

RFP No: KSIDC/TVM/PMU-W2E/02/2018

Request for Proposal

For

**Detailed Site Assessment Study covering Soil Investigation and
Topographic Study including Geographical and Environmental
Features of sites identified for Integrated Waste to Energy Projects.**

(Total 18 Pages)

November 2018



KSIDC

Kerala State Industrial Development Corporation Limited
(A Public Sector Undertaking of Government of Kerala)

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1. Introduction

- 1.1 Kerala State Industrial Development Corporation Limited (KSIDC) is the premier Government agency mandated for the industrial and investment promotion in the state of Kerala. As a nodal agency for foreign and domestic investments in Kerala, KSIDC facilitates clearances, approvals and processes various incentive schemes for starting new business ventures in the state. KSIDC is propelling the industrial growth in the state through Technical feasibility and financial viability evaluation, Financial structuring and loan syndication, Industrial and Infrastructure Development, Single window clearance mechanism, Hand- Holding projects till completion and Facilitation of Mega Projects. KSIDC also acts as the State agency for the facilitation /implementation of select mega initiatives.
- 1.2 The rapid urbanization, constant change in consumption pattern and social behaviour have increased the generation of municipal solid waste (MSW) in Kerala beyond the assimilative capacity of environment and management capacity of the existing waste management systems.
- 1.3 Therefore, there is an urgent necessity of improved planning and implementation of comprehensive MSW management systems for upgrading the environmental scenario of the State.
- 1.4 In order to mitigate the issue of waste accumulation in urban areas in the State, the State Government has decided to set up Integrated Solid Waste Management projects with Waste to Energy plants at identified locations across the state through private implementing agencies with proven technologies. State Government has constituted a State Level Advisory Committee chaired by Chief Secretary to coordinate further proceedings in this regard. In addition State Government has appointed Kerala State Industrial development Corporation Ltd as the nodal agency for coordinating the implementation of such kind of projects in waste management sector in the state .
- 1.5 The State Level Advisory Committee in its subsequent meetings decided to set up integrated waste processing (waste to Energy) plants with modern technologies in the following locations across the state in Public Private Partnership mode.
- 1.6 State Government has identified locations in Trivandrum, Kollam, Trichur, Palakkadu, Kannur,

Malappuram and idukki districts for the project. The private implementing agency will be identified through a Global Tender process and the selected sites will be given to the implementing agency on a long term lease basis.

- 1.7 This RFP is issued by Kerala State Industrial Development Corporation Ltd for selecting a suitable agency for undertaking detailed site assessment study covering soil investigation, topographic study including geographical and environmental features of the locations identified for the setting up of waste to energy projects in the above said districts.

2. Invitation of Bid

- 2.1 Kerala State Industrial Development Corporation Ltd. (KSIDC), as the Nodal Agency on behalf of GoK, invites online Bids (E-Tender) under two cover system from eligible applicants, who fulfill qualification criteria as stipulated in clause 4 of this RFP document through the Kerala Government e-tender portal <https://etenders.kerala.gov.in>. for detailed site assessment study covering soil investigation, topographic study including geographical and environmental features of the following locations identified for the setting up of waste to energy project at in Trivandrum, Kollam, Trichur, Palakkadu, Kannur and Malappuram districts

Sl	District	Location	Extent of land in acres
1.	Thiruvananthapuram	Peringamala village	15
2.	Kollam	Kureepuzha	7.05
3.	Thrissur	Lalur, Aranattukara village	15

4.	Malappuram	Panakkadu	10
5.	Kannur	Chelora village	9.7
6.	Palakkad	Kanjikkode, Puthussery Central village	15
7.	Idukki	Munnar	2

2.2 Interested parties may obtain the Request for Proposal documents from the website

www.etender.kerala.gov.in & www.ksidc.org.

