TENDER NO: PFD/03/02/M/2022-2023

DATED: 02.02.2023



<u>AI ENGINEERING SERVICES LIMITED</u> <u>PROPERTIES & FACILITIES DIVISION</u> <u>ENGINEERING DEPARTMENT</u> टेलीफ़ोन/TEL: 26263220 WEB SITE: www.aiesl.in

Name of Work: Repairs to Engine Oxygen Cylinder Storage Room in Engineering premises AIESL, OAP, Santacruz East, Mumbai-29.

.....

NAME & ADDRESS OF THE CONTRACTOR:

TELEPHONE NOS.

OFFICE :

.......

RESIDENCE :-

MOBILE NO:

E-MAIL ID:

•••••

TENDER NO: PFD/03/02/M/2022-2023

DATED: 02.02.2023



AI ENGINEERING SERVICES LIMITED PROPERTIES & FACILITIES DIVISION ENGINEERING DEPARTMENT

IMPORTANT NOTE

PROCEDURE FOR SUBMITTING OF TENDER

The tender for the subject work shall be submitted in two separate sealed covers. The bidders 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 Limited Tender Terms & Conditions in its entirety. The bidders are also required to give an undertaking on "GST".

"Cover No. 1" super scribed "Acceptance of AI Engineering services Limited 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:

- 1. Receipt of Ernest Money Deposit/Demand Draft/ bank Guarantee.
- 2. Full Tender document duly signed by the bidder <u>except "Schedule of</u> <u>Quantities".</u>
- 3. The firms registered with NSIC/ SSI (under its Single Point Registration Scheme)/Udyog Aadhar/MSME/Startup shall be exempted from the payment of earnest Money deposit provided they are registered for the services that they intend to quote for and provide against the concerned AIESL Tender. Such firms are required to provide an attested copy of the Certificate of Registration with NSIC / SSI/Udyog Aadhar/MSME/Startup. Benefits would be given to MSME as per GoI guidelines prevailing on the date of opening the tender. Similarly, Startup will be provided concessions as per prevalent GoI guidelines.
- 4. Deviations if any.
- 5. Undertaking as given
- 6. Additional Condition.
- 7. Declaration.

COVER NO. 1 SHALL NOT CONTAIN ANY OTHER DOCUMENTS

"Cover NO. 2" to be submitted under separate sealed cover will contain only the "SCHEDULE OF QUANTITIES"(As per the subject of the tender)..... and bearing on the bottom left corner the name of the bidder.

COVER NO. 2 SHALL NOT CONTAIN ANY OTHER DOCUMENTS

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Both the seal Cover 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 - Full Tender document duly signed by the bidder <u>except "Schedule of Quantities"</u> and receipt of Earnest Money Deposit shall be considered valid and Cover No. 2 - Containing the <u>"SCHEDULE OF QUANTITIES"</u> 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 AI Engineering services Ltd. Standard Conditions of Contract, will also be rejected.

TENDER NO: PFD/03/02/M/2022-2023

DATED: 02.02.2023

REGRET LETTER

(To be sent under Contractor's Letter head)

To, General Manager, PFD / ENGG., AIESL, Mumbai 400 029.

Name of Work: Repairs to Engine Oxygen Cylinder Storage Room in Engineering premises AIESL, OAP, Santacruz East, Mumbai-29.

TENDER NO: PFD/03/02/2022-23 DATED: 02.02.2023

Sir,

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

1..... 2.

SIGNATURE OF THE BIDDER WITH RUBBER STAMP

Date:

TENDER NO: PFD/03/02/M/2022-2023

DATED: 02.02.2023



AI ENGINEERING SERVICES LIMITED PROPERTIES & FACILITIES DIVISION ENGINEERING DEPARTMENT

ACCEPTANCE LETTER

To. General Manager, PFD / ENGG., AIESL, Mumbai 400 029.

Sir.

We hereby unconditionally accept the tender terms and conditions in its entirety for TenderNo._____ dated .

We also confirm that 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 Schedule of Quantities are not WRITTEN in both FIGURES as well as WORDS, the tender will STAND REJECTED.

Date : _____

SIGNATURE OF THE BIDDER WITH RUBBER STAMP

TENDER NO: PFD/03/02/M/2022-2023

DATED: 02.02.2023



AI ENGINEERING SERVICES LIMITED PROPERTIES & FACILITIES DIVISION ENGINEERING DEPARTMENT

UNDERTAKING FOR GST

Name of Work: Repairs to Engine Oxygen Cylinder Storage Room in Engineering premises AIESL, OAP, Santacruz East, Mumbai-29.

