services Ltd without any extra cost. If the contractor could not remove the debris within 7 days out of AI engineering services premises, same will be carried out by AI engineering services at contractor's risk and cost. The amount will be recovered from the contractor's bill towards the expenses incurred by AI engineering services Ltd to do the same.
27. The Contractor shall submit "Workmen Compensation Policy" as per the Workmen Compensation Act 1923 & its Amendments, for all workers under this contract, with appropriate wages of workers and the height at which the work is to be executed. The validity of the policy shall be the contract period plus period of extension, if delayed due to any reason and Defect Liability Period. The Policy Proposal Document is to be submitted to the EIC and

contractor has to amend the policy proposal as per the instructions of the EIC. Workmen Compensation Policy submitted without the consent of the EIC will be treated as invalid and any delay on this account will be at the contractor's risk and cost.

28. The work should be completed within **60 days** from the date of commencement.
29. Security Deposit for the value of work done will be withheld in the bills, as per AIESL procedure will be released after successful completion of defect liability period of **six months (6 months)**
30. The contractor shall barricade and properly cover AI Engineering services Ltd equipment's, employees articles / vehicles etc. wherever required without any extra cost.
31. Contractors have to submit their PAN number, along with the tender.
32. Contractor has to adhere strictly as per specification, preambles to work, labour regulations, statutory obligations, terms and conditions of contract.
33. The rate shall be inclusive of scaffolding to all the heights.
34. Unless otherwise specified the co – efficient wherever necessary will be adopted as per AI Ltd specifications.

Date :

Signature of contractor:

Name and address :

AI ENGINEERING SERVICES LTD, MRO, TRIVANDRUM

Schedule

Name of work: Proposal for Setting up Permanent Scrap Yard at AIESL MRO, Trivandrum

A. Civil Works**General**

1. **General description:-** Construction of Scrap yard size of 72 X 53.6 feet, sharing the common Boundary wall at the location, and the shelter (roofing) to done for 54 X 53.8 feet area, height of 13.1 feet at center and 7.8 feet towards the boundary walls having internal 04 partition of 13.5 X 54 feet as shown in the diagram.
2. The partition should be done with 4 feet brick wall and the GI grills on top for 2 partition and the third partition (Northern side) the wall should be covering up to roof.
3. There are 20 pillars to be raised adjacent to the boundary wall and on the partition wall to take complete structure weight (without disturbing the boundary wall)
4. The construction will be made for permanent usage, hence will be made of heavy-duty steel frames, bricks, and cement- concrete.
5. The Roof structure frame of the scrap yard will be made of heavy-duty M.S –beams, frames, purl in and GI sheet and FRP transparent sheet. The beams of the frame will fixed to the pillars by steel plates with anchor bolt and welded.

Brick Walls Construction:

1. The walls will be constructed with double brick and cement, thickness of 9 inches minimum followed by plastering, putty and paint on either side of each wall.
2. The construction of 03 partition walls and 02 existing boundary wall will make 4 partition room such a way each room having separate entry as per the diagram..
3. The northern side partition will have total isolation from other partition room covering up to the roof and will have separate entry (full covered) metallic or wooden doors or shutters, mounted on the entry brick construction as shown in the diagram
4. Other partitions will have large opening at the front side with grilled doors mounted on pillars.

Flooring:

1. The concrete flooring of the scrap yard (roofed area) will be raised by approx.4 inches above the non-roofed area. The raised flooring will have a smooth ramp made of cement/ concrete for movement of heavy trolleys with parts.
2. The Non roofed area having hard cemented ground (cement/ concrete for movement of truck) with water sloping towards the eastern side existing boundary to facilitate the drainage of rain water without glooming a drain hole to let the water drain outside the scrap yard as per the direction of EIC.

Entrance Gate

1. The Boundary of Scrap yard should have a entry door (Metallic) as per the diagram. The door should covered at the bottom side to prevent and protect against entry of reptiles, snake etc.

Addition Requirements :

1. The chemical yard partition should be isolated from other partition and have 02 racks 2 feet height separation throughout (all along) the existing boundary wall.
2. The chemical yard partition should have separate 02 Nos of exhaust fan mounted on the existing boundary wall.