3. Key Details

1)	Tender inviting Authority Designation and Address	The Managing Director Kerala State Industrial Development Corporation Limited, T.C. XI/266, Keston Road, Thiruvananthapuram Kerala - 695003, INDIA. Tel: +91 471 2318922 E-mail: pdw2e@ksidcmail.org
2)	Name of the project	(Tender Ref No KSIDC/TVM/PMU-W2E/02/2018) : Detailed site assessment study covering soil investigation, topographic study covering geographical and environmental features of the locations identified for the setting up of waste to energy projects in Trivandrum, Kollam, Trichur, Palakkadu, Kannur, Malappuram and Idukki districts in Kerala
3)	Mode of Tender	e-tender through the Government of Kerala tender portal https://etenders.kerala.gov.in (Please visit the e-tender portal for technical details of submission of tender through the portal)
4)	Tender Fee	INR.10,000/- (Indian Rupees Ten Thousand Only) plus 18% GST (To be paid online through e-tender portal or by way of electronic transfer to the account of Kerala State Industrial Development Corporation Limited)
5)	Bid validity	Min. 180 days from the Bid Due Date,

		extendable for max. of another 180 days on mutual consent.
6)	Completion period of the work	60 days from the period of work order
7)	Date of start of Tender Document download	21/11/2018 (at https://etenders.kerala.gov.in and www.ksidc.org)
8)	Site Visit	Will be arranged on request (Request to be sent to pdw2e@ksidcmail.org on or before 26/11/2018)
9)	Last date of seeking clarification	28/11/2018 till IST 15:00 hrs
10)	Pre-bid Meeting	On [29/11/2018] at IST [11.00 am] hrs at Kerala State Industrial Development Corporation Office, Keston Road, Kowdiar Trivandrum
11)	Response to Pre-bid Queries	On or before 30/11/2018
12)	Last Date and Time of submission of Tender	03-12- 2018, IST 14:00 hrs (at https://etenders.kerala.gov.in only)
13)	Date and Time of opening of Cover 1 ("Fee/Prequal/Technical proposal")	05-12- 2018, IST 14:00 hrs
14)	Technical Evaluation and Presentation by Bidders	Will be informed later
15)	Date and Time of opening of Cover 2 ("Price Bid")	Will be informed later
16)	Hard copy submission of bid, stamp paper/notarised documents	On or before 03- 12- 2018, IST [15:00] hrs At Kerala State Industrial Development Corporation Limited, T.C. XI/266, Keston Road, Thiruvananthapuram Kerala - 695003, INDIA

4. Scope of Services

4.1 The scope of work includes the following studies for the 7 locations as detailed in clause 2.1 of this RFP document :

- a. To undertake the representative testing (physical & chemical) of the feedstock/ MSW in the locations.
- b. To prepare the climate data of the district/ city

- c. To prepare the existing and projected waste generation for 25 years
- d. To study the capacity of land identified for WtE project including landfill requirement
- e. To study Existing site conditions (ownership of land, exact total area of land, nearest substation for power evacuation, source of water available nearby i.e. surface & ground water, topographic & soil conditions)
- f. To study other relevant site conditions related to MSW Rules 2016 and subsequent amendments

5. Minimum Eligibility Criteria

5.1 The bid under this RFP will be considered only from those bidders who meet minimum eligibility criteria as stipulated below.

- a) The agency should be in the business of consultancy services in waste management sector in India for at least 5 years.
- b) The agency should have undertaken similar assignment for any of the central/ state Government Department/ Agency within the last 2 financial years.
- c) The agency should have an annual turnover of 2 Crores in each of the last three financial years.

6. Study duration & Payment schedule.

6.1 Consultancy services shall commence from the date of acceptance of the Letter of Award (LOA) whichever is earlier. The time frame for conducting the study, shall be as follows:

No:	Activity	Duration from date of commencement	Terms of Payment
1	Submission of initial study report	15 days	25%
2	Submission of draft study report	45 days	35%
3	Submission of final study report	60 days	40%

