

Scanned

D. Naskar
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To

Joint Secretary, UD&MA Dept., Govt. of West Bengal

Date: 16/09/2020

&

Member -Convener of SDTC

Re: Response to the queries raised by 19th SDTC on the tender titled "Bio Mining and Treatment of Legacy Waste located at the dumpsite in Dhapa" in the SDTC meeting held on 28th August 2020 (Agenda No: 10)

Sir,

The response to queries raised by 19th SDTC meeting for the Agenda No. 10 regarding the tender titled "Bio Mining and Treatment of Legacy Waste located at the dumpsite in Dhapa" on 28th August 2020 and the supporting Documents are enclosed for your kind reference


16/9/20

Ch. Mpl. Engg (SWM)

CHIEF MUNICIPAL ENGINEER (SWM)
KOLKATA MUNICIPAL CORPORATION

The project timeline for this project were as follows:

Sl.No.	Activity to be completed	Time period for Completion
1	Stautory Clearance Erection and Commissioning of the plant	3 months from the issuance of the LoI
2	To dispose of minimum 9 lakh MT of existing legacy waste from the Dhapa dump site	One Year from commissioning of the plant
3	To dispose of another 13 lakh MT of existing legacy waste from the Dhapa dump site	Two Year from commissioning of the plant
4	To dispose of another 18 lakh MT of existing legacy waste from the Dhapa dump site	Three Year from commissioning of the plant

Total Waste to be cleared 40 Lakh MT

Response to Queries

Sl. No.	Queries	Response
1	<p>Credential in terms of similar nature of work considered 7.5% instead of 30%</p>	<ul style="list-style-type: none"> • As per the SWM Rule 2016 all ULB's were asked to clear the existing dumpsites through Bio-Remediation/Capping or Bio- Mining. • Many ULBs adopted the Bio Remediation model however NGT later mentioned that ULBs should adopt the Bio- Mining method to clear the legacy wastes for the benefit of the Environment. • No standard model were present at the time the tender was floated by KMC. A lot of models e.g Pirana Model (Hiring of Trommels on rent) adopted by Ahmadabad Municipal Corporation and Indore Model were explored still the best suitable model was difficult to be determined. All these projects were not integrated projects. There were no comprehensive scope of work in both the tender documents. • Subsequently Hon'ble NGT asked CPCB to prepare the guidelines for disposal of Legacy waste (Old Municipal Solid Waste). CPCB had submitted the guidelines in Feb 2019. • The best suited model for KMC was determined by the technical committee but similar integrated model was not present in the country . Similar capacity of work was also not done throughout the country. • KMC also had to meet the timelines set by NGT hence a decision was taken to float the tender immediately. As per the NGT order the entire legacy was had to be cleared by Oct 2020. It was also decided that the credential will be kept a little above 30% of the volume of work for the 1st year. • Total quantity of legacy waste to be cleared at Dhapa dumpsite is 40 Lakh MT and the bidder had to clear 60 acre of land where presently dumping activities are going on. • No ULB had completed Bio- Mining of such huge quantity. • Hence, it was decided by the tender committee that since 30% of 900000 MT of work would be equal to 270000 MT. It was decided by the Tender committee that the credential will be 300000 (Three Lakh MT) a little above than the 30% of the first year work. • In case of Ongoing work 75% works had to be completed was also mentioned to comply with the WB Finance rule. • The idea for considering the credential on 1st year of the work was done to ensure maximum participation and also not compromise with the type and quality of participants.

Response to Queries

Sl. No.	Queries	Response
		<ul style="list-style-type: none"> • The Finance rule, GoWB also mentions that 30% in second call should be on the value of the work. There is no specific guidelines for capacity of work. Since the cost was difficult to be ascertained in such an integrated project the credential was kept on the capacity of work.
2	Credential not relaxed in 2 nd call	<ul style="list-style-type: none"> • Credential was relaxed by allowing bidders having Bio-Remediation experience. • Schedule I sub point J of SWM rule 2016 was considered • Since, it is a project of clearing a huge quantity of legacy waste of 40 Lakh MT the capacity credential could not be relaxed so that the participants who have undertaken large capacity projects can only participate.
3	Average Annual Turnover considered for INR 20 Crores (7.69%) which is very low in respect of project cost	<ul style="list-style-type: none"> • Since there were no guidelines to ascertain the project cost hence it was difficult to keep the turnover at 30% of the project cost. • The Average Annual Turnover is kept as INR 20 Crores to ensure maximum participation. • The turnover has been considered based on the clearance of legacy waste of 1st year i.e. 900000 MT . • The expected cost per MT was considered as INR 700 hence the cost for 1st year would be INR 630000000 (Sixty Three Crores) . 30% of INR 630000000 is INR 189000000 hence the turnover was kept a little above the first year cost i.e. INR 20 Crores. • If the turnover was considered on clearing the entire 40 Lakh MT then it would have been difficult to find bidders having such huge turnover.

Response to Queries

Sl. No.	Queries	Response
4	Scoring parameter changed in 2 nd call	<ul style="list-style-type: none"> • In the second call it was decided to keep the credential for single project . It was done to ensure bidder having experience of handling large capacity projects since the waste to be cleared was 40 Lakh MT within a span of 3 years. • The marks allotted for capacity of the project was reduced to give preference to the bidders who had the capacity to execute projects of higher capacity. • The waste to be cleared was 40 Lakh MT in a span of 3 years. In the 1st year, the bidder had to clear minimum 9 lakh MT of legacy waste. • After floating the tenders certain bidders were enquiring who were involved in Bio-mining of legacy waste but with very small capacity in different ULBs. None of the bidders had experience of handling large capacity work. Hence, in the pre- bid a decision was taken to consider the capacity of work as priority since the work had to be completed and KMC had to comply with the NGT orders. • Number was also allotted for bidders having exclusive Bio-Mining experience (Completed/running work)
5	Shortfall docs submitted in 2 nd call	<p>The shortfall documents were as follows:</p> <p>D.H. Patel- The firm was asked to submit the Agreement copy and Work Order of the work. The bidder had only submitted the Completion Certificate along with the Technical Bid. The firm also submitted the credential capacity in Cubic Metre (Cum) . A clarification was asked from the firm regarding the credential capacity in MT.</p> <p>Zigma Global Environ Solution Pvt Ltd – The firm was asked to submit the Agreement copy of the work and the bidder had not submitted the IT return Certificate for the FY 2018-19 . The bidder mentioned that they had not filed the IT return. On asking for clarification the bidder submitted the IT return Certificate.</p> <p>Easter Organic Fertilizer Pvt Ltd- The firm was asked to submit the Agreement copy of the work</p> <p>It was not known to KMC that shortfall documents can be collected through the e-tender Web Portal.</p> <p>The shortfall document were received via authorized email of the participants. An approval was taken from the tender committee regarding collecting the shortfall documents through email.</p>

