

KERALA ACADEMY FOR SKILLS EXCELLENCE (KASE)

No KSID/101/2022-CCA.....

Dated: TBD

Facing Sheet

1	Name of Tender	Supply and Commissioning of 1. Portable Cylinder Model Incinerator of 30 kg /hr cylinder.
2	Earnest Money Deposit (EMD)	Rs 1500
3	Document Download or Sale Start Date	TBD
4	Last date and time of submission of Tender/Bid	TBD up to 03.00 PM
5	Date & Time of opening tender	TBD at 03.30PM
6	Name and Address of Bidder	
7	Office of Registration	
8	Signature of Tenderer	
9	Bid submission fee	Rs 400.00 plus tax

Managing Director**Kerala Academy for Skills Excellence****General Conditions of Tender**

Sealed tenders are invited for and on behalf of the Managing Director KASE only for the

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supply of the materials as specified in the schedule below/attached.

1. The tenders should be addressed to the officer mentioned below with the tender number and name.

2. The tenders should be submitted in the prescribed form which can be obtained from *Kerala State Institute of Design , Chandanathope, Kollam, Kerala -691014* **by remitting the cost of the tender from in the form of DD taken in favor of Principal, Kerala State Institute Of Design Payable at Kollam.** Bidders can also download the tender documents from the website of KSID: www.ksid.ac.in and the cost of tender documents shall be submitted along with the tender documents in the form of DD. The cost of tender documents once paid will not be refunded. Tenders, which are not in the prescribed form, are liable to be rejected. The rates quoted should be only in Indian currency. Tenders in any other currency are liable to rejection.

3. Intending tenderer should send their tenders on or before due date and time (noted in the tender notice). No tender received after the specified date and time will be accepted on any account. The rates will be considered firm for acceptance till the date mentioned below. Tenders not stipulating period of firmness and tenders with price variation clause and/or 'subject to prior sale' condition are liable to be rejected.

4. (a) Every tenderer who has not registered his name with the state Government (Stores Purchase Department), should send along with his tender, an Earnest Money of one per cent of the total cost of the articles tendered for (rounded to the nearest rupee) subject to a minimum of Rs.1500, if the amount calculated at one per cent of the value of the articles tendered for falls below 1500. The amount should be remitted by cheque/

DD in favour of the Principal KSID. EMD furnished by all unsuccessful tenderers should be returned to them without any interest whatsoever, at the earliest after expiry of the final tender validity period but not later than 30 days after conclusion of the contract. EMD of the successful tenderer should be returned, without any interest whatsoever, after receipt of performance security from it as called for in the contract.

(b) Tenderer whose names are registered with Government (Stores Purchase Department) are generally exempted from furnishing earnest money for such articles for which they have registered their names. If they tender for stores other than those for which they have registered their names, they will have to furnish earnest money as in the case of unregistered firms. Registered firms will have to quote invariably in every tender they submit the registration number assigned to them by the Stores Purchase Department.

(c) (i) Micro, Small & Medium Enterprises and Cottage Industries and Industrial co-operatives within the State which are certified as such by the Director of Industries and commerce or by the Regional Joint Directors of Industries and Commerce will be exempted from furnishing earnest money deposits in support of tenders submitted by them to Government Departments. The Khadi and village Industries Co-operative Societies and the

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institutions registered under the Literary, Scientific and Charitable Societies Act and financed by the Kerala Khadi and Village Industries Board within that State which are certified as such by the Secretary, Kerala Khadi Village Industries Board will be exempted from furnishing earnest money deposits in support of tenders submitted by them to Government Departments. Government Institutions/State Public Sector Industries which manufacture and supply stores will also be exempted from furnishing earnest money for tenders submitted by them.

