



CUTTACK MUNICIPAL CORPORATION

EXPRESSION OF INTEREST (EoI)

No. 5858 (PW)

Date :10.10.2022

The Executive Engineer, City Division-II, Cuttack Municipal Corporation, at: Bikash Bhawan, Jagannathlane, Badambadi, Po. Arunodaya Market, Dist: Cuttack, Odisha, Pin-753012 on behalf of Municipal Commissioner, Cuttack Municipal Corporation, Cuttack invites Expression of Interest (EoI) from experienced and eligible bidders with relevant technology tie-ups for **"In-Situ Ecological Rejuvenation of the Waterbodies and wetlands under jurisdiction of CMC"** for complete transformation of the water quality to IS:2296, class B, standards for outdoor bathing quality Water.

EoI should reach the undersigned on or before **26.10.2022** by **3.00 PM** and will be opened on **27.10.2022** at 03.00 PM in the office chamber of the Executive Engineer, City Division-II, Cuttack Municipal Corporation, at: Bikash Bhawan, Jagannath Lane, Badambadi, Po. Arunodaya Market, Dist: Cuttack, Odisha, Pin-753012 in presence of bidders or the representatives of the bidders, who intend to attend. Each bidder should submit the details as desired by the undersigned in the EoI. The details can be found in the official website i.e. **www.cmccuttack.gov.in** Further clarifications can be obtained from this office. The undersigned reserves the right to accept or reject any EoI without assigning any reason thereof.

On behalf of Commissioner


EXECUTIVE ENGINEER,
CITY DIVISION-II, CMC

Memo No. 5859 (PW) 10.10.22

Dt. 10-10-2022

Copy to the Deputy Director (Advertisement) & Deputy Secretary to Govt., I & P.R. Dept., Govt. of Odisha, Bhubaneswar Email :: ipr.advt@gmail.com , iprnews@gmail.com for information & necessary action with request for Publication of EoI Notice in **2 (two) nos of leading Oriya dailies & 1(one) No. of Local English daily Newspaper** at an early date for wide circulation once in with a minimum space & font size of "8" at the I & P.R. rate on or before **Dt.12.10.2022** for the information of the general public and submit bills in duplicate along with copy of the above publication for necessary payment at this end. You are further requested to submit a copy of the above publication to the undersigned at Vikash Bhawan, Badambadi, Cuttack.


EXECUTIVE ENGINEER,
City Division-II, CMC

Memo No. 5860 (PW) 10.10.22

Dt. 10-10-2022

Copy forwarded to the MIS, CMC for hoisting this Notice & enclosed DTCN in CMC website from 12-10-2022 to 26-10-2022 for view and information of all concerned.

Encl: As above in soft copy (pdf)

10/10/2022
EXECUTIVE ENGINEER,
City Division-II, CMC

Memo No. 5861 (PW) 10.10.22

Dt. 10-10-2022

Copy to Concerned DEE/AEE, CMC/Concerned AE/JE, CMC/F.O, CMC/H.A, Engg. Section/Accountant. /Cashier/Advertisement Section/ Office Notice Board of Cuttack Municipal Corporation for information of all concerned and the intending bidders.

10/10/2022
EXECUTIVE ENGINEER,
City Division-II, CMC

Memo No. 5862 (PW) 10.10.22

Dt. 10-10-2022

Copy submitted to the Chief Engineer (PH) Urban, Odisha-cum-Inspector of Local Works, Cuttack Municipal Corporation//Collector & District Magistrate, Cuttack/ Project Director, DUDA, Cuttack /Chief Engineer (DPI & Roads), Odisha/Superintending Engineer, Central (R&B) Circle, Cuttack/Executive Engineer, Cuttack (R&B) Division-I & II, Cuttack/Chief Engineer & Engineer Member, BDA, Cuttack/General Manager, WATCO, Cuttack/Superintending Engineer, Minor Irrigation Circle, Cuttack for kind information with a request to please display a copy of this Notice in his/her office Notice Board for wide circulation and information of the intending bidders.