7. Instructions on E – Tender

- 7.1 The Bid should be submitted online at website <https://etenders.kerala.gov.in> in the relevant covers only, by the due date and time, as specified in the Key Details. Late/delayed tenders submitted online after the due date and time, for whatsoever reasons will not be considered. The Server Date & Time as appearing on the website <https://etenders.kerala.gov.in> shall only be considered for the critical date and time of tenders. Offers sent through post, telegram, fax, telex, e-mail, courier will not be considered.
- 7.2 Partially completed/incomplete bids shall not be considered.
- 7.3 All communication regarding how to submit offers shall be done online through website <https://etenders.kerala.gov.in> OR pdw2e@ksidcmail.org.
- 7.4 Bidders shall be required to arrange all resources, including Digital Signature Certificates and Internet Connections at their own cost, for participating in online tenders at <https://etenders.kerala.gov.in>.
- 7.5 KSIDC shall not be responsible for any delays reasons whatsoever in receiving as well as submitting offers, including connectivity issues. KSIDC shall not be responsible for any other delays in submitting any documents wherever applicable.
- 7.6 KSIDC will not be responsible for the cost incurred in preparation and submission of bids online including the cost of digital certificate, regardless of the conduct of outcome of the bidding process.

8. Submission of Bids

- 8.1 Each bid has to be submitted in a single envelope. Each cover should have two separate covers:
Cover 1 should be marked as TECHNICAL BID DOCUMENT
Cover 2 should be marked as FINANCIAL BID DOCUMENT
- 8.2 The Technical bid cover should include the details sought in the statement at Annexure 2, along with copies of all supporting documents mentioned therein. The financial bid cover should enclose the letter, providing the financial bid in the format as given in Annexure 3.

8.3 A bidder can submit only one proposal. If the Bidder submits more than one proposal, such proposals shall be disqualified. Bids received after the closing date and time mentioned above will be rejected without any further communication on the matter.

9. BID EVALUATION

9.1 Bids will be evaluated by an Evaluation Committee constituted for the purpose. Evaluation of minimum eligibility: The first stage of evaluation will be based on the minimum eligibility criteria detailed above. Only those bids, which fulfil above criteria, will be subjected to detailed technical evaluation.

9.2 A two-stage procedure will be adopted for technical evaluation. Technical evaluation will consist of scrutiny of the documents submitted and awarding marks as per the bid evaluation criteria enumerated below. All bidders being considered at this stage will be invited for making a presentation before the Evaluation Committee. Technical bid document should have the following sections:

Company Profile: Include firm name and address and list key members of the team. Provide a copy of the Registration document and PAN number. Provide contact information, including name, telephone and facsimile numbers and e-mail address.

Annual Turnover: Provide proof of annual turnover- audited balance sheet/audited accounts of the firm for the last three financial years.

Work experience: Includes details of background, expertise and experience in carrying out similar studies for waste to energy projects.

Financial bid: Each firm should quote a lump sum fee in Indian Rupees to provide all the deliverables given in the Scope of Work. The quoted fee should not be a qualified or conditional one. The fee will be net, and all applicable taxes will be computed extra.

10. SELECTION PROCESS

10.1 The selection will be made on a Quality cum Cost Based System. The total score of each firm will be arrived on the following pattern:

Technical evaluation - 75 marks
 Financial score - 25 marks
 TOTAL - 100 marks

10.2 The Technical evaluation will be as per the criteria and weightage below:

Sl. No	Criteria	Max Score	Guidelines for Scoring	Proof to be submitted
1	Annual Turnover (3 years)	15	Minimum Rs 2 Crores – 5 marks per year	Audited balance sheet of the company (last 3 financial years)
2	Company profile	20	Experience of key persons in the company.	Brief profiles of key persons; including period Profile of the company.
3	Work experience with Government /Ministries/ PSUs / Other agencies	20	5 marks for each client	Copies of Work orders / performance certificates/ letters
4	Experience in similar site assessment studies for infrastructure development projects	20	10 marks per client	Copy of work orders/ sample clippings
6	Financial bid	25		Financial bid document
	Total	100		

10.3 Financial Score will be arrived at as follows:

The firm quoting the lowest fee will be awarded 25 marks. The other firms will be allocated marks based on the formula “ $25 * PL/P$ ”, where P is the fee quoted by the firm and PL the lowest fee quoted.

Based on the above scoring system, the firm scoring the highest marks will be awarded the work.

10.4 KSIDC reserves the right to call for any further information. Any information furnished by the firm found to be incorrect at any stage would render them being declared ineligible. The board shall not be responsible for any postal delay. Incomplete application may summarily lead to rejection of the application. The competent authority shall have the right to reject any or all the bid without assigning any reason.