(ii) Micro and Small Enterprises and Industrial Co-operatives within the State which have been registered as such with the Industries Department (Department under the control of the Director of Industries and Commerce) on furnishing proof of such registration will be exempted from furnishing security deposit against contracts for supply of stores manufactured by them provided that an officer of and above the rank of Deputy Director of Industries and commerce having jurisdiction over the area also certifies to the soundness and reliability of the concerns to undertake the contracts. The Khadi and Village Industries Co-operative Societies within the State which have been registered as such with the Kerala Khadi and Village Industries Board and the institutions registered under the Literary, Scientific and Charitable Societies Act and which are financed by the Board within the State on furnishing proof of such registration will be exempted from furnishing security deposits against contracts for supply of stores manufactured by them provided that the Secretary, Kerala Khadi and Village Industries Board also certifies to the soundness and reliability of the concerns to undertake the contracts. Government Institutions or any Institutions listed in Annexure 16 which supplies stores, and Government of India Undertaking will also be exempted from furnishing security in respect of contracts for supply of stores.

(d) In the matter of purchase of stores by the State Government Departments, Small Scale Industrial Units sponsored by the National Small Scale Industries Corporation Limited, New Delhi and in respect of which competency certificates are issued by the Corporation will be exempted from payment of Earnest Money Deposits and Security Deposits.

(e) The exemption stipulated in clauses (b), (c) and (d) above will not however, apply to tenders for the supply of raw materials or dietary articles or stores on rate or running contract basis.

5. The tenders will be opened on the appointed day and time in the office of the undersigned, in the presence of such of those tenderers or their nominees who may be present at that time.

6. If any tenderer withdraws from his tender before the expiry of the period fixed for keeping the rates firm for acceptance, the earnest money if, any, deposited by him will be forfeited to KSID or such action taken against him as KSID think fit.

7. Tenderers shall invariably specify in their tenders the delivery conditions including the

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time required for the supply of articles tendered for.

8. (a) The tenderer shall clearly specify whether the articles offered bear Indian Standards Institution Certification Mark or not. In such cases, they shall produce copies of Certification mark along with their tender in support of it.

(b) Tenderers shall clearly specify whether the goods are offered from indigenous sources, from imported stocks in India or from foreign sources to be imported under a license. KSID reserves the right to reject offers for import of goods if the Import Trade Control Policy in force at the time of award of the contract prohibits or restricts such imports.

9. The final acceptance of the tenders rests entirely with KSID who do not bind themselves to accept the lowest or any tender. But the tenderers on their part should be prepared to carry out such portion of the supplies included in their tenders as may be allotted to them.

10. In the case of materials of technical nature the successful tenderer should be prepared to guarantee satisfactory performance for a definite period under a definite penalty.

11. Communication of acceptance of the tender normally constitutes a concluded contract. Nevertheless, the successful tenderer shall also execute an agreement for the due fulfillment of the contract within the period to be specified in the letter of acceptance. The contractor shall have to pay all stamp duty, lawyer's charges and other expenses incidental to the execution of the agreement. Failure to execute the agreement within the period specified will entail the penalties set out in para 12 below.

12. (a) The successful tenderer shall, before signing the agreement and within the period specified in the letter of acceptance of his tender deposit a sum equivalent to 5 per cent of the value of the contract as security for the satisfactory fulfillment of the contract. The amount may be paid either by remittance into any Government Treasury in challans in duplicate, duly countersigned by the officer mentioned below or by Demand Drafts (crossed) on the local branch of State Bank of Travancore/State Bank of India drawn in favour of the officer mentioned below or in Government Treasury Savings Bank and the Pass Book pledged to Purchasing Officer or in Fixed Deposit Receipts of State Bank of Travancore/State Bank of India endorsed in favour of the above officer. Letters of guarantee in the prescribed form for the amount of security from an approved Bank will also be considered enough at the discretion of KSID. If the successful tenderer fails to deposit the security and execute the agreement as stated above, the earnest money deposited by him will be forfeited to KSID and contract arranged elsewhere at the defaulter's risk and any loss incurred by KSID on account of the purchase will be recovered from the defaulter who will, however, not be entitled to any gain accruing thereby. If the defaulting firm is a registered firm their registration is liable to be cancelled.