TENDER NO: PFD/03/02/2022-23 DATED: 02.02.2023

W	/e, M/s									, ha	wing	our off	ficial
address	at											_, are	not
covered	under	the	GST	Rules,	as	our	turnover	is	not	likely	to	exceed	Rs.
			Lak	hs.									

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. In the event of any such occurrence, AI Engineering services Limited shall not bear any liability whatsoever, and we agree to keep AI Engineering services Limited indemnified on this count.

Place:

Date:

SIGNATURE & SEAL OF THE BIDDER

TENDER NO: PFD/03/02/M/2022-2023

DATED: 02.02.2023



AI ENGINEERING SERVICES LIMITED PROPERTIES & FACILITIES DIVISION ENGINEERING DEPARTMENT

DEVIATION SHEET

Name of Work:

TENDER NO:

DEVIATION FROM THE TECHNICAL SPECIFICATION / TENDER DRAWINGS ARE AS FOLLOOWS: -

Sr. No.	Description of Deviation

Place: Date:

SIGNATURE & SEAL OF THE BIDDER

TENDER NO: PFD/03/02/M/2022-2023

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AI ENGINEERING SERVICES LIMITED PROPERTIES & FACILITIES DIVISION ENGINEERING DEPARTMENT

CONTRACT ADMINISTRATION PROFORMA

Name of Work: Repairs to Engine Oxygen Cylinder Storage Room in Engineering premises AIESL, OAP, Santacruz East, Mumbai-29.

TENDER NO: PFD/03/02/2022-23 DATED: 02.02.2023

1. Estimated Cost of Work

: Rs. 5.76 Lakhs

- 2. The Tender documents consist the following:
 - a) Contract Administration Pro- forma
 - b) Additional Conditions
 - c) Schedule of Quantities
- 3. The bidder is required to pay Earnest Money of **Rs. 11,520/-** (Rupees Eleven Thousand Five Hundred Twenty Only) [NOTE: EMD is to be paid by way of DD / PAY ORDER payable to "<u>AI ENGINEERING SERVICES LIMITED</u>" at Mumbai.]
- 4. The completed Tender Documents in Cover No. 1 Containing Full Tender document duly signed by the bidder <u>except "Schedule of Quantities</u>", receipt of Earnest Money Deposit and Cover No. 2 Containing the <u>"SCHEDULE OF QUANTITIES</u>", addressed to the <u>General Manager, PFD/ENGG, AI Engineering Services Ltd., Old Airport, Santa Cruz (E), Mumbai-29</u> should be deposited in the Tender Box(PFD-AIESL) kept on 2nd floor EFD Office before <u>2.30 P.M. on 23.02.2023.</u>
- Tenders will be opened on the same day at <u>3:00 p.m</u>. in the Office of the General Manager, PFD/ENGG, AI Engineering Services Ltd., Old Airport, Santa Cruz (E), Mumbai-29, in the presence of any intending bidder who may wish to be present.
- 6. In case the bidder does not wish to quote for the work, he may please send a regret letter on the date of opening of the Tender.

TENDER NO: PFD/03/02/M/2022-2023 DATED: 02.02.2023 7. EARNEST MONEY / SECURITY DEPOSIT: a) Earnest Money Deposit 11,520.00 : Additional Security Deposit to be made within 15 days of date of issue of WO: Nil c) Retention Percentage from Running / Final Bill for Successful Bidder 8% (Eight percent) : d) Total Security Deposit 10% (Ten percent) : Time allowed for the execution of the work: 8. 45 (Forty Five) Days 9. DEFECTS LIABILITY PERIOD: One year 10. Percentage permitted in Rate Analysis for Extra / Deviated items to cover Overheads and Profits a. Material & Labour : 20% (TWENTY PERCENT)

:

b. Only Labour

SIGNATURE OF ENGINEER-IN-CHARGE

15% (FIFTEEN PERCENT)