Response to Queries

Sl. No.	Queries	Response
6	<p>Credential in terms of execution of work changed as cumulative capacity 3 Lakh MT to 3.5 Lakh MT =30 marks to 3 lakh MT to 3.5 Lakh MT =20 marks</p>	<ul style="list-style-type: none"> • In the second call it was decided to keep the credential for single project . It was done to ensure bidder having experience of handling large capacity projects since the waste to be cleared was 40 Lakh MT within a span of 3 years • After floating the tender certain bidders were enquiring who were involved in Bio-mining of legacy waste but with very small capacity in different ULBs. None of the bidders had experience of handling large capacity work. Hence, in the pre- bid a decision was taken to consider the capacity of work as priority since the work had to be completed and KMC had to comply with the NGT orders.
7	<p>Scoring parameter in terms of marks changed as 3 Lakh MT to 3.5 Lakh MT =30 marks to 3 lakh MT to 3.5 Lakh MT =20 marks</p>	<ul style="list-style-type: none"> • The marks allotted for capacity of the project was reduced to give preference to the bidders who had the capacity to execute projects of higher capacity. • The waste to be cleared was 40 Lakh MT in a span of 3 years. In the 1st year, the bidder had to clear minimum 9 lakh MT of legacy waste. • After floating the tender certain bidders were enquiring who were involved in Bio-mining of legacy waste but with very small capacity in different ULBs. None of the bidders had experience of handling large capacity work. Hence, in the pre- bid a decision was taken to consider the capacity of work as priority since the work had to be completed and KMC had to comply with the NGT orders.
8	<p>TIA may also be requested to certify that no written complaint from any bidder has been received so far and if received , details thereof</p>	<p>KMC has received a letter from Zigma Global Environ Solutions Private Limited dated 30.07.2020. The bidder has raised certain queries as follows:</p> <ol style="list-style-type: none"> 1. The experience provided by the bidder has not been considered properly <p>KMC Response- The Bidder Zigma Global Environ Solutions Private Limited had submitted two credentials as per Annexure 4 mentioned in the RFP document.</p> <ul style="list-style-type: none"> ➤ Credential 1- Remediation of Legacy Waste located at Atladara at Vadodara Municipal Corporation having a capacity of 300000 MT-The bidder had submitted a Self-declaration along with the Technical Bid that an extension order of another 75000 MT is awaited. The Bidder submitted the extension order later via email (after opening of the Technical Bid) however; no date was mentioned in the Extension Work Order. The capacity for this project considered by KMC was 3 Lakh MT as proper documents were only available for 3 Lakh MT

Response to Queries

Sl. No.	Queries	Response								
		<p>➤ Credential 2 - Remediation of existing MSW Dumpsite of Ajitsingh Nagar through Bio-Mining Process at Vijaywada Municipal Corporation having a capacity 305830.31 MT- The bidder submitted the necessary documents and this was the project considered as the highest capacity for Technical Evaluation.</p> <p>2. The Bidder asked KMC to provide the breakup of the score of 59.5</p> <p>KMC Response- The breakup of Zigma Global Environ Solutions Private Limited Score is provided below</p> <table border="1" data-bbox="734 667 2056 1426"> <thead> <tr> <th data-bbox="745 703 813 762">Sl No.</th> <th data-bbox="1211 687 1323 713">Criteria</th> <th data-bbox="1749 671 1839 730">Max Marks</th> <th data-bbox="1883 667 2018 906">Marks Scored by Zigma Global Environ Solutions Private Limited</th> </tr> </thead> <tbody> <tr> <td data-bbox="745 954 768 970">1</td> <td data-bbox="831 938 1720 1401"> <p>Technical Experience:</p> <p>Bidder has successfully completed/ongoing work related related to Bio-mining of legacy waste at dumpsites / city compost plants/ processing of solid waste/ Bio-remediation project during the last seven years in India</p> <p>Capacity will be considered for each project. The bidder should have executed projects of capacity of minimum 3 Lakh MT per project under single contract to be considered for evaluation.</p> <ul style="list-style-type: none"> • 3 Lakh MT to 3.5 Lakh MT- 20 marks • Above 3.5 Lakh MT to 5 LakhMT-35 marks • Above 5 LakhMT-40 marks </td> <td data-bbox="1771 922 1816 948">40</td> <td data-bbox="1928 916 1973 941">20</td> </tr> </tbody> </table>	Sl No.	Criteria	Max Marks	Marks Scored by Zigma Global Environ Solutions Private Limited	1	<p>Technical Experience:</p> <p>Bidder has successfully completed/ongoing work related related to Bio-mining of legacy waste at dumpsites / city compost plants/ processing of solid waste/ Bio-remediation project during the last seven years in India</p> <p>Capacity will be considered for each project. The bidder should have executed projects of capacity of minimum 3 Lakh MT per project under single contract to be considered for evaluation.</p> <ul style="list-style-type: none"> • 3 Lakh MT to 3.5 Lakh MT- 20 marks • Above 3.5 Lakh MT to 5 LakhMT-35 marks • Above 5 LakhMT-40 marks 	40	20
Sl No.	Criteria	Max Marks	Marks Scored by Zigma Global Environ Solutions Private Limited							
1	<p>Technical Experience:</p> <p>Bidder has successfully completed/ongoing work related related to Bio-mining of legacy waste at dumpsites / city compost plants/ processing of solid waste/ Bio-remediation project during the last seven years in India</p> <p>Capacity will be considered for each project. The bidder should have executed projects of capacity of minimum 3 Lakh MT per project under single contract to be considered for evaluation.</p> <ul style="list-style-type: none"> • 3 Lakh MT to 3.5 Lakh MT- 20 marks • Above 3.5 Lakh MT to 5 LakhMT-35 marks • Above 5 LakhMT-40 marks 	40	20							