3. Electricity to power the area (Wiring) is to be drawn from the Motorized gate location around 100 feet away from the scrap yard. To facilitate the required lighting and exhaust fans.

S.No	Description	Qty	Rate	Unit	Amount (Rs)
1.	Excavation of all sort of soil including hard rock (if any) for foundation work for 20 pillars, Beam and plinth floor, bedding. Pit size of 1.2X 1.2 M with depth of 1.5 M below plinth floor. (i) Prepare the surface for beam work of 0.3m x 0.25m below ground level	62.08		Cum	
2.	(i)The PCC concrete pillar should be 15 cm thick with ratio of 1:2:4 (40 MM aggregate metal) (ii)Providing RCC casting reinforced concrete M25 grade mix using 20mm metal aggregate including centering, frame work, scaffolding as directed in drawing. (a)Column box (Double Mat for seating of pillars at) size 1.2X1.2 X 0.3 M should be of 8 mm HYSD bars (b) Pillar size of 0.3 X0.3 M and height of 1.5 + 2.38 with 16mm HYSD bars and 8mm frames. A total of 25 such pillars. (in case of short pillars the height is 1m above ground accordingly the depth). (c)Plinth Beam size of 0.3X 0.25 M with 15MM HYSD Bar with 8MM HYSD frames. Matching the floor surface and adjacent infrastructure. Footing, foundation beams, columns and coping etc. The total length of beam. These includes providing cutting, bending, and binding with MS biding wire, providing the fixed cover blocks, chairs, pins etc. fabrication and fixing in position of HYSD bars as directed in drawing, and specification mentioned above at all location and levels	28		Cum	
3	Providing& Constructing of brick masonry(wall height of 4 feet for 2 partition and full height for chemical yard partition) using bricks of compressive strength 75 Kg per Sq cm for superstructure at all level and in any thickness & shape, using CM 1:6 for thick exceeding one brick including scaffolding raking out joints, curing etc complete as per the diagram.	20		Cum	
4	Plastering the brick masonry, concrete surface of wall columns, beams, pardi, etc in 1:4, minimum 12 mm thickness ,to a finished smooth in neat cement including scaffolding, curing etc including complete finishing of existing wall as and where required.	217.47		Sq.M	

5	RCC slab for Chemical scarp; 2 rows, (size) length 14.71M x width 0.6 M x 0.10 thick, RCC slab having HYSD frame thickness of 12mm longitudinal bar and 8mm bar for lateral structure with GI binding wire(recommended thickness), Providing RCC casting reinforced concrete M25 grade mix using with 20mm metal aggregate including centering, frame work, scaffolding as directed in drawing including, mansion brick works to support slab length of 3 m Including plastering to smooth surface and painting as per the details in Schedule para No 7 including preparation of surfaces, scaffolding curing etc complete	2.00		Cum	
6	Cement Concrete Flooring; above the hardened and leveled ground, 1:2:4 (Cement, Coarse sand, Graded stone aggregate), finishing with a floating coat of neat cement, including slurry but excluding the cost of nosing of steps, sloping, water leveling, make finished line marking with thread, etc. (40 mm Thick including 20 mm nominal size stone aggregate and Top with 12 mm cement flooring finished smoothly) Area Size- 16.4M x 21.2 M. (ii)including Prepare the surface for Flooring work of 25 mm below ground level (leveling, hardening etc)	362.44		Sq.M	
7	Painting work;- Providing and applying three coats of wall paint or snowcem or equivalent approved make & quality over a coat of primer to exterior surfaces of new and existing wall structures including preparation of surfaces, scaffolding curing etc complete.	217.47		Sq.M	
8	Steel structure framework (Hip roof construction); -On top of each pillar fixing a base plate of 8 x 8 inches x 10 mm thick fixed with 8mm angle bold, welded firmly on pillar top sections The Horizontal beam size of 8 X4 inch having thickness of 4mm Rec tube frame fixed on mounting plates with 6 mm MS /steel bolts, welded firmly, connecting all pillars and the roof structure. The Main roof truss size of 8 X 4 inches having a span of 27.5 feet at center of roof and the cross section length of 30 feet each (total Qty 04)and the rafter size of 3 X 1 inch rectangular tube, purlin size of 2x 1 forming the grid space of 15 inches as shown in the diagram The framed work ,including cutting, hoisting, fixing in position base plate (8" x 8" x 10mm thk), next plate (6" x 6" x 10mm thick), top and bottom chord, roof truss (rec tube 3" x 1.5"), purlin (rec. tube 2"x1.5"),column (3" sq. tube), vertical & diagonal web (1.5" sq. tube) of approved steel as required., in gratings, frames ,guard bar, ladder, railing, brackets, gates and similar works.3 such stress frame supporting the main truss at center span equally placed on three side truss bar 8 x 4 inch	7909.45		kg	

