



Invitation for Market Sounding

Background Note to the experienced Agencies in Dumpsite Remediation

Objective of the Market Sounding

KSWMP proposes to initiate an open **online discussion** with the target group of experienced Dumpsite Remediation Agencies in India. The objective of the Open Forum is to seek and collate information from the highly experienced and competent Agencies about the challenges in Dumpsite Remediation and to factor in such issues, while formulating a Bid Document for selection of suitable Agency / Agencies for undertaking the remediation of Dumpsites in Kerala. During the **Market Sounding Meeting** proposed to be held online at **2.30 PM on Wednesday, 31/05/2023**, KSWMP will showcase the proposed action plan for bio-remediation and would seek feedback from the eligible Agencies either during the meeting or through one-to-one submissions later on.

The inputs collated through the Open Forum of the Market Sounding Meeting would be used during the preparation of the bid documents in order to maximize the participation by truly eligible Agencies.

Modalities for participation

Eligible Agencies who have the impeccable track-record of having satisfactorily completed bio-remediation Projects, may write to KSWMP by email to: tenderkswmp@gmail.com; before 12 noon on Wednesday, 31/05/2023, with brief details of their prior experience. After scrutiny of the Firm's credentials, KSWMP shall share the **link** for the online Market Sounding Meeting scheduled at 2.30 PM on Wednesday, 31/05/2023,

KSWMP – a snapshot

The Government of Kerala (GoK) is implementing the World Bank assisted **Kerala Solid Waste Management Project (KSWMP)** with the objective of strengthening institutional and service delivery systems for **Municipal Solid Waste Management (SWM)** in the State. GoK has constituted a Project Management Unit (PMU) with the overall implementation responsibility. For the time-bound implementation of the Project, the PMU is supported by a Project Management Consultant (PMC) and four Technical Support Consultants (TSCs).

Bioremediation of Legacy Dumpsites

Bioremediation of Legacy Dumpsites is one of the prioritized activities under the Project. KSWMP has identified 22 dumpsites spread across 22 Urban Local Bodies of the State distributed over 11 districts of the State for remediation. The list of the sites with basic details and location map are attached as Annexure 1 & Annexure 2. The total accumulated volume of waste in the 22 sites is estimated to be approximately 524,942 cubic metres with individual volumes ranging from 900 m³ to 86,662 m³.

KSWMP Action Plan for Dumpsite Remediation

KSWMP proposes to complete the bioremediation work in all the 22 Dumpsites by 31st March, 2024. Presently, the TSCs are carrying out the field investigation works as part of the Feasibility Study (FS) / DPR preparation in all the sites and the Feasibility Reports are expected to be ready by end June, 2023. As per the tentative schedule, KSWMP is proposing to invite bids from eligible Agencies early July 2023 and the selection of the eligible Contractor/s is expected to be completed by September, 2023. It is proposed to complete the remediation work in all the Dumpsites in six months. As per the initial plans it is envisaged that there may be three bid packages with each one having six to 8 dumpsites packaged together. The 3 clusters will have the following estimated quantities:

Cluster-1: 8 sites with total quantity of 203,656 m³

Cluster-2: 8 sites with total quantity of 1,83,611 m³

Cluster-3: 6 sites with total quantity of 1,37,675 m³

Discussion Points

In view of the tight timelines, KSWMP would like to have a better understanding of market realities so as to design appropriate procurement plan/strategy. KSWMP would like to have following information from prospective agencies.

- Time required for mobilization and commencement of work
- Time required for completion considering multiple sites
- Time required for obtaining various statutory clearances
- Preference for bid size in terms of quantity and spread
- Waste stream-wise market strategy

- Forward linkages for various segregated fractions including recyclables, RDF, soil/earth and inerts (tie-ups with recyclers/cement plants/construction industry/land developers, etc.)
- Support required from client

Sd/-

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Annexure 1: List of 22 Dumpsites

S.No.	District	ULB Name	Dumpsite Name	Longitude	Latitude	Quantity (M3)	Total area (Acre)	Dump area (Acre)
Cluster-1								
1	Kollam	Kottarakkara	Ugrankunnu	76.7685	9.0333	8245	1.41	0.37
2	Alappuzha	Kayamkulam	Murikkumoodu	76.5215	9.1735	9129	1.03	0.60
3	Kottayam	Kottayam	Vadavathoor	76.5588	9.5928	86662	7.7	3.712
4	Ernakulam	Koothattukulam	Town-Ward 15	76.5909	9.8637	900	0.4	0.29
5	Ernakulam	Kothamangalam	Kumbalathumury	76.6476	10.0797	21295	2.5	2.13
6	Ernakulam	Muvattupuzha	Kurianmala	76.5619	10.0030	31995	5.47	3.5
7	Ernakulam	North Paravoor	Vedimara	76.2422	10.1505	11860	2.4	1.25
8	Ernakulam	Kalamasseri	Kalamasseri	76.3278	10.0650	33569	1.95	1.02
Cluster-2								
9	Thrissur	Chalakkudy	Near Cosmos Club	76.3287	10.3163	4399	0.4072	0.4072
10	Thrissur	Kunnamkulam	Kunnamkulam	76.0586	10.6387	28934	3.928	2.014
11	Thrissur	Thrissur	Shakthan	76.2146	10.5161	14380	0.917	0.917
12	Thrissur	Wadakanchery	Kumbalangad	76.2234	10.6568	25238	2.86	1.3555
13	Palakkad	Ottapalam	Panamanna	76.3456	10.7867	9155	2.64	2.41
14	Palakkad	Palakkad	Koottupatha,Kodumba	76.6880	10.7673	76192	8.5	6.04
15	Malappuram	Manjeri	Vettekkode	76.1378	11.1100	17378	4.97	1.11
16	Malappuram	Malappuram	Puliyettummal	76.0430	11.0694	7936	4.46	0.50
Cluster-3								
17	Kozhikode	Vadakara	Puthiyappu	75.6056	11.5940	29765	1.52	1.25
18	Wayanad	Kalpetta	Vellaramkunnu	76.0552	11.5900	9485	8.0	1.1
19	Kannur	Iritty	Athithattu	75.6816	11.9679	1574	2.5	0.111
20	Kannur	Kuthuparambu	Palapparamba	75.5725	11.8363	15101	4.81	0.986
21	Kannur	Thalassery	Punnolpetty palam	75.5146	11.7218	70524	5.808	5.808
22	Kasaragod	Kasaragod	Kelugudde	74.9865	12.5162	11226	1.1	1.1
Total						524,942		

Annexure 2: Location Map