Response to Queries

Sl. No.	Queries	Response		
2	Project Delivery:	<p>If the number of sites where successful Bio-mining of legacy waste at dumpsites / Bio-remediation project in India have been completed in the past seven years by the Bidder.</p> <p>The minimum capacity per project should be 3 Lakh MT Capacity will be considered for each project. The bidder should have executed projects of capacity of minimum 3 Lakh MT per project under single contract to be considered for evaluation.</p> <ul style="list-style-type: none"> • 1 to 2 sites - 10 marks • 3 to 5 sites - 15 marks • More than 5 sites - 20 marks 	20	10
3	Bio Mining for legacy waste Experience:	<p>If the Bidder has experience of Bio Mining of legacy waste (Completed/ Ongoing) projects in India They will be marks as following. Capacity will be considered for each project. The bidder should have executed projects of capacity of minimum 3 Lakh MT per project under single contract to be considered for evaluation</p> <ul style="list-style-type: none"> • 3 Lakh MT to 3.5 Lakh MT - 2 marks • Above 3.5 Lakh MT to 5 Lakh MT - 3 marks • Above 5 Lakh MT - 5 marks 	5	2

Response to Queries

Sl. No.	Queries	Response			
		4	Annual Turnover <ul style="list-style-type: none"> • INR 20 Crores to INR 50 Crores- 10 marks • Above INR 50 Cr to INR 75 Cr.- 12 marks • More than INR 75 Crores – 15 marks 	15	10
		5	Initial Implementation & Operation Plan (IIOP) along with Presentation	20	17.5
		Total	100	59.5	
Please refer to the attached Annexure for breakup of the marks					



Submitted with the bid

*Vadodara MC → Credentialed
20 marks*

Annexure 4: Credentials of the Bidder

Credentials - 1	
Assignment Name:	Remediation of Legacy waste located at Atadara utilizing various methodologies/ technologies confirming SWM Rule 2016 Swachh Bharat Mission Guidelines, Mahatma Gandhi, Swahhata Mission Guidelines and as per the guidelines of Hon. National Green Tribunal
Country:	India
Location within Country:	Atadara, Vadodara, Gujarat
Name of Client:	Vadodara Municipal Corporation
Is it a Government client:	Yes
Contact Details of Client:	Mr. Kashyap, Solid Waste Manager, Vadodara Municipal Corporation, Khanderao Market Building, Vadodara Contact No: 9879505255
Contract Value:	Rs. 26,61,00,000
Share of Contract Value:	100%
Start Date:	16.08.2018
Completion date:	30.12.2019
Has the Plant been commissioned:	1 st stage of Project has been completed
If the project is in O&M stage, how many months it is in O&M stage?	Awaiting extension of contract in 7 days
Payment received till date from Client:	Rs. 18,06,41,586
Cumulative Capacity of the work done:	3,00,000 MT
Narrative Description of project:	<ul style="list-style-type: none"> • Work order dated 19.08.2017 for 3 Lakh MT • Completion certificate 30.12.2019 • Awaiting extension in 7 days for 75,000 MT • Completed 3,00,000 MT out of 3,75,000 MT
Description of the Technology used:	Bio-Mining with Zero Residues

For Zigma Global Environ Solutions Pvt Ltd

N. B. B.

Authorised Signatory



Vadodara Muhanagar Seva Sadan
Khanderao Market Building,
Rajmahal Road,
Vadodara - 390 001.

P.B.X. 2433116-2433118
2433388-2433366
Fax : 0265-2433060

Date: 19/08/2017

Work Order

To,
Director
Zigma Global Environ Solutions Pvt. Ltd.
24.Kataimagal kalvi Nilayam Road.Erode-638001.
Tamilnadu.

S.W.M.O.NO:- 626
19/8/17.

Subject : Remediation of Legacy Waste located at Atladara utilizing various methodologies/technologies confirming SWM Rules -2016, Swachh Bharat mission Guidelines, Mahatma Gandhi Swachhata Mission Guidelines and as per the guidelines of Hon. National Green Tribunal

Reference : 1. EO1 vide PRO No.1051/16-17 Dated 14/12/2016.
2. Your Bid submission Dated 20/03/2017.
3. Standing Committee Resolution No: 210 Dated: 18/08/2017.

With respect to the above subject and references and your proposal for Remediation of Legacy Waste located at Atladara utilizing various methodologies/technologies confirming SWM Rules -2016, Swachh Bharat mission Guidelines, Mahatma Gandhi Swachhata Mission Guidelines and as per the guidelines of Hon. National Green Tribunal. It is to inform you that Standing Committee has accepted your proposal vide resolution No.210 Dated: 18/08/2017.

Further with this work order you are requested to carry out all required documentation, submission of EMD and SD as per the prevailing terms and condition of Vadodara Municipal Corporation along with agreement within next 15 days from the date of issuing of Work order.

Solid Waste Manager
Solid Waste Management
Vadodara Municipal Corporation

Copy To:-

1.Addl.City Engineer (GAS)

For Zigma Global Environ Solutions Pvt Ltd

Authorised Signatory

810/23-1-2020



VADODARA MUNICIPAL CORPORATION

Khanderao Market Building
Rajmahel Road
Vadodara 390 001.