	(Rectangular tube)with thick of 10 mm.as per the diagram and complete with similar kind of painting works as directed in the schedule para 15 by the site engineer.			
9	Providing galvalume colour coated tough end roofing sheets of 0.45mm thickness of approved make (TATA roof scope or equivalent) sheets including transparent FRB sheets in roofing up to any pitch and fixing with GI self-drilling fastener and EPDM washers etc. complete excluding the cost of purlins, rafters and trusses and including cutting to size and shape including roofing sheet, transparent sheet, ridge cap & roofing slope (1.43 :8.2 M or suitable height) wherever required as per instruction of EIC.	270.6		Sq.M
10	Shutters / door at the front open (01 Nos) of chemical yard, a grilled/mesh weld door for other 3 yard, to facilitate the entrance as per drawings (standard of approved metal and shutters) completing with similar kind of painting works as directed in the schedule para 15.	Ea		Job
11	Main entrance Gate:- Metallic gate of slide-in and hinge type Standard (Large side3.7M sliding and smaller side 1M hinged) of approved model and structure as per the drawing and the direction of EIC with similar kind of painting works as directed in the schedule para 15.	Ea		Job
12	Providing and fixing grill partition, made out of MS (Round bars of 12 mm Dia, with anti-corrosive coated, synthetic enamel painted) to form the suitable grill grid of size 6 x 6 inch as per the drawings, fixing it to the pillars with suitable frames, end fitting, angle plates and mounted on pillars with anodized anti corrosive mounting bolts & nuts of 32 mm. At top the grill end should be suitably fitted to the Roof frame work by welding, mounting. Smothering the work, straight and leveling, fine finish completely with similar kind of painting works as directed in the schedule para 15.	38.94		Sq.M
13	Suitable rain water collection (Rain water channel of PVC of minimum 4 inch Dia) disposal system and leveling, slopping of ground and flooring such to keep safe of the yard from rain water accumulation	70.00		Rmt
14	Electrical work;-Providing and rooting, clamping of 3C x 4 Sq.mm PVC armed LT UG cable & finolex Cable(House wiring) supply with 4 MCP, 01 RCCP, Isolator, (40 Amps), 8 way DB Metal box(Open) mounted on wall with rain proof covered, panel Main s/w , 10 Lights, 02 exhaust fan and 01 plug point and fixing it with suitable work. House wiring works with Square casing rooting of wires suitable modular open type box with plates (Qty 05) as directed by EIC	Ea		Job

15	Providing and spraying of synthetic enamel paints of approved colour and make over a total 3coats including 1 coat of zine chromate corrosive preventive primer on all steel structure and work with smooth and even surface at the suitable level, on prepared surface by scrapping, rubbing with neat cleaning and applying filler etc including cost filler and primer, all paints as per specification complete The painting cost will not paid as it is included in each work.	N/A		N/A	
16	Road linking to the adjacent metal road, Suitable nonmetal road width of 4M to ling the yard to the adjacent metal road inside the premises by suitable hardening and leveling of ground with gravels as per the direction of EIC.	60.00		Rmt	
	Sub Total (INR)				
	Rebate, If any				
	Total (INR)				
	Add GST -----%				
	Grand Total (INR)				

(Rupees _____ only)

Note: -

1. Conducting the test of structure frame and structure stability certificate for the work. All personnel safety and the work safety measure are to be taken care, any lapses will be the responsibility of the contractors.