(b) In cases where a successful tenderer, after having made partial supplies fails to fulfil the contracts in full, all or any of the materials not supplied may at the discretion of the Purchasing Officer, be purchased by means of another tender/ quotation or by negotiation or from the next higher tenderer who had offered to supply already and

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the loss, if any, caused to the KSID shall thereby together with such sums as may be fixed by the KSID towards damages be recovered from the defaulting tenderer.

(c) Even in cases where no alternate purchases are arranged for the materials not supplied, the proportionate portion of the security deposit based on the cost of the materials not supplied at the rate shown in the tender of the defaulter shall be forfeited and balance alone shall be refunded.

(d) If the contractor fails to deliver all or any of the stores or perform the service within the time/period(s) specified in the contract, the purchaser shall without prejudice to its other remedies under the contract, deduct from the contract price as liquidated, damages, a sum equivalent to 0.5% or 1% of the delivered price of the delayed stores or unperformed services for each week of delay until actual delivery or performance, upto a maximum deduction of 10% of the contract prices of the delayed stores or services. Once the maximum is reached, the purchaser may consider termination of the contract at the risk and cost of the contractor.

13. The security deposit shall, subject to the conditions specified herein, be returned to the contractor within three months after the expiration of the contract, but in the event of any dispute arising between KSID and the contractor, the KSID shall be entitled to deduct out of the deposits or the balance thereof, until such dispute is determined the amount of such damages, costs, charges and expenses as may be claimed. The same may also be deducted from any other sum which may be due at any time from KSID to the contractor. In all cases where there are guarantee for the goods supplied the security deposit will be released only after the expiry of the guarantee period. If the Security is not released even after the completion of one year, from the date of expiry of the period of contract provided there are no complaints against the contractor. Interest at the rate of interest paid for S.B. accounts by nationalized banks will be paid on the Security Deposit.

(a) "If the Earnest Money Deposit/Security Deposit is not released within the period specified for no fault of the Contractor, the loss incurred to KSID shall be made good from the Officer responsible for the belated release of the Earnest Money deposit/Security Deposit."

14. (a) All payments to the contractors will be made by the Purchasing Officer in due course:-

(i) either by Departmental cheques payable at the Kerala Government Treasuries; or
(ii) by cheques or drafts on the Reserve Bank of India, State Bank of India and State Bank of Travancore (at any of their Principal Branches in India).

(iii) In the case of supplies from abroad by drafts as may be, arranged between the contracting parties.

(b) All incidental expenses incurred by the KSID for making payments outside the district in which the claim arises shall be borne by the contractor.

15. The tenderers shall quote also the percentage of rebate (discount) offered by them in

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case the payment is made promptly within fifteen days/within one month of taking delivery of stores.

16. Ordinarily payments will be made only after the supplies are actually verified and taken to stock but in exceptional cases, payments against satisfactory shipping documents including certificates of Insurance will be made up to 90 percent of the value of the materials at the discretion of KSID. Bank charges incurred in connection with payment against documents through bank will be to the account of the contractor. The firms will produce stamped pre-receipted invoices in all cases where payments (advance/final) for release of railway receipts/shipping documents are made through banks. In exceptional cases where the stamped receipts of the firms are not received for the payments (in advance) the unstamped receipt of the Bank (i.e., counterfoils of pay-in-slips issued by the Bank) alone may be accepted as a valid proof for the payment made.

17. The contractor shall not assign or make over the contract on the benefits or burdens thereof to any other person or body corporate. The contractor shall not underlet or sublet to any person or persons or body corporate the execution of the contract or any part thereof without the consent in writing of the Purchasing Officer who shall have absolute power to refuse such consent or to rescind such consent (if given) at any time if he is not satisfied with the manner in which the contract is being executed and no allowance or compensation shall be made to the contractor or the sub-contractor upon such rescission. Provided always that if such consent be given at any time, the contractor shall not be relieved from any obligation, duty or responsibility under this contract.