P.B.X. : 2433116, 2433118
2433388, 2433666
FAX NO. : (0265) 2433060

Solid Waste Management
Vadodara Municipal Corporation
Date: 22.01.2020.

WHOMSOEVER IT MAY CONCERN

This is to certify that M/s Zigma Global Environ Solutions Pvt Ltd., No.24, Kalaimagal Katvi Nilaiyam Road, Erode - 638001 has received a work order from Vadodara municipal corporation for " Remediation of Legacy waste located at Atladara utilizing various methodologies/ technologies confirming SWM Rule 2016 Swachh Bharat Mission Guidelines, Mahatma Gandhi Swachhata Mission Guidelines and as per the guidelines of Hon. National Green Tribunal" on 19.08.2017

We here by confirm that they have successfully processed 3, 00,000 MT of Municipal Solid Waste using Bio Mining Technology by 30.12.2019 and have disposed all the aggregates

The capacity of their plant processing is approximately 800 MT per day.

Solid Waste Manager
Solid Waste Management
Vadodara Municipal Corporation



For Zigma Global Environ Solutions Pvt Ltd

Authorised Signatory

ZIGMA GLOBAL ENVIRON SOLUTIONS PRIVATE LIMITED

📍 H. Off. : 24, Kalaimagal Kalvi Nilayam Road, Erode - 638 001.
📍 Reg. Off : 201, 202-161/1-14, Brindhavan Orchid, Indira Gandhi Street,
Selvam Nagar, Thindal (KEL), Erode - 638 012.
📞 0424-2225157 📧 connect@zigma.in 🌐 www.zigma.in



CIN: U74999TZ2015PTC021251

Self Declaration

Date: 20.02.2020

To

Director General – Solid Waste Manager,
Solid Waste Management Department,
Kolkata Municipal Corporation,
48, Market Street, 2nd Floor,
Kolkata – 700087

Subject: "Bio mining and Treatment of legacy waste located at the dumpsite in Dhapa"

Dear Sir,

With reference to the above subject, we would like to inform you that for the contract "Remediation of Legacy waste located at Atladara utilizing various methodologies/technologies confirming Solid Waste Management Rules 2016(SWM Rules -2016) Swachh Bharat Mission Guidelines, Mahatma Gandhi Swachhata Mission guidelines and as per Guidelines of Hon. National Tribunal" located at Atladara, Vadodara, in principle the Vadodara Municipal Corporation has agreed to award the contract for extension quantity of 75,000 MT for which we are awaiting the work order.

We hereby indemnify that we will submit the copy of Work Order as soon we receive the same or on or before you issued the Letter of Acceptance, if we are declared L1.

Dated this 20th date of February 2020,

N. V. Balamurali

(Authorised Signature)

Name: N.V. Balamurali





VADODARA MUNICIPAL CORPORATION

KECA 01/2/2020

Khanderao Market Building
Rajmahel Road
Vadodara 390001

P.B.X.: 2433116, 2433118
2433388, 2433666

Solid Waste Management
Date: 01/02/2020

To,
Director
Zigma Global Environ Solutions Pvt. Ltd.
24, Kalaimagal kalvi Nilayam Road, Erode-638001.
Tamilnadu

835
01/02/2020

Subject : Completion of 3 Lakh MT Processing of Legacy waste as
per tender and request for extension.
Ref. : Your letter ZGESPL/RL/VMC/19-20/412 dtd. 15.11.2019

With reference to the above subject and your proposal of extension of
Atladara Bio remediation Project is under active consideration and sent for
approval of competent authority.

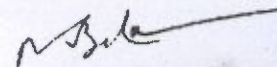
The letter regarding the same will be issued after approval of the same.


Solid Waste Manager
Solid Waste Management

Copy to:

1) Addl. City Engineer (Gas).....for information.

For Zigma Global Environ Solutions Pvt Ltd


Authorised Signatory



Vadodara Mahanagar Seva Sadan
Khanderao Market Building,
Rajmahal Road,
Vadodara - 390 001

P.B.X. 2433116-2433118
2433388-2433366
Fax : 0265-2433060

Date: 10/2/2020

Work Order

No date
909
28/12/2020

To:
Director
Zigma Global Environ Solutions Pvt. Ltd.
24, Kalimagal kalvi Nilayam Road, Erode-638001,
Tamilnadu.

Subject : Remediation of Legacy Waste located at Atladara utilizing various methodologies/technologies confirming SWM Rules-2016, Swachh Bharat Mission Guidelines, Mahatma Gandhi Swachhata Mission Guidelines and as per the guidelines of Hon. National Green Tribunal.

Reference : (1) Work Order S.W.M.O.No.626 Dated:-19/8/2017
(2) Your Concession Agreement with VMC Dated:-06/10/2017
(3) Standing Committee Resolution No. 427 Dated: 20/02/2020

With respect to the above subject and references, VMC have extended your work for Remediation of remaining 75,000 M.T Legacy Waste within 120 days from the date of issuing of Work order located at Atladara utilizing various methodologies/technologies confirming SWM Rules -2016, Swachh Bharat mission Guidelines, Mahatma Gandhi Swachhata Mission Guidelines and as per the guidelines of Hon. National Green Tribunal, It is to inform you that Standing Committee has accepted your proposal vide resolution No.427 Dated: 20/02/2020

Further with this work order you are requested to carry out all required documentation, submission of EMD and SD as per the prevailing terms and condition of Vadodara Municipal Corporation along with agreement within next 15 days from the date of issuing of Work order Zigma Global Environ Solutions Pvt. Ltd. should follow all terms and conditions of Tender Documents & Concession Agreement with VMC. Zigma Global Environ Solutions Pvt. Ltd. should handover clean & leveled ground after processing all remaining legacy waste at Atladra after project completion with in financial constraints of 75,000 M.T at Rate of Rs.887/M.T.

Sd/- Solid Waste Manager
Solid Waste Management
Vadodara Municipal Corporation.