10/10/2022
EXECUTIVE ENGINEER,
City Division-II, CMC

Memo No. 5863 (PW) 10.10.22

Dt. 10-10-2022

Copy submitted to the Hon'ble Mayor, CMC/Commissioner, CMC/City Engineer, CMC for kind information.

10/10/2022
EXECUTIVE ENGINEER,
City Division-II, CMC

Memo No. 5864 (PW) 10.10.22

Date : 10.10.2022

Copy submitted to the Director, Municipal Administration for favor of kind information with a request to please display a copy of this Notice in his Office Notice Board/Website for wide circulation.

10/10/2022
EXECUTIVE ENGINEER,
City Division-II, CMC



No.

5858 (PH)

Date :10.10.2022

EXPRESSION OF INTEREST (EoI)

FOR

**FOR "IN-SITU ECOLOGICAL REJUVENATION OF THE
WATERBODIES AND WETLANDS UNDER JURISDICTION OF CMC"
FOR COMPLETE TRANSFORMATION OF THE WATER QUALITY TO
IS:2296, CLASS B, STANDARDS FOR OUTDOOR BATHING QUALITY
WATER.**

DATED: 12.10.2022

LASTDATE: 26.10.2022

**CUTTACK MUNICIPAL CORPORATION
CUTTACK**

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DISCLAIMER

1. Though adequate care has been taken in the preparation of this document, henceforth referred to as the Expression of Interest document or the EoI document, the Applicants should satisfy themselves that the document is complete in all respects. Intimation of discrepancy, if any, should be given to the address mentioned below latest by **11.00 AM on 18.10.2022** in case, no such intimation is received by the said deadline, it shall be deemed that the applicant is satisfied that the document is complete in all respects.

Executive Engineer, City Division-II,

Cuttack Municipal Corporation,

At: Bikash Bhawan, Jagannathlane, Badambadi,

PO. Arunodaya Market, Dist: Cuttack, Odisha, Pin-753012

Ph.No.:9437602189/9937580812

E-mail: mccmc@nic.in/ eecdcm2@gmail.com

2. Neither CMC nor their employees can make any representation or warranty as to the accuracy, reliability or completeness of the information in this EoI document. Each prospective Applicant should conduct their own investigations and analysis and check the accuracy, reliability and completeness of the information in this EoI document and obtain independent advice from appropriate source(s) before submission of their EoI.
3. Neither CMC nor their employees will have any liability to any prospective Applicant or any other person under any law for any loss, expense or damage which may arise from or be incurred or suffered in connection with anything contained in this EoI document.
4. CMC reserves the right, without any obligation or liability, to accept or reject any or all of the EoIs, and at any stage of the process, to cancel or modify this solicitation process, or any part thereof, or to vary any of the terms and conditions, or to cancel this solicitation process to initiate a new process without assigning any reason whatsoever.
5. Neither CMC nor their employees will have any liability in case of non-receipt of any correspondence from them to the applicants due to the postal delays.
6. The applicable laws for the purpose are the laws of India. Courts of CMC will have jurisdiction concerning or arising out of this EoI document.
7. The applicants are expected to know the relevant rules and regulations of the respective authorities concerning to this project.

DEFINITIONS AND INTERPRETATION

In this Volume of the EoI, unless the context otherwise requires, capitalized terms shall have the meaning given below: -

Addendum or Addenda	Means an addendum or addenda to the EoI
Annexure	Means an annexure to this Volume of the EoI
Authority	Means the CMC or its authorized representatives who has invited Applications from competent and interested bidders/ Original Technology Owner (OTO).
Applicable Law	Means all the laws, acts, ordinances, rules, regulations, notifications, guidelines or bye-laws, in force and effect, as of the date hereof and which may be promulgated or brought into force and effect hereinafter in India, including judgments, decrees, injunctions, writs or orders of any court of record, as may be in force and effect during the subsistence of this Contract and applicable to the Project
Application	Means an applicant, who submits an application for empanelment /eligibility and qualification submission under this EoI within the stipulated Due Date and Time of submission.
Authorized Signatory	Means the Person Authorized by applicant to sign the Application, correspond with the Authority, make representation to the Authority as part of EoI / bidding process and sign the contract on behalf of the Applicant / bidding firm through valid Authorization document in his/her favor.
EOI Process/Empanelment Process	Means the process adopted by CMC for empanelment of the Selected Applicants on the terms and conditions set out in the EoI, which has commenced with the issuance of the EoI and which will end on the date of final empanelment of selected applicants is over.
Earnest Money Deposit (EMD)	Means Security to be furnished by the Applicant at EoI stage in accordance with provisions of this EoI.