18. (a) In case the contractor becomes insolvent or goes into liquidation, or makes or proposes to make any assignment for the benefit of his creditors or proposes any composition with his creditors for the settlement of his debts, carries on his business or the contract under inspection on behalf of or his creditors, or in case any receiving order or orders, for the administration of his estate are made against him or in case the contractor shall commit any act of insolvency or case in which under any clause or clauses of this contract the contractor shall have rendered himself liable to damages amounting to the whole of his security deposits, the contract shall, thereupon, after notice given by the KSID to the contractor, be determined and the KSID may complete the contract in such time and manner and by such persons as the KSID shall think fit. But such determination of the contract shall be without any prejudice to any right or remedy of KSID against the contractor or his sureties in respect of any breach of contract therefore committed by the contractor.

All expenses and damages caused to KSID by any breach of contract by the contractor shall be paid by the contractor to KSID, and may be recovered from him under the provisions of the Revenue Recovery Act in force in the State.

(b) The persons/contractors submitting tenders should produce a solvency certificate, clearly indicating to what extent they are solvent from the Tahsildar of the Taluk where

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they reside along with their tenders.

NOTE: The solvency certificate referred to above will apply only in the case of supply of the following articles viz., dietary articles, fuels, raw materials like roots, creepers, flowers etc., and provisions to hospitals and hostels, sundry articles etc.

19. (a) In case the contractor fails to supply and deliver any of the said articles and things within the time provided for delivery of the same, or in case the contractor commits any breach of any of the covenants, stipulations and agreements herein contained, and on his part to be observed and performed, then and in any such case, it shall be lawful for KSID (if they shall think fit to do so) to arrange for the purchase of the said articles and things from elsewhere or on behalf of the KSID by an order in writing under the hand of the Purchasing Officer put an end to this contract and in case the KSID shall have incurred, sustained or been put to any costs, damages or expenses by reason of such purchase or by reason of this contract having been so put an end to or in case any difference in price, compensation, loss, costs, damages, expenses or other money shall then or any time during the continuance of this contract be payable by the contractor to the KSID under and by virtue of this contract, it shall be lawful for KSID from and out of any moneys for the time being payable or owing to the contractor from the KSID under or by virtue of this contract or otherwise to pay and reimburse to KSID all such costs, damages and expenses they may have sustained, incurred or been put to by reason of the purchase made elsewhere or by reason of this contract having been so put an end to as aforesaid and also all such difference in price, compensation, loss, costs, damages, expenses and other moneys as shall for the time being be payable by the contractor aforesaid.

(b) In case any difference or dispute arises in connection with the contract, all legal proceeding relating to the matter shall be instituted in the Court within whose jurisdiction the Purchasing Officer voluntarily resides.

20. Any sum of money due and payable to the contractor (including security deposit returnable to him) under this contract may be appropriated by the KSID or any other person authorized by KSID and set off against any claim of the KSID for the payment of a sum of money arising out of or under any other contract made by the contractor with the KSID or any other person authorized by KSID. Any sum of money due and payable to the successful tenderer or contractor from KSID shall be adjusted against any sum of money due to KSID from him under any other contracts.

21. Every notice hereby required or authorized to be given may be either given to the contractor personally or left at his residence or last known place of abode or business, or may be handed over to his agent personally, or may be addressed to the contractor by post at his usual or last known place of abode or business and if so addressed and posted, shall be deemed to have been served on the contractor on the date on which, in the ordinary course of post, a letter so addressed and posted would reach his place of abode or business.

22. The tenderer shall undertake to supply materials according to the standard sample

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and/or specifications.

23. (a) No representation for enhancement of rates once accepted will be considered.

However, in exceptional cases if KSID is convinced of any compelling need for enhancement of rate, it may do so.