Copy To:-

1. Addl. City Engineer (GAS)

For Zigma Global Environ Solutions Pvt Ltd

Authorized Signatory



Submitted with the bid

Vijaywada MC

Credentials - 2	
Assignment Name:	Vijaywada Municipal Corporation- Engineering- Remediation of existing MSW dumpsite of Ajithsingh Nagar Through Bio-Mining process in Vijaywada
Country:	India
Location within Country:	Ajith Singh Nagar, Vijaywada, Andhra Pradesh
Name of Client:	Vijaywada Municipal Corporation
Is it a Government client:	Yes
Contact Details of Client:	Mr. Chandrasekar, Executive Engineer, Vijaywada Municipal Corporation, Jawaharlal Nehru Building, Vijaywada, Andhra Pradesh Contact No: 9876514176
1 st Stage of Contract Value:	Rs. 21,05,00,000
Share of Contract Value:	100%
Start Date:	26.06.2018
Completion date:	31.07.2019
2 nd Stage of Contract Value:	Rs. 4,70,09,121
Share of Contract Value:	100%
Start Date:	14.02.2020
Completion date:	Work ongoing
Has the Plant been commissioned:	1 st stage of Project has been completed
If the project is in O&M stage, how many months it is in O&M stage?	2 nd Stage of project ongoing for 55,830.31 MT since 14.02.2020
Payment received till date from Client:	Rs. 9,05,07,931
Cumulative Capacity of the work done:	3,05,830.31 MT
Narrative Description of project:	<ul style="list-style-type: none"> • Letter of Acceptance dated 29.09.2017 for 2.50 Lakh MT ✓ • Completion certificate for 2.50 Lakh MT • Extension agreement signed on 13.02.2020 for 55,830.31 MT ✓ • Completed 2,50,000 MT out of 3,05,830.31 MT
Description of the Technology used:	Bio-Mining with Zero Residues

For Zigma Global Environ Solutions Pvt Ltd

[Signature]

Authorised Signatory



VIJAYAWADA MUNICIPAL CORPORATION
WHOMSOEVER IT AMY CONCERN

Dt 23-01-2020

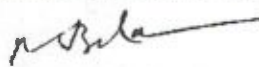
This is to certify that the work of "Remediation of existing MSW dumpsite at Ajith Singh Nagar through Bio-Mining Process in Vijayawada Municipal Corporation on " Design-Build - Operate (DBO)" has been entrusted to M/s, Zigma Global Environ Solutions Pvt Ltd., No 24, Kalaimagai Kalmi Nilayam Road, Erode - 638001 per 2.50 Lakhs Metric Ton vide Agreement No. CE-43/2017/18, Dt. 09-11-2017.

We hereby confirm that they have successfully processed 2.50 Lakhs Metric Tons of Municipal Solid Waste using Bio Mining Technology and have disposed the aggregates up to July-2019.

The capacity of their plant processing is approximately 1000 MT per 24 Hours.

23/01/2020
EXECUTIVE ENGINEER-IV
Municipal Corporation,
Vijayawada
EXECUTIVE ENGINEER
MUNICIPAL CORPORATION
VIJAYAWADA

For Zigma Global Environ Solutions Pvt Ltd


Authorised Signatory



ఆంధ్ర ప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH
 Serial No 7911 Denomination: 100, Date: 07-02-2020 Stamp no CK 910085
 Purchased By P SRINIVASA RAO For ZIGMA GLOBAL ENVIRON
 S/O SOMA RAJU SOLUTION PVT LTD
 ELURU VIJAYAWADA
 Ex. Office Stamp Vendor SRO Vijayawada

File No. : Rc CE-132462/2017.
 Suppl. Agmt. No. & Date : No. CE/ 21 /2019-20, Dt. 13-01-2020
 Name of the Work : Remediation of existing MSW Dumpsite at Ajithsingh Nagar through Bio-mining Process in Vijayawada Municipal Corporation on "Design-Build-Operate (DBO)"
 Name of the Consultants : M/s Zigma Global Environ Solutions Pvt. Ltd., H. Off. 24, Kalaimagal Kalvi Nilayam Road, ERODE. - 638 001
 Suppl. Agmt. Amount : Rs 842/- per 1 MT for Bio-Mining process.
 Additional Administrative Sanction : G.O R.T.No:30, Dt.13-01-2020 of MA & UD (B2) Dept.
 Additional performance Security Details : Rs.12,00,000/- vide BG bearing No.267071220000011, Dt.12-02-2020 valid up to 12-05-2021 issued by the Indian Overseas Bank, Large Corporate Branch, Coimbatore.

CONCESSION AGREEMENT FOR WORKS

I do hereby agree to execute the under mentioned descriptions of work in accordance with the conditions noted on the reverse and in consideration of payment being made by the Commissioner, Vijayawada Municipal Corporation, Vijayawada at the rates specified in the following schedule for the quantity of work executed

[Signature]
 CONCESSIONAIRE

2

[Signature]
 CHIEF ENGINEER

For Zigma Global Environ Solutions Pvt Ltd

[Signature]

Page 77 of 231 Authorised Signatory

Invited Request for Proposal (RFP) for the work Remediation of Waste
located at Ajithsingh Nagar utilizing bio-mining process on Design, Build and
Operate (DBO) basis.

AND WHEREAS the Concessionaire has submitted the RFP for the said work
accepting all the terms and conditions mentioned in the tender document
which is also part of the original agreement.

VMC after evaluating the aforesaid proposals, accepted the Proposal submitted
by the Concessionaire and entered original agreement vide Agreement No.CS-
31/017-18, Dt.09-11-2017 for carrying out the said Project

NOW THESE PRESENTS WITNESS and it is hereby agreed and declared
between and by the parties hereto as follows: -

1. Scope of Work:

To clear all legacy waste available at Ajith Singh Nagar Dump site through
scientific processing and to hand over reclaimed land after clearing and
leveling to VMC.