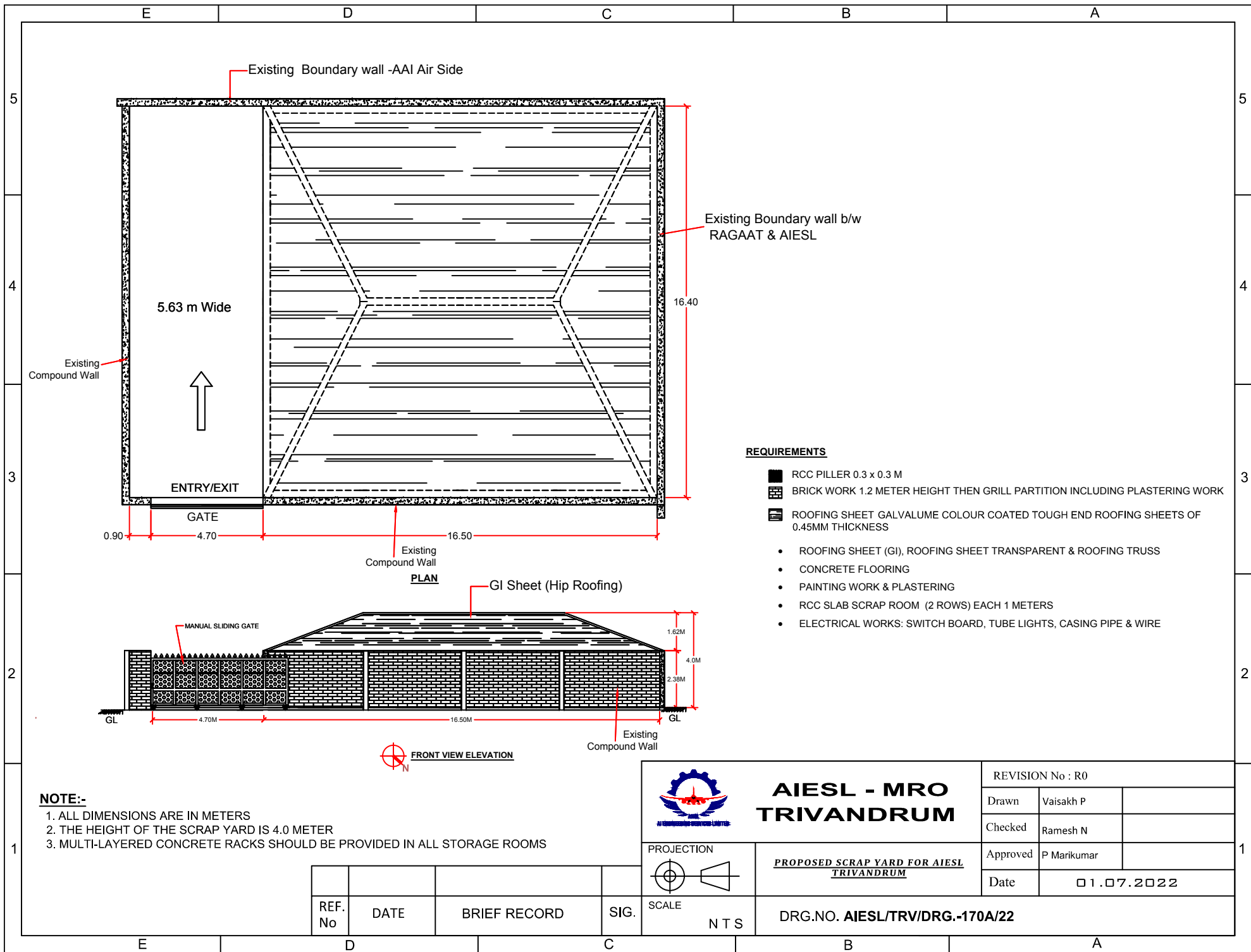
Date:

Signature of Contractor:

Address:

Mobile Number:

I /We agree to comply with all terms and conditions
Signature and Stamp of Bidder



REQUIREMENTS

- RCC PILLER 0.3 x 0.3 M
- ▨ BRICK WORK 1.2 METER HEIGHT THEN GRILL PARTITION INCLUDING PLASTERING WORK
- ▨ ROOFING SHEET GALVALUME COLOUR COATED TOUGH END ROOFING SHEETS OF 0.45MM THICKNESS
- ROOFING SHEET (GI), ROOFING SHEET TRANSPARENT & ROOFING TRUSS
- CONCRETE FLOORING
- PAINTING WORK & PLASTERING
- RCC SLAB SCRAP ROOM (2 ROWS) EACH 1 METERS
- ELECTRICAL WORKS: SWITCH BOARD, TUBE LIGHTS, CASING PIPE & WIRE

NOTE:-

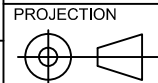
1. ALL DIMENSIONS ARE IN METERS
2. THE HEIGHT OF THE SCRAP YARD IS 4.0 METER
3. MULTI-LAYERED CONCRETE RACKS SHOULD BE PROVIDED IN ALL STORAGE ROOMS



**AIESL - MRO
TRIVANDRUM**

REVISION No : R0

Drawn	Vaisakh P	
Checked	Ramesh N	
Approved	P Marikumar	



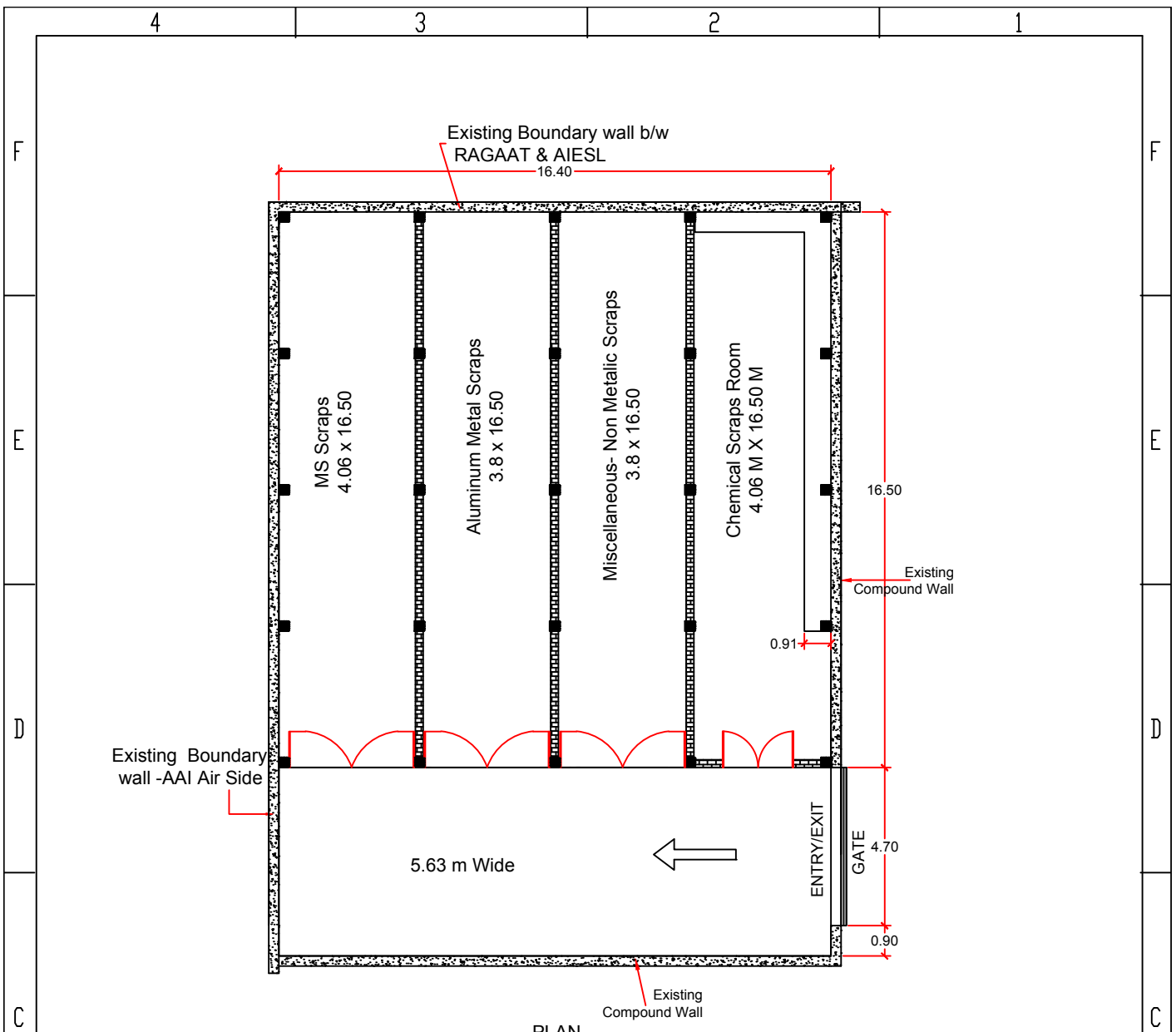
**PROPOSED SCRAP YARD FOR AIESL
TRIVANDRUM**