TENDER NO: PFD/03/02/M/2022-2023

DATED: 02.02.2023



AI ENGINEERING SERVICES LIMITED PROPERTIES & FACILITIES DIVISION ENGINEERING DEPARTMENT

ADDITIONAL CONDITIONS

- 1. Intending contractors are advised in their own interest to visit the site of work and familiarize themselves with the site conditions before submitting their tenders.
- 2. The work being repair in nature, the contractor has to execute the items in parts or patches as shown by the EIC. No claim for extra payment for executing the items of works in parts or patches at different locations shall be entertained. The contractor's quoted rates should cater for the same.
- 3. The quoted rates for items should cover the costs of all appropriate materials, labour, machinery, tools, plants and all appliances what so ever necessary for the complete execution of the work.
- 4. 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, other than the GST, as per the relevant Acts & Rules. Any other tax or levy on materials or any elements in respect of this contract, shall be payable by the contractor and AI Engineering services Limited will not entertain any claims whatsoever in this respect. The contractor's rates should cater for the same.
- 5. The quoted rates shall be exclusive of the GST, as per the relevant Acts & Rules.
- 6. The bills for the work should have GST registration number printed or stamped on it and should show the amount of GST separately (at the prevailing applicable rate). Bills shall not be processed without fulfilling the above requirement.
- 7. The contractor shall produce documentary proof of GST paid to Govt. authorities on completion of the subject tender, before the release of security deposit.
- 8. The premises shall always be kept clean and AI Engineering services Limited staff working near the site shall not be disturbed by the contractor's labourers while working at site. The work shall be planned and executed in consultation with users of AI Engineering services Limited facility as well as EIC.
- 9. Debris should be removed immediately and stacked at specified locations failing which the same shall be carried out of AIESL premises at contractor's risk and cost. The contractor's supervisor should meet the EIC every day and inform about commencement and progress of work.

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- 10. All the safety precautions, rules and regulations are required to be observed strictly during progress of the work. Work permits as applicable for the work shall be obtained from regulatory authorities of AI Engineering services Limited before starting any work.
- 11. Proper care shall be taken by the contractor to avoid any damage to AI Engineering services Limited property and injuries to people while executing the work.
- 12. 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. 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.
- 13. The contractor shall submit "Contractor's All Risk Policy" with a policy value equivalent to the amount of work order of this work, with AI Engineering services Limited Ltd as the 1st Policy Holder name and contractor's name as the 2nd Policy Holder. The validity of the policy shall be the contract period plus period of extension, if delayed due to any reason and Defect Liability Period. Work shall be started only after submission of Workmen Compensation Policy & Contractor's All Risk Policy.
- 14. Restrictions for working in Engineering area: Contractors should get familiarized with the working conditions in Engineering area such as meeting various regulatory requirements for entry permit for workers, Hot job, electrical connections, entry and exit timings, entry restrictions during VIP aircraft maintenance works etc. The contractor's quoted rate should cater for the same.
- 15. The site of work is security sensitive zone of Old Airport. The contractor and workmen shall have to strictly observe the security rules and regulations of AI Engineering services Limited. The contractor shall arrange the Police NOC and other security requirements for getting entry permits. AI Engineering services Limited will only recommend the required procedures and the contractor shall be responsible in getting the entry permits in time. Any expenditure towards security passes, NOCs etc. shall be borne by the contractor. The contractor shall be responsible for the conduct of his workmen. The contractor shall arrange for safe storage of the materials being used for the works.
- 16. Mobilization advance shall not be paid by AI Engineering services Limited on any account.
- 17. AI Engineering services Limited reserves itself the right to accept or reject any tender either in part or whole without assigning any reason for doing so and does not bind itself to accept the lowest or any tender.
- 18. The security deposit @ 10% shall be retained for the defects liability period of one year from date of completion of the work.
- 19. The quantities stated in the bill of Quantities are tentative. The contractor shall be paid at the quoted rates and on the basis of actual measured dimensions of finished work.

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DATED: 02.02.2023

The mode of measurement shall be as given in the item description. In case not specified, the measurements shall be generally in accordance with IS : 1200, Methods of measurements of building works. The decisions of EIC regarding mode of measurements shall be final and binding.

- 20. The contractor shall produce the authentic receipts of materials purchased which are required for this particular work, as and when demanded by AI Engineering services Limited, in order to settle any dispute arising during contract period.
- 21. The contractor is advised to understand the tender conditions and the person authorized to sign the tender should sign on all important pages including (i) Additional Conditions (ii) Last page of Schedule of Quantities and (iii) Declaration form.

 ${\rm I}$ / we hereby declare that ${\rm I}$ / we have read and understood the additional conditions and here by agree to abide by them.

Place: Date:

SIGNATURE OF BIDDER WITH RUBBER STAMP

TENDER NO: PFD/03/02/M/2022-2023

DATED: 02.02.2023

SCOPE OF WORK

The scope of work is as follows, briefly.

Kindly read the schedule of quantities for details.