The Scope of the work for the project will broadly include: -

The Concessionaire has already disposed off 2,50,000 MT of legacy waste
and now the remaining quantity estimated as 55,830.31 T is
approximately up to 1 feet below ground level is to be cleared. Finally the
concessionaire has to completely clean all the legacy waste and handover
to VMC from the Ajith Singh Nagar Dumpsite through scientific
processing within 4 (Four) months from the date of signing of this
Agreement in accordance with Solid Waste Management Rules 2016
(SWM Rules 2016) & norms as amended from time to time.

Concessionaire shall also be responsible for disposal of all aggregates
which would include loading and transportation of such aggregates till
its disposal site as identified by the Concessionaire. The recovered
material must be utilized or disposed strictly in adherence to SWM Rules
2016 and the land recovery would be the ultimate goal of the project. The
terms and conditions of tender documents shall be the part of this
agreement.

Concessionaire has to carry out contour survey every month for
monitoring volumetric reduction of existing dump and contour survey.


CONCESSIONAIRE


CHIEF ENGINEER

For Zigma Global Environ Solutions Pvt Ltd



Authorised Signatory

"Bio mining and Treatment of legacy waste located at the dumpsite in Dhapa"

Tender id: KMC/SWM/RFP/BM/II/2019-20

Final Technical Score

Sl. No	Criteria	Score guideline	Marks	Max Score	Participant 1	Participant 2	Participant 3
					D.H. Patel	Zigma Global Environ Solutions Private Limited	Eastern Organic Fertilizer Private Limited
1	Technical Experience	<p>Bidder has successfully completed/ongoing work related to Bio-mining of legacy waste at dumpsites / city compost plants/ processing of solid waste/ Bio-remediation project during the last seven years in India</p> <p>Capacity will be considered for each project. The bidder should have executed projects of capacity of minimum 3 Lakh MT per project under single contract to be considered for evaluation.</p> <p>For ongoing project 75% of the work has to be completed and it has to be certified by the client.</p>	<p>Capacity</p> <ul style="list-style-type: none"> • 3 Lakh MT to 3.5 Lakh MT- 20 marks • Above 3.5 Lakh MT to 5 Lakh MT- 35 marks • Above 5 Lakh MT- 40 marks 	40	40	20	40
2	Project Delivery	<p>If the number of sites where successful Bio-mining of legacy waste at dumpsites / Bio-remediation project in India have been completed in the past seven years by the Bidder .</p> <p>The minimum capacity per project should be 3 Lakh MT</p> <p>Capacity will be considered for each project. The bidder should have executed projects of capacity of minimum 3 Lakh MT per project under single contract to be considered for evaluation.</p>	<ul style="list-style-type: none"> • 1 to 2 sites - 10 marks • 3 to 5 sites - 15 marks • More than 5 sites - 20 marks 	20	10	10	0

Sl. No.	Criteria	Score guideline	Marks	Max Score	Participant	Participant	Participant
					D.H.Patel	Zigma Global Environ Solutions Private Limited	
1	Experience of Bidder in Bio Mining of legacy waste	If the Bidder has experience of Bio Mining of legacy waste (Completed/ Ongoing) projects in India They will be marks as following. Capacity will be considered for each project. The bidder should have executed projects of capacity of minimum 3 Lakh MT per project under single contract to be considered for evaluation. For ongoing project 75% of the work has to be completed and it has to be certified by the client.	Capacity <ul style="list-style-type: none"> 3 Lakh MT to 3.5 Lakh MT- 2 marks Above 3.5 Lakh MT to 5 Lakh MT- 3 marks Above 5 Lakh MT- 5 marks 	5	0	2	0
2	Average Turnover	If the Bidder's Average Turnover in the last three Financial years (INR) is (FY: 2016-17, 2017-18 & 2018-19)	<ul style="list-style-type: none"> INR 20 Crores to INR 50 Crores- 10 marks Above INR 50 Cr to INR 75 Cr.- 12 marks More than INR 75 Crores - 15 marks 	15	15	10	10
3	Technical Proposal	The bidder should provide the IOP plan as per Annexure 7. A panel of experts selected by KMC will evaluate the proposal and provide the score. The Bidder will be required to provide a presentation. Score decided by the panel will be (Refer to Table 1)	Score to be decided by the panel	20	20	17.5	20
Total				100	85	59.5	70

"Bio mining and Treatment of legacy waste located at the dumpsite in Dhapa"

Tender id: KMC/SWM/RFP/BM/II/2019-20

Technical Evaluation & Score

Bidder Name - Zigma Global Environ Solutions Private Limited

Sl No.	Criteria	Score guideline	Marks	Maximum Score	Response	Final Score
1	Technical Experience	<p>Bidder has successfully completed/ongoing work related to Bio-mining of legacy waste at dumpsites / city compost plants/ processing of solid waste/ Bio-remediation project during the last seven years in India</p> <p>Capacity will be considered for each project. The bidder should have executed projects of capacity of minimum 3 Lakh MT per project under single contract to be considered for evaluation.</p> <p>For ongoing project 75% of the work has to be completed and it has to be certified by the client.</p>	<p>Capacity</p> <ul style="list-style-type: none"> • 3 Lakh MT to 3.5 Lakh MT- 20 marks • Above 3.5 Lakh MT to 5 LakhMT- 35 marks • Above 5 LakhMT- 40 marks 	40	<p>The bidder has submitted 2 credentials as per Annexure 4.</p> <p>The bidder has completed 2 projects with above 3 Lakh MT capacity</p> <p>Maximum Capacity of Work Done:305830.31 MT</p> <p>Credential 1</p> <ul style="list-style-type: none"> ➤ Assignment Name: Remediation of Legacy Waste located at Alladara utilizing various methodologies/ technologies confirming SWM Rules 2016 , Swaach Bharat Mission Guidelines, Mahatma Gandhi ,Swahaata Mission Guidelines and as per the guidelines of National Green Tribunal ➤ Name of the Client: Vadodara Municipal Corporation ➤ Contract Value: INR 26,61,00,000 ➤ Start Date : 16/08/2018 ➤ Completion Date:30/12/2019 ➤ Status: Completed ➤ Type of Project: Bio-Mining ➤ Capacity: 300000 MT 	20