1. **INTRODUCTION: -**

The main objectives of CMC under this EoI is to finalize a technology, the schedule of rates and enlist vendor / vendors for the purpose of "In-Situ Ecological Rejuvenation of the Waterbodies and wetlands under jurisdiction of CMC" for complete transformation of the water quality to IS:2296, class B, standards for outdoor bathing quality Water.

2. **BRIEF DESCRIPTION OF THE BIDDING PROCESS: -**

- (a) CMC (hereinafter also referred to as Authority) intends to empanel various technologies and their authorized representatives for the purpose of "In-Situ Ecological Rejuvenation of the Waterbodies and wetlands under jurisdiction of CMC" for complete transformation of the water quality to IS:2296, class B, standards for outdoor bathing quality Water, in order to finalize a technology, the schedule of rates and enlist vendor / vendors.
- (b) The Authority has adopted a single-stage bidding process for selection of executing agencies as well as technologies which are capable of restoring the native ecology of the Waterbodies ensuring the Water quality to be IS:2296, class B, standards for outdoor bathing quality Water, as well as conserving the biodiversity with the flora & fauna, aquatic organisms and enhancing the avian population around the Waterbody.
- (c) The EoI also intends to freeze the schedule of rates for "In-Situ Ecological Rejuvenation of the Waterbodies and wetlands under jurisdiction of CMC" for **five (5) years on per acre / per hectare / per Kiloliter / per Million liter basis**, so that the execution agencies / technologies enlisted through this EoI could be issued a work order for "In-situ" Ecological rejuvenation, on the basis of the rates finalized through the process.
- (d) Any further information on the project could be availed from the official website of CMC www.cmccuttack.gov.in or by communications to the address mentioned below:-
Executive Engineer, City Division-II,
Cuttack Municipal Corporation,
At: Bikash Bhawan, Jagannathlane, Badambadi,
PO. Arunodaya Market, Dist: Cuttack, Odisha, Pin-753012
Ph.No.:9437602189/9937580812
E-mail: mccmc@nic.in/ eecdcmc2@gmail.com
- (e) The Authority shall be entitled to disqualify any Applicant at any stage of the Bidding Process in accordance with the guidelines of Government of Odisha or such other laws as applicable from time to time. Applicants must satisfy themselves that they are qualified to bid. Also, suggestions for modification are invited from potential applicants for any suitable amendment to the suggested procedure, eligibility, project structure or any other aspect that the applicant perceives should be changed for the benefit of the Authority/work.
- (f) In this stage, applicants are required to furnish all the information as per this EoI to participate in the qualification process. Only those Applicants that are pre-qualified and short-listed by the Authority shall be enlisted under the schedule of rates for next five years. The Applicants are advised to visit the city of Cuttack and familiarize themselves with the kind of Waterbodies and Wetlands in the city, before submitting application for the work.

3. SCHEDULE OF EOI PROCESS: -

The Authority shall endeavor to adhere to the following schedule:

#	Event Description	Date
1	Issue of Advertisement & Uploading of EOI	12.10.2022
2	Last date of receiving Queries	18.10.2022
3	Pre proposal meeting	20.10.2022 at 11.30 AM
4	Last Date of submission of Proposals	26.10.2022 by 3.00 PM
5	Opening of Proposal	27.10.2022 at 3.00 PM

The pre-proposal meeting will be held in the conference hall of CMC as per scheduled date and time provided herein above.