- Removing plaster including removing debris
- Providing Internal plaster.
- Providing External plaster.
- Carrying out structural repairs
- Dismantling existing flooring & Providing and laying IPS 40mm thick
- Dismantling existing windows/ door and providing and fixing new ones
- Removing existing damaged waterproofing and providing New coat over for water proofing.

•Carrying out painting of the Engine Oxygen Cylinder Storage Room

Date : Place :

SIGNATURE OF BIDDER WITH RUBBER STAMP

TENDER NO: PFD/03/02/M/2022-2023

DATED: 02.02.2023



AI ENGINEERING SERVICES LIMITED PROPERTIES & FACILITIES DIVISION ENGINEERING DEPARTMENT

SCHEDULE OF QUANTITIES

Name of Work: Repairs to Engine Oxygen Cylinder Storage Room in Engineering premises AIESL, OAP, Santacruz East, Mumbai-29.

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Item No.	Description	Qty / unit	Unit	Rate At Per	Amount Rs. P.
1	Removing cement plaster of any mix & any thickness, from any surface, all including raking out joints, hacking for key, scrubbing down with water and removing debris outside AIESL premises. Rate in Words:	200.00	Sq.m		
2	Providing and applying internal cement plaster to brick masonry or concrete surface of walls, columns, beams, pardi, chajjas etc. in CM(1:4) 15mm thick minimum and finished smooth in cement, curing and at any height and locations including scaffolding etc. complete <i>Rate in Words:</i>	100.00	Sq.m		
3	Providing& applying external sand-faced plaster to any brick masonry or concrete surfaces in CM(1:4) 12mm thick minimum as backing coat and finished with 6mm. thick sand faced layer complete(The rate is inclusive of providing & mixing approved waterproofing compound as per manufacturer's instructions). <i>Rate in Words:</i>	100.00	Sq.m		
4	Providing and applying rust inhabitation coal/system to exposed reinforcement bars and also new reinforcement bars after removing scales	2500.00	Kgs.		

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	and rust complete as per specification. Providing and applying bond coat to all exposed concrete surface and reinforcement bars prior to any treatment as per specification. Providing and applying single component, fiber reinforced, thixotropic repair mortar of average thickness 50mm and above of "BASF" (MASTER EMACO 348 S) as manufacturer's specifications in specific layers, curing the surface after 72 hours of application with wet gunny bags etc. including carting away debris out off AIESL premises. <i>Rate in words</i>			
5	Dismantling tile work of any type and thickness in floors, staircases, skirting and dados in any position and at all levels laid in any mortar including stacking serviceable material and disposal of unserviceable material/ debris out off AIESL premises all as directed etc. complete. <i>Rate in words</i>	30.00	Sq.m	
6	Providing and laying cement concrete floor (Indian Patent Stone) 40 mm thick P.C.C.(1:2:4) mix using 12.5 mm, graded stone aggregate laid in alternate bays trowelled smooth on top in neat cement and making lines on the top surface diagonally or square at spacing as directed etc. complete. <i>Rate in words</i>	30.00	Sq.m	
7	Dismantling carefully existing wooden doors/windows with or without grills, ventilators of any size section and type (glazed, panelled, wire gauzed, flush etc.)at all levels, together with all fittings & fixtures, beading architraves etc. including carting away debris out off AIESL premises etc. complete. frames with shutters <i>Rate in words</i>	8.00	Sq.m	
8	Providing and fixing anodized aluminum works for partitions, doors and windows, ventilators at any locations and level, including scaffolding with extended standard section of approved make like "Indal", "Jindal" or other approved manufacturers and conforming to IS, anodized	70.00	Kgs	

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	transparent or dyed to required shade(min anodic coating plain or colored shall be 7.5 micron) fixed with rawl plug and screws or with fixing clips or with expansion hold fasteners, including necessary filling up at junction at Top, bottom and sides with required neoprene/ PVC felt of approved quality etc. aluminum section shall be smooth, rust free, mitered and jointed mechanically, wherever required including cleat angles, CP brass/ stainless screws, aluminum handles, tower bolts, including all accessories required all complete as per architectural drawings and all as per direction of EIC.			
9	Providing and fixing 5.5mm thick plain sliding glasses in frames including rounding of edges provision of recesses for sliding operation, and fixing with anodized aluminum double channel section of approved type, necessary screws etc. complete.	30.00	Sq.m	
	Rate in words			
10	Providing & fixing 2nd class Teak Wood framed and paneled shutters made out of Second Class Teak Wood, 40 mm thick with both side raised panel of approved designs, complete with 125mmx75 mm OR 150mmx60mm teakwood frame fixed to jambs with and including 225mmx40mmx3mm MS holdfasts 6 no, including oxidized brass butt hinges 3 no. per shutter of size 100 mm x70 mm x 4 mm and screws(Painting & other fittings measured separately).	3.00	Sq.m	
	Rate in words			
11	Removing carefully existing worn out bitumen felt waterproofing, APP membrane water proofing treatment or of any similar type and of any thickness and in any number of layers from the existing terrace, gutters, expansion joints, under water tanks including cleaning thoroughly and washing the exposed IPS topping layers removing all dust, oil, grease, loose particles mechanically scarifying the top surfaces including lowering the removed any type of bitumen felt, APP membrane and other unwanted	30.00	Sq.m	