10.5 KSIDC reserves the right to extend the service on mutually agreed terms and on satisfactory performance by the agency. KSIDC also reserves the right to give any additional work to the agency, if needed, but which is not covered under the current scope of work and on mutually agreed terms of service.

Letter of Transmittal

(In the firm's letter head)

Ref No:
Dated

To

Managing Director
Kerala State Industrial Development Corporation Ltd
Keston Road, Kowdiar
Thiruvananthapuram -695003
Tel: +91-471-2318922, Fax: +91-471-2315893

Sub: Submission of Request for Proposal (RFP) for detailed site assessment study covering soil investigation, topographic study covering geographical and environmental features of the locations identified for the setting up of waste to energy projects in Trivandrum, Kollam, Trichur, Palakkadu, Malappuram, Kannur and Idukki Districts in Kerala.

Having examined the notice inviting Request for Proposal (RFP) for the above project, I/we hereby submit our Expression of Interest and the relevant information.

1. I/We undertake, if our application is accepted, to present our conceptual plan and facilitate KSIDC to develop a Terms of Reference (TOR) as and when requested by KSIDC to its best satisfaction.

2. I/We have read the provisions of the Request for Proposal (RFP) and confirm that these are acceptable to us. All necessary clarifications, if any, have been sought for by us and duly clarified in writing, by KSIDC.
3. I/We fully understand that the submission of this Request for Proposal (RFP) does not bestow upon us any rights in any further tenders arising out of this conceptual plan. Such tenders may be governed under the terms of reference as deemed essential for that.
4. I/We also authorize KSIDC to approach individuals, employers and firms to verify our competence and general reputation.
5. I/We understand that KSIDC will be at liberty to finalize project parameters and issue a tender to appoint a consultant for the project, after assessing the response from the parties.
6. This call for EOI does not constitute a solicitation. KSIDC/ Government of Kerala reserve the right to change or cancel the requirement at any time during the EOI.

Signature(s) of the Applicant(s)

Seal with Place & Date

TECHNICAL BID

Sl.No.		Details
1	Name	
2	Year of Establishment	
3	Place of Incorporation	
4	Address of Registered Office	
5	Address of Office in Kerala	
6	Details of branches/associates outside Kerala	
7	Company profile : (include brief profiles of team members/ full time employees) : (Attach detailed profile)	
8	Legal status of Bidder : (proprietor/partnership/private ltd/public ltd)	
9	GST Registration (enclose copy) :	
10	PAN no (enclose copy) :	
11	Contact details of CEO/head of the agency : (name, address, phone, email, mobile)	
12	Work Experience in years (provide details of Government / Ministries/ PSUs clients)	

13	Domain Experience : (Provide details of experience in handling clients in similar area)	
14	Turnover : (Enclose supporting documents)	

SIGNATURE & NAME (along with seal)

FINANCIAL STATUS OF THE APPLICANT

Fill in the blanks for each of the last three fiscal years, duly certified by Chartered or Public Account or Chamber of Commerce

1 . Turnovers during last 3 financial years:

Amount	2015-16	2016-17	2017-18

(Signature of Applicant)

FINANCIAL BID

To

**Managing Director,
KSIDC Ltd,
Keston Road,
Kowdiar,
Thiruvananthapuram-695003**

Dear Sir,

I hereby submit the Financial Bid for the detailed site assessment study covering soil investigation, topographic study covering geographical and environmental features of the locations identified for the setting up of waste to energy projects in Trivandrum, Kollam, Trichur, Palakkadu, Malappuram, Kannur and Idukki Districts in Kerala.

I hereby offer to fulfill the deliverables as per the scope of work outlined in the bid document for a lump sum fee of Rs plus GST as applicable.

Yours faithfully,

(Signature of the authorized
representative)

Full Name:

Designation:

Name and Address of the

Agency: Seal:

Date:

Place:

ANNEXURE-V

Particulars of similar major studies carried out by the Applicant firm/ entity

Sl.No.	Name of the client	Name of the study	Year	Description