4. ELIGIBILITY OF APPLICANTS: -

Only the applicants satisfying the below mentioned criteria shall be considered applicable for applying for his EOI.

4.1 GENERAL ELIGIBILITY: -

S. No	Eligibility Conditions	Documentary Proof to be submitted
i.	The bidder can be any registered LLP, Private Limited, or Limited company duly registered under Companies Act, 1956 at any ROC across the country, or partnership firm as long as they are a profit-making organization. They can either be Original Technology Owner (OTO) or having a tender specific authorization coupled with a counter guarantee of performance of their technology, from their respective OTO, as per the OTO authorization format prescribed in the EOI document.	The bidder shall be required to submit a copy of its Certificate of Establishment/ Incorporation Certificate along with the Proposal

ii.	The bidder must have a valid Goods and Service Tax (GST) registration in India.	The bidder shall be required to submit a true copy of its Good and Service Tax (GST) registration certificate
iii.	The Bidder must have an operational office in Union of India	Proof of registration of the Bidder shall be submitted
iv.	The OTO MUST be a company registered under Companies Act, 1956, a valid GST registration, MSME registration, CIN & PAN and valid ISO certifications, as prescribed in the OTO eligibility criteria in clause 4.4	Documentary evidence to establish these facts must be accompanied with the bid.
v.	The Bidder should not have been barred by the Central Government, any State Government, a statutory authority or a public sector undertaking, as the case may be, from participating in any project, and the bar subsists as on the date of the Proposal.	A self-declaration to be submitted on the letterhead of the bidding company to this effect. However, if this is found to be false, the said bidder shall be blacklisted for CMC for next five years.
vi.	Bidder should have, during the last three years, neither failed to perform on any agreement, as evidenced by imposition of a penalty	An Undertaking on the bidder's letterhead dully signed, stamped and notarized.

S.No	Eligibility Conditions	Documentary Proof to be submitted
	by an arbitral or judicial authority or a judicial pronouncement or arbitration award against the Bidder, nor been expelled from any project or agreement nor have had any agreement terminated for breach by such Bidder.	

4.2 FINANCIAL ELIGIBILITY

S.No	Eligibility Conditions	Documentary Proof to be submitted
i.	Minimum average annual turnover of The Bidder should not be less than ₹ 1.5 Crores averaged out during last three (3) financial years from the Proposal due date of bid (excluding COVID period). However, MSME & Start-up India Registered Start-up companies shall remain exempted under MSMED Act, 2006. (Micro, Small and Medium Enterprises Development Act, 2006)	The Bidder shall enclose with its Application, The Audited Balance Sheet (PL)/ certificate(s) from its Statutory Auditors stating its total revenues In the event that the Bidder does not have a statutory auditor, it shall provide the requisite certificate(s) from the Chartered Accountants of the Bidder that ordinarily audits the annual accounts of the Bidder.
ii.	The Bidder should have positive Net worth during the last five (5) financial years from the date of bid, excluding the last two years of pandemic. However, MSME & Start-up India Registered Start-up companies shall remain exempted under MSMED Act, 2006. (Micro, Small and Medium Enterprises Development Act, 2006)	In case the bidder is Startup India certified Company, then the bidder must enclose DPIT registration certificate. In case the bidder is MSME Enterprise India certified Company, then the bidder must enclose UDYAM registration certificate.

4.3 RELEVANT EXPERIENCE ELIGIBILITY

S. No	Criteria	Documentary Proof to be submitted
1	For the purposes of satisfying the conditions of eligibility and for evaluating the Bidder's proposals under this RFP, following projects shall be deemed as eligible projects (the "Eligible Projects") The Bidder/OTO should have completed following type of assignments with Government Agencies (Central Government Agencies/State Government Agencies/PSU's / NGO / Trust / Social Projects) in past 10 years; 1- The bidder / the Original Technology Owner (OTO) through any of their partners, must have done similar Waterbody Rejuvenation projects with minimum Five (5) Projects of Government authorities OR minimum two (2) projects within Odisha or minimum two (2) projects with any Central Government agencies and minimum two (2) projects on flowing Waterbodies, anywhere in India. 2- The Bidder MUST BE an authorized partner for the technology being used in the Waterbody Rejuvenation Project with specific authorization issued against this RFP/NIT document, coupled with a counter guarantee for performance of the technology. 3- The bidder / team members, must have had requisite experience in IT or IoT technology.	Work order/Copy of contract agreement/letter of award and any one of the following: Client certificate specifying similar experience, coupled with a detailed project case study, Water Quality test report, comparison between pre & post treatment conditions Or Completion Certificate coupled with the requisite work order copies Or Self- declaration along with a copy work order and related completion certificate