"Bio mining and Treatment of legacy waste located at the dumpsite in Dhapa"

Tender id: KMC/SWM/RFP/BM/II/2019-20

Sl No.	Criteria	Score guideline	Marks	Maximum Score	Response
					<p>Work Order , Agreement and Completion Certificate submitted by bidder</p> <p>Credential 2</p> <ul style="list-style-type: none"> ➤ Assignment Name: Remediation of existing MSW Dumpsite of Ajitsingh Nagar through Bio- Mining Process ➤ Name of the Client: Vijaywada Municipal Corporation ➤ Contract Value: INR 21,05,00,000 ➤ Start Date : 26/06/2018 ➤ Completion Date: Ongoing ➤ Status: Ongoing ➤ Type of Project: Bio-Mining ➤ Capacity: 305830.31 MT <p>Work Order , Agreement and Ongoing Certificate submitted by the bidder</p> <p>The project with the highest capacity is considered for evaluation and it is 305830.31 MT</p>

"Bio mining and Treatment of legacy waste located at the dumpsite in Dhapa"

Tender id: KMC/SWM/RFP/BM/II/2019-20

Sl No.	Criteria	Score guideline	Marks	Maximum Score	Response	Final Score
2	Project Delivery	<p>If the number of sites where successful Bio-mining of legacy waste at dumpsites / Bio-remediation project in India have been completed in the past seven years by the Bidder .</p> <p>The minimum capacity per project should be 3 Lakh MT Capacity will be considered for each project. The bidder should have executed projects of capacity of minimum 3 Lakh MT per project under single contract to be considered for evaluation.</p>	<ul style="list-style-type: none"> • 1 to 2 sites - 10 marks • 3 to 5 sites - 15 marks • More than 5 sites - 20 marks 	20	<p>The bidder has submitted 2 credentials as per Annexure 4.</p> <p>The bidder has completed 2 projects with above 3 Lakh MT capacity</p> <p>Maximum Capacity of Work Done: 305830.31 MT</p> <p>Credential 1</p> <ul style="list-style-type: none"> ➤ Assignment Name: Remediation of Legacy Waste located at Atladara utilizing various methodologies/ technologies confirming SWM Rules 2016 , Swaach Bharat Mission Guidelines, Mahatma Gandhi ,Swahaata Mission Guidelines and as per the guidelines of National Green Tribunal ➤ Name of the Client: Vadodara Municipal Corporation ➤ Contract Value: INR 26,61,00,000 ➤ Start Date : 16/08/2018 ➤ Completion Date:30/12/2019 ➤ Status: Completed ➤ Type of Project: Bio-Mining ➤ Capacity: 300000 MT <p>Work Order , Agreement and Completion Certificate submitted by the bidder</p> <p>Credential 2</p>	10

"Bio mining and Treatment of legacy waste located at the dumpsite in Dhapa"

Tender id: KMC/SWM/RFP/BM/II/2019-20

Sl No.	Criteria	Score guideline	Marks	Maximum Score	Response
3	Bio Mining for legacy waste Experience	If the Bidder has experience of Bio Mining of legacy waste (Completed/ Ongoing) projects in India They will be marks as following. Capacity will be considered for each project. The bidder should have executed projects of capacity of minimum 3 Lakh MT per project under single contract to be considered for evaluation.	Capacity <ul style="list-style-type: none"> • 3 Lakh MT to 3.5 Lakh MT- 2 marks • Above 3.5 Lakh MT to 5 Lakh MT-3 marks • Above 5 	5	<ul style="list-style-type: none"> > Assignment Name: Remediation of existing MSW Dumpsite of Ajitsingh Nagar through Bio- Mining Process > Name of the Client: Vijaywada Municipal Corporation > Contract Value: INR 21,05,00,000 > Start Date : 26/06/2018 > Completion Date:Ongoing > Status: Ongoing > Type of Project: Bio-Mining > Capacity:305830.31 MT <p>Work Order , Agreement and Ongoing Certificate submitted by the bidder</p> <p>The bidder has submitted 2 credentials as per Annexure 4- The bidder has completed 2 projects with above 3 Lakh MT capacity Maximum Capacity of Work Done: 305830.31 MT</p> <p>Credential 1</p> <ul style="list-style-type: none"> > Assignment Name: Remediation of Legacy Waste located at Atladara utilizing various methodologies/ technologies confirming SWM Rules 2016 , Swaach Bharat Mission Guidelines, Mahatma Gandhi

"Bio mining and Treatment of legacy waste located at the dumpsite in Dhapa"

Tender id: KMC/SWM/RFP/BM/II/2019-20

Sl No.	Criteria	Score guideline	Marks	Maximum Score	Response															
					<ul style="list-style-type: none"> ➤ Status: Ongoing ➤ Type of Project: Bio-Mining ➤ Capacity: 305830.31 MT <p>Work Order , Agreement and Ongoing Certificate submitted by the bidder</p>															
4	Annual Turnover	If the Bidder's Average Turnover in the last three Financial years (INR) is (FY: 2016-17, 2017-18 & 2018-19)	<ul style="list-style-type: none"> • INR 20 Crores to INR 50 Crores- 10 marks • Above INR 50 Cr to INR 75 Cr.- 12 marks • More than INR 75 Crores - 15 marks 	15	<p>Average Annual T/o</p> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Financial Year</th> <th>Turnover (In INR Crores) (Rounded off to 2 decimal place)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2016-17</td> <td>19.72</td> </tr> <tr> <td>2</td> <td>2017-18</td> <td>7.90</td> </tr> <tr> <td>3</td> <td>2018-19</td> <td>39.12</td> </tr> <tr> <td colspan="2">Average</td> <td>22.25</td> </tr> </tbody> </table>	Sl. No.	Financial Year	Turnover (In INR Crores) (Rounded off to 2 decimal place)	1	2016-17	19.72	2	2017-18	7.90	3	2018-19	39.12	Average		22.25
Sl. No.	Financial Year	Turnover (In INR Crores) (Rounded off to 2 decimal place)																		
1	2016-17	19.72																		
2	2017-18	7.90																		
3	2018-19	39.12																		
Average		22.25																		
5	Initial	The bidder should provide the	Score to be decided	20	Submitted															
					17.5															