Date 01.07.2022

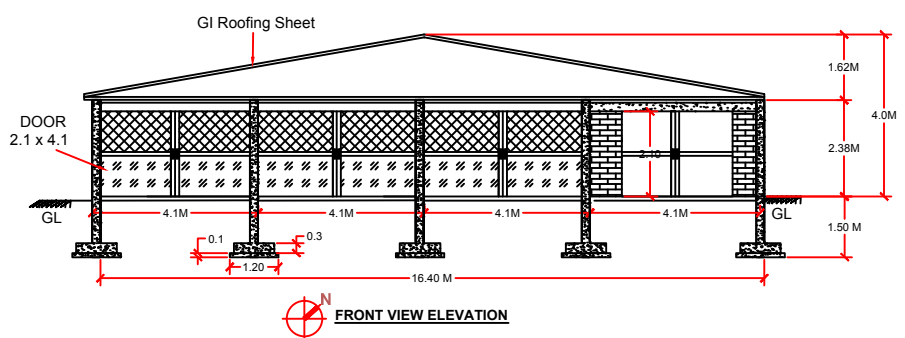
REF. No	DATE	BRIEF RECORD	SIG.

SCALE
N T S

DRG.NO. AIESL/TRV/DRG.-170A/22



PLAN




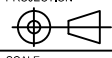
FRONT VIEW ELEVATION

REQUIREMENTS

- RCC PILLER 0.3 x 0.3 M
- ▨ BRICK WORK 1.2 METER HEIGHT THEN GRILL PARTITION INCLUDING PLASTERING WORK
- ▨ ROOFING SHEET GALVALUME COLOUR COATED TOUGH END ROOFING SHEETS OF 0.45MM THICKNESS
- ROOFING SHEET (GI), ROOFING SHEET TRANSPARENT & ROOFING TRUSS
- CONCRETE FLOORING
- PAINTING WORK & PLASTERING
- RCC SLAB SCRAP ROOM (2 ROWS) EACH 1 METERS
- ELECTRICAL WORKS: SWITCH BOARD, TUBE LIGHTS, CASING PIPE & WIRE

NOTE:-

1. ALL DIMENSIONS ARE IN METERS
2. THE HEIGHT OF THE SCRAP YARD IS 4.0 METER
3. MULTI-LAYERED CONCRETE RACKS SHOULD BE PROVIDED IN ALL STORAGE ROOMS

	ENGG. FACILITIES DIVISION TRIVANDRUM		REVISION No : R0	SIG.
	Drawn	Vaisakh P		
Checked	Ramesh N			
Approved	Manikumar P			
Date	01.07.2022			
PROJECTION 	PROPOSED SCRAP YARD FOR AIESL TRIVANDRUM			
SCALE NTS	DRG.NO. AIESL/TRV/DRG.-170/22			