4.4 RELEVANT EXPERIENCE ELIGIBILITY

#	Criteria
I.	The OTO must be a company registered under the registrar of companies and listed on the MCA website, which means it can't be a proprietorship or partnership firm.
II.	They should be registered with at least one of the other government institutions like MSME / UDYAM / GEM.
III.	The OTO must have a valid GST registration & PAN number
IV.	The OTO technology must have at least two published case studies in national media like newspapers / Television / domain specific (Water / environment / ecology / forestry / Science etc.) magazines / journals etc.

V.	The OTO must have a valid ISO 14001:2015 certificate for an environmental management system.
VI.	The OTO must have a valid ISO 9001:2015 certificate for the processes and documentation.
VII.	The OTO must have worked with at least one pollution control board and at least one Municipal Corporation or Development Authority or Smart City, across the country with their technology.
VIII.	The OTO must have a valid ISO 45001:2015 certification for occupational health and safety (OH&S) management system
IX.	The OTO Solution must have a valid Bio-assay toxicology test report done from any government laboratory or any NABL accredited laboratory.

5. SUBMISSION OF EOI

- (a) The EoI application (As per format given in Annexure 1) shall be submitted in hard copy having the title as "EoI for empanelment of vendors and technologies for schedule of rates on unit price for the purpose of In-Situ Ecological Rejuvenation of the Waterbodies and wetlands under jurisdiction of CMC" for complete transformation of the water quality to IS:2296, class B, standards for outdoor bathing quality Water, for a period of five years. The applicant shall send the documents by **Registered post/Speed Post/Courier only** to the address mentioned herein below before the submission due date as mentioned in this EoI document:

Executive Engineer, City Division-II,
Cuttack Municipal Corporation,
At: Bikash Bhawan, Jagannathlane, Badambadi,
PO, Arunodaya Market, Dist: Cuttack, Odisha, Pin-753012
Ph.No.:9437602189/9937580812
E-mail: mccmc@nic.in/eeccmc2@gmail.com

The applications should be submitted before the submissions due date in hardcopy bound properly to the address mentioned in section 2(d) above.

- (b) The application shall include following document (including but not limited to):-
- Letter of Pre-Qualification (Annexure-1)
 - Applicant Profile and Status (Annexure-2)
 - Documents sought under Eligibility Criteria in clause 4.1 till 4.4 above
- (c) Applicants shall submit the EoI in the prescribed format (Annexure 1) in English language only and in case of documents and certificate in other languages, the same shall be supported with translation in English language.
- (d) The EoI shall be submitted along with a covering letter together with the desired supporting documents and proof on the letter head of the Applicant and each page of the Document duly signed by the head or Authorized signatory of the Applicant under a common seal.

5. SUBMISSION OF RATE CONTRACT PRICES:

This expression of interest must be responded in the below mentioned format for the prices –

#	Details of the services	Unit Price (in ₹) Either on per month, per acre basis / or per month, per MLD basis) strike out the non-applicable one.
1	Laboratory services for Water Sample Testing & record keeping.	
2	Video Services & record keeping like Current Pond Status by Drone, and video interviews of the local residents etc.	
3	Preparation of the site, physical cleaning of the water surface and embankment region.	
4	In-Situ Ecological Resurrection, Restoration, Rejuvenation (RRR) of Native Ecology of the Waterbody	
5	O&M, after completion of Ecological Rejuvenation of 12 months	
6	GST and other taxes	

6. AMENDMENTS TO EOI: -

- (a) At any time prior to the Application Due Date, the authority may, for any reason, whether at its own initiative or in response to clarifications requested by an Applicant, modify terms and conditions of EoI through issuance of corrigendum and addendum.
- (b) Any Addendum or Corrigendum of reply to queries thus issued will be available only on the website of the authority.
- (c) In order to afford the applicants a reasonable time for taking an Addendum in to account or for any other reason the Authority may, in its sole discretion, extend the Application Due Date.