"Bio mining and Treatment of legacy waste located at the dumpsite in Dhapa"

Tender id: KMC/SWM/RFP/BM/II/2019-20

Sl No.	Criteria	Score guideline	Marks	Maximum Score	Response	Final Score
		For ongoing project 75% of the work has to be completed and it has to be certified by the client.	LakhMT-5 marks		<p>,Swahaata Mission Guidelines and as per the guidelines of National Green Tribunal</p> <ul style="list-style-type: none"> ➤ Name of the Client: Vadodara Municipal Corporation ➤ Contract Value: INR 26,61,00,000 ➤ Start Date : 16/08/2018 ➤ Completion Date:30/12/2019 ➤ Status: Completed ➤ Type of Project: Bio-Mining ➤ Capacity: 300000 MT <p>Work Order , Agreement and Completion Certificate submitted by the bidder</p> <p>Credential 2</p> <ul style="list-style-type: none"> ➤ Assignment Name: Remediation of existing MSW Dumpsite of Ajitsingh Nagar through Bio- Mining Process ➤ Name of the Client: Vijaywada Municipal Corporation ➤ Contract Value: INR 21,05,00,000 ➤ Start Date : 26/06/2018 ➤ Completion Date:Ongoing 	

"Bio mining and Treatment of legacy waste located at the dumpsite in Dhapa"

Tender id: KMC/SWM/RFP/BM/II/2019-20

Sl No.	Criteria	Score guideline	Marks	Maximum Score	Response	Final Score
	Implementation & Operation Plan (IOP) along with Presentation	IOP plan as per Annexure 7. A panel of experts selected by KMC will evaluate the proposal and provide the score. The Bidder will be required to give a presentation. Score decided by the panel will be final	by the panel			
Total				100		59.5

Adarsh
E.E. (C-II)/SWM- Member

S. R. V.
Management Consultant (PwC) -
Invitee

R. S. D. S.
CMF&A-Member

[Signature]
Addnl. CMLO- Member

[Signature]
CMA-Member

[Signature]
Shri Tapash Gupta, Chief Engineer
(WBPCB)- Member

[Signature]
Dr. Amit Dutta, Expert Jadavpur
University- Member

[Signature]
Ch. Mpl. Engineer (SWM)- Member

[Signature]
Shri Shantanu Mukherjee, Director (SUDA)-
Member

[Signature]
Spl. Municipal Commissioner (G&D)-
Chairman



ZIGMA GLOBAL ENVIRON SOLUTIONS PRIVATE LIMITED

Plot No. 34, Sector 7, Phase - II, Gurgaon, Haryana, Gurgaon Road, Gurgaon - 124 001, INDIA - 2225157
* contact@zigmaglobal.com * www.zigmaglobal.com * CIN : U74999TZ2015PTCO21251

Ref No - ZGESPL/RL/20-21/KMC/136
Date - 30.07.2020

To

The Tender Evaluation Committee
Kolkata Municipal Corporation
Solid Waste Management Department
4S, Market Street, 2nd Floor
Kolkata 700 087
Email: dg_swm@kmcgov.in



Kind Attn: The Director General (SWM)

Dear Sir,

Sub: Tender No.KMC/SWM/BM/II/19-20 dated 28.01.2020 date 28.01.2020

We are surprised to note our bid for the above Tender stands rejected on the plea of our being technically disqualified. No basis or reason for such disqualification is, however, disclosed and the Financial bid is now being opened today at 2.30 pm without us to our gross prejudice.

It is our case that we could not have scored below 70 going by the point system indicated in paragraph 4.2 of the Tender at page 27. It appears our experience provided in our bid has not been properly considered or has been disregarded. It is our specific case that we could not have scored only 59.5 given the fact we possess all the credentials.

We request you to forthwith provide to us break-up for the 59.5 points awarded to us, and until then hold back the opening of the Financial bid or in the alternate allow us to also participate in the Financial bid subject to our qualifying the Technical bid for which we have lodged this protest with you.

The manner of examination of the Technical bid is laid down in paragraph 4 on Eligibility criteria, and while submitting our bid we have taken due care and ensured that we do score the requisite minimum point of 70, and accordingly the poor score of 59.5 awarded to us has come to us a rude shock.

We are conscious of the fact that mere submission of the bid does not mean that it will be automatically considered qualified and entertained. However, Kolkata Municipal Corporation being a public body set up under the Kolkata Municipal Corporation Act is

DG (SWM)

13/7/2020
A.C.E (SWM)
Kol. Mpl. Corpn

19/7/20

MUNICIPAL ENGINEER (SWM)
MUNICIPAL CORPORATION





under an obligation to act, and also be seen as having acted reasonably, transparently and bona fide without bias or discrimination and to follow principles of natural justice.

In the circumstances, we are at total loss to understand the basis/reason for our disqualification technically and do hereby call upon your good self to forthwith re-consider your decision and correct the score awarded to us and pending same not to proceed any further with the Tender.

This letter is without prejudice to our all rights and contentions.

Please treat this letter also as our demand for justice.

Yours faithfully,
For Zigma Global Environ Solutions Pvt. Ltd.

Authorised Signatory.



CC to:

1. M/s D.H. Patel, 305-306, Ratna Sagar Apartment Beside Varachha Police Station, Varachha Road, Surat - 395006. Email: dhpatel@zigmaenv.com
2. Eastern Organic Fertilizer Pvt. Ltd., 10, Raja Santosh Road, Alipore, Kolkata - 700 027. Email: ajay@eofpl.com, suresh@eofpl.com