(b) In the case of imported goods, when the price accepted is the ex-site price quoted by the tenderer, the benefit of any reduction in the c.i.f. price should accrue to KSID.

24. Any attempt on the part of the tenderers or their agents to influence the KSID/Stores Purchase Department in their favour by personal canvassing with the Officers concerned will disqualify the tenderers.

25. Tenderers should be prepared to accept orders subject to the penalty clause for forfeiture of security in the event of default in supplies or failure to supply within the stipulated period.

26. Samples should be forwarded if called for and unapproved samples go back by the tenderers at their own cost. Samples sent by V.P. Post or 'freight to pay' will not be accepted. The approved samples may or may not be returned at the discretion of the undersigned. Sample sent by post, railway or plane should be so despatched as to reach the Purchasing Officer not later than the date on which the tenders are due. In the case of samples sent by railway the receipt should be sent separately and not along with the tender since the tender will be opened only on the appointed day and demurrage will have to be paid if the railway parcels are not cleared in time. KSID will not be responsible if any sample is found missing at any time due to the non-observance of the provisions of this clause. Tenderers whose samples are received late will not be considered. Samples should be forwarded under separate cover duly listed and the corresponding number of the item in the tender schedule should also be noted in the list of samples. Tenders for the supply of materials are liable to be rejected unless samples, if called for, of the materials tendered for are forwarded.

27. (a) The prices quoted should be inclusive of all taxes, duties cesses, etc., which are or may become payable by the contractor under existing or future laws or rules of the country of origin/supply or delivery during the course of execution of the contract.

(b) In case payment of customs/excise duty is to be made by the Purchasing Officer, the Purchasing Officer will pay the duty on the "unloaded invoice price" only in the first instance, any difference being paid when the tenderer produces, the final assessment orders later.

28. The tenderer will invariably furnish the following certificate with their bills for payment:-

"Certified that the goods on which sales tax has been charged have not been exempted under the GST Act or the Rules made there under and the charges on account of GST on these goods are correct under the provisions of the relevant Act or the rules made there

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under, Certified further that we (or our Branch or agent) (Address) are registered as dealers in the State of under Registration No. for purposes of GST.”

29. Special conditions, if any, of the tenderers attached with the tenders will not be applicable to the contract unless they are expressly accepted in writing by the purchaser. (This applies only to the case of supply contracts where works such as erection and construction have also to be done.)

30. In the event of any question or dispute arising under these conditions or any special conditions of this contract or in connection with this contract the same shall be referred to the award of an arbitrator to be nominated by the KSID officer and an arbitrator to be nominated by the contractor or in case of the said arbitrators not agreeing then to the award of an umpire to be appointed by the arbitrators in writing before proceeding on the reference and the decision of the arbitration or in the event of their not agreeing of the umpire appointed by them shall be final and conclusive and the provision of the Indian Arbitration Act, 1940 and of the rules there under and any statutory modifications thereof shall be deemed to apply to and be incorporated in this contract. Upon every and any such reference the assessment of the costs incidental to their reference and award respectively shall be in the discretion of the arbitrators or in the event of their not agreeing of the umpire appointed by them. The venue of arbitration shall be the place from which the acceptance of tender is issued or such other place as the purchaser at his entire discretion may determine.

31. The tenderer should submit along with his tender an agreement executed and signed in Kerala Stamp Paper of value Rs.200 purchased in the Kerala State. Stamp Paper will be supplied to firms outside Kerala on payment of Rs.220 (Rs.200 being the value of the stamp paper and Rs.20 incidental charges) which may be remitted by money order in advance. A specimen form of agreement is also given in this Annexure. Tenders without the agreement in stamped paper will be rejected outright. But in deserving cases where agreement has not been received, the Purchasing Officer may exercise his discretion and call upon such tenderer to execute the agreement within a period of ten days from the date of issue of such intimation, if the Purchasing Officer is satisfied that the omission to forward the agreement along with the tender was due to causes beyond the control of the tenderer and was not due to any negligence on his part. Agreement received from a tenderer after the above time limit will not be considered.