7. FRAUDULENT AND CORRUPT PRACTICES:-

If an Applicant is found by the Authority to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice during the EoI Process, such Applicant shall not be eligible to participate in any tender or EoI issued by the Authority.

8. RIGHT TO ACCEPT OR REJECT: -

The Authority reserves right to accept or reject any/all application without assigning any reason or incurring any liability to the applicants.

9. SCOPE OF WORK: -

a) RESTORATION OF THE ECOSYSTEM SERVICES:

The key objective of the services would be focused towards improvement in water quality up to the IS 2296, class B standards, as well as restoration of ecosystem services from the Waterbody, which includes –

- a) Aquifer recharge & rain water harvesting (RWH),
- b) Flood & drought mitigation, maintaining soil moisture, avoiding water logging in the vicinity,
- c) Maintaining the electrolytes, minerals, oxygen and carbon balance within the water to support the aquatic food chain,
- d) Restoring the process of photosynthesis within water, to ensure absorption of the greenhouse gases (GHG), performing carbon sequestration and reversing climate change,
- e) Maintaining ambient temperature in the vicinity,
- f) Air pollution mitigation and improvement in the PM concentration in the neighborhood of the waterbody,
- g) Making drinking water available for all the native flora & fauna, birds & bees, plants and animals, also maintaining the humidity in air, ensure adequate rainfall,
- h) Safeguarding the vicinity from outbreak of water & vector borne diseases
- i) And biodiversity conservation.

b) KEY RESULT AREA:

Considering the overall intent for facilitating holistic and sustainable development, Environmental Restoration and Bio-diversity Conservation for the Smart City's Area Based Development Plan, the scope of services has been designed carefully, as described below:

- 1) Water, Soil and Air conservation, and "In-situ" Water Quality Management has to be done in the said Waterbody WITHOUT indulging in to any of the below mentioned activities, which disrupts the native ecology of the wetland / waterbody –

1. Installation of any physical Sewerage Treatment Plant / Effluent Treatment Plant or any physical dredging or decantation of Water from the Waterbody, or obstruction or diversion of any of the drains falling in the waterbody – IS STRICTLY PROHIBITED Or,
 2. Any application of externally developed / laboratory cultured / or separately grown microbes or organisms like bacteria / fungus / algae / hydra / protozoa / diatoms / archaea etc. – IS NOT PERMISSIBLE, since it disturbs the native biodiversity of the waterbody and the project is all about conserving the same or,
 3. Any factory-made chemicals or biocides or calcium carbonate based or hydrogen peroxide-based treatment to intervene with the aqua-ecology – IS SEVERELY FORBIDDEN
- 2) Rejuvenation of Environment & Ecology in Water, Soil and Air should be done in 100% in-situ condition through the holistic approach for Resurrection of the native ecology of wetlands in absolute harmony with nature. The Rejuvenation process must ensure the following outcomes –
1. Natural aquifer recharge, and natural “Rain Water Harvesting”
 2. Waterbody should go perineal, ensuring that the Waterbody should neither go dry, nor get flooded for the entire period of the contract, after the initial gestation period of one quarter.
 3. Natural air pollution mitigation, reducing the PM concentration and a consistent improvement in AQI (Air Quality Index) keeping it in ambient or good air quality, after the initial gestation period of one quarter.
 4. Maintaining the ambient temperature in the vicinity around the Waterbody, ensuring a drop of 2~5°C.
 5. Conservation and promotion of the natural biodiversity of the Waterbody effecting in an observable difference in flora & fauna, fishes, birds, bees & butterflies in