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12	 materials from second floor terrace level to ground floor level including carting away the same outside Air India premises all as directed by Engineer-in-charge etc. complete <i>Rate in words</i> Providing & Applying 03 Coats of Dr. Fixit New Coat UV resistant elastomeric acrylic co-polymer based waterproofing coating with integral micro fiber reinforce-cement over a Primer coat(1 coat) of Dr.Fixit Primseal over the existing terrace top area in 1:0.5 ratio with water as per manufactures specification, providing & Applying 02 coats of Dr. Pidicrete WP followed by Applying 03 coats of Dr. Fixit Newcoat without dilution sandwich with 45 GSM Fibermess at 2 Sqm /Ltr/clean surface. NOTE: Guarantee of 3 years to be given as per standard format. 10% amount of this item shall be retained for a period of 3 years. 	30.00	Sq.m	
	Rate in words			
13	Providing & applying Exterior acrylic emulsion	60.00	Sam	
13	 Providing & applying Exterior acrylic emulsion based paint Asian-apex exterior / ultima, Berger make), with /without primer, as described below in two or more colour shades as approved by EIC at any location and at all levels & heights, including scaffolding, preparation of surface, filling up the cracks with Birla/ wall plaster external wall putty ,crack filling material, curing all as per manufacturers specifications instructions and as directed by EIC complete. a) One coat of exterior primer and two or more coats of exterior acrylic emulsion paint of Asian paint or Berger make. <i>Rate in words</i> 	00.00	Sq.m	
14	 Providing and applying Oil bound washable distemper(OBD), with/without primer, as described below of Asian paints or Berger make paints and of first /premium quality and of required colour and shade to get a smooth and even finish to any surfaces, at any location and at all levels, including scaffolding, preparation of surface, all as directed by EIC etc. complete. a) One coat of primer and two or more coats 	60.00	Sq.m	

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	of OBD of Asian paints or Berger make paints			
	Rate in words			
15	 Providing and applying Synthetic enamel paint (SEP)of Asian paints or Berger make paint with/without primer as described below of approved make and of first quality and of required colour and shade to give a smooth and even finish to any surfaces at any location and at all levels, including scaffolding, preparation of surface all as directed etc. complete. a) One coat of primer and two or more coats of SEP of of Asian paints or Berger make paints make 	10.00	Sq.m	
	Rate in words			
16	Providing & fixing 18 to 20 mm thick "JET BLACK GRANITE" in window sills / platforms in various sizes in one piece including fixing the sills in CM (1:4) bedding minimum 15 – 20 mm thick and filling joints with matching pigments Jet Black coloured grantie stone colour of approved quality and of uniform shade. More than 150 mm and upto 200 mm	24	Rmt	
	Rate in words			
	Total		Rs.	
	Rebate % (Percentage)		Rs.	
	Grand total in Rs.		Rs.	
	Grand total in words : Rupees			

Note:

1) The rates shall not include GST. The GST shall be paid separately in the bills as per the applicable rates.

DATE : PLACE :

SIGNATURE OF THE BIDDER WITH RUBBER STAMP

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The rates quoted shall include the following:

- a. Removal and carting away all the debris from AIESL premises after completion of work.
- b. Scaffolding /double scaffolding (wherever applicable) unless specifically mentioned.
- c. The work shall be carried out both during/after working hours and even on holidays if situation so warrants.
- d. Scaffolding if required in any item of the work has to be included in the quoted rates. No additional charge shall be given for this.
- e. The contractors are advised to visit at site before quoting the rates and for the assessment of the work.
- f. Till completion of work any other appliances tools/ladders etc. shall be arranged by the bidder himself.

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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 each items, rebate and grand total 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 event of any entry in this Tender document, other than the relevant entry, shall make this Tender invalid.

Place:

Date:

SIGNATURE OF BIDDER WITH RUBBER STAMP