32. Documents Establishing Tenderer's Eligibility and Qualifications

The Tenderer shall furnish, as part of its tender, documents establishing the tenderer's eligibility to bid and its qualifications to perform the Contract if its bid is accepted. The documentary evidence of a tenderer's eligibility to bid shall establish to the Purchaser's satisfaction that the Bidder, at the time of submission of its tender. The documentary

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evidence of the tenderer's qualifications to perform the Contract if its bid is accepted, shall establish to the Purchaser's satisfaction:

33. Format, Signing of tender and submission of tender

1. The tenderer have to submit their bids to the *Principal, KSID*.
2. The tender documents shall be submitted in a single cover.

Cover shall contain the following documents.

- a. **DD for EMD and Tender Fee.**
- b. **Signed Preliminary Agreement.**
- c. **Signed Form of Tender.**
- d. **Schedule of Tender.**
- e. Copy of sales tax clearance certificate from the accessing authority not more than one year old.
- f. Affidavit of Non-blacklisting on Non-Judicial paper duly notarized not more than six months old.
- g. Documents showing the detailed specification of the offered item.
- h. Documents showing details of warranty, commissioning, and training if available.
- i. Copy of brochure, leaflets etc if available

The documents a, b, c and d are mandatory and the "Tender "without the mandatory documents will be out rightly rejected

3. All documents of the tender shall be typed clearly and shall be signed by the tenderer or a person or persons duly authorized to bind the tenderer to the Contract.
4. The tender shall be submitted at the KSID office by post or in person on or before the due date of submission of Tenders.

34. Bid Opening and evaluation of Bids

1. The Purchaser will open all bids, in the presence of Tenderer' representatives who choose to attend, **at the time mentioned in the Tender Document at Kerala State Institute of Design, Chandanathope, Kollam, Kerala -691014**
2. The Tenderer's representatives who are present shall sign a register evidencing their attendance. In the event of the specified date of Bid opening being declared a holidays for the Purchaser, the Bids shall be opened at the appointed time and location on the next working day.

35. Clarification of Bids

The bids will be evaluated by the purchaser in due time and purchaser may, at its discretion, ask the tenderer for clarification of its bid. The request for clarification and the response shall be in writing/email.

36. Award of Contract

- 1) It will be based upon an examination of the documentary evidence of the Tenderer qualifications submitted by the Tenderer as well as such information as the purchaser deems necessary and appropriate.
- 2) Eligible tenderer will be determined based on the evaluation of the bid documents and tenderer who became ineligible during the bid evaluation will be rejected.

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3) The Purchaser will award the Contract to the successful Bidder whose price bid has been determined as the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.

37. Warranty

The items supplied by the tenderer should be under warranty for a period of minimum one year from the date of commissioning and the tenderer has to ensure the smooth functioning of the supplied items during this warranty period.

38. Supply, Commissioning and Training

The tenderer has to supply the item to KSID, Kollam in time, as specified in the tender schedule. The item should be installed, tested, and commissioned. Training should be given by the tenderer for the normal operation of the supplied item (at no extra cost).

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Annexure I

Form of Tender

From

To

Sir,

I/We hereby tender to supply, under the annexed general conditions of contract; the whole of the articles referred to and described in the attached specification and schedule, or any portion thereof, as may be decided by Government, at the rates quoted against each item. The articles will be delivered within the time and at the places specified in the schedule.

*I/We am/are remitting/have separately remitted the required amount of `
(Rupees..... only) as earnest money.

Yours faithfully

Signature

.....

Address.....

.....

Date:

*(To be scored in cases where no earnest money deposit is furnished)

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Annexure II

Preliminary Agreement

Articles _____ of agreement executed on this _____ day
of.....

.....between the **Managing Director, the Kerala Academy for Skills Excellence** (hereinafter called KSID) of the one part and Shri.....

..... (H.E.name and address of the tenderer) (here in after referred to as “the bounden”) of the other part.

WHEREAS in response to the Notification No.....dated.....the bounden has submitted to KSID sealed tender for the specification there in subject to the terms and conditions contained in the said tender;

WHEREAS the bounden has also deposited with KSID a sum of

..... As earnest money for execution of an agreement, undertaking the due fulfilment of the contract in case his tender is accepted by KSID.

NOW THESE PRESENTS WITNESS and it is here by mutually agreed as follows:

1. In case the tender submitted by the bounden is accepted by the KSID and the contract for..... is awarded to the bounden, the bounden shall within 20 (twenty) days of acceptance of his tender execute an agreement with the KSID incorporating all the terms and conditions under which the KSID accepts his tender.
2. In case the bounden fails to execute the agreement as aforesaid incorporating the terms and conditions governing the contract, KSID shall have power and authority to recover from the bounden any loss or damage caused to KSID by such breach as may be determined by the KSID by appropriating the earnest money deposited by the bounden and if the earnest money is found to be inadequate the deficit amount may be recovered from the bounden and his properties movable and immovable in the manner here in after contained.
3. All sums found due to KSID under or by virtue of this agreement shall be recoverable from the bounden and his properties movable and immovable under the provisions of the Revenue Recovery Act forth time being in force as though such sums are arrears of land revenue and in such other manner as the Government may deem fit.

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IN WITNESS WHERE OF Principal, Kerala **State Institute of Design**,
Chandanathope, Kollam, Kerala -691014an d Shri .
..... Bounden have here unto set their hands
the day and year shown against their respective signatures.

Signed by
Shri.....(date).....
In the presence of witnesses:

1.

2.

Signed
byShri.....(date).....
In the presence of witnesses:

1.

2.

Annexure III

Tender schedule and Specification

A) Schedule

Item Number	Name of Item	Number of Equipments
01	Portable Cylinder Model Incinerator of 30 kg /hr cylinder.	1

B. Detailed Specification of Items

Sr No	Equipment	Description	Nos
01	Portable Cylinder Model Incinerator of 30 kg /hr cylinder.	<p><u>01.Combustion Chamber</u> :</p> <p>Internal Dia and height : (20 inch * 40 inch) External Dimension and height : (32inch * 60 inch) including shell top. Inside lined with Alumina firebricks (50%),with an instulation of cold face insulation powder and final structure made by Heavy MS Structure.</p> <p style="padding-left: 40px;">a. Fire Bricks – std.cross section of available in IS-8 grade – Cupola – 8*6*3*3 (inches)</p> <p><u>02.Fire Clay</u> – Fine Clay of – 22 mesh. Available in IS-8 grade</p> <p><u>03.Cold Face Insulation Powder</u> – 2’’to 7’’(thickness) – RRCF Clay Base</p> <p><u>04.Ceramic fiber blanket</u> – 3’’ (thickness) – Fine insulation</p> <p><u>05.Treated Clay</u> – 1’’ (thickness) – Fine insulation</p> <p><u>06. Shell Top</u> : Made of 6 mm, MS coated inside with fire concrete and insulate 7</p> <p><u>07.Chimney</u>: Made of corrosion free Galvanized Iron steel chimney of dia 05 inches with 5.4mm thickness and 30 feet height</p> <p><u>08.Grill</u> : 20 mm Mild Steel</p> <p><u>09.Doors</u> : 4 mm thickness MS carbon steel molded with fire concrete and heat resisting ‘insulate 11’</p>	1

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		(With three year Warranty, Three year warranty for Outer body painting,refractory brick, and Insulation)	

Note: Consignee: Principal, Kerala State Institute of Design (KSID)
Chandanathope,Kollam

Annexure IV

Schedule -Submission Format

SI No	Item Description	Specification	Deviation in Specification(if any)	Unit	Rate	
1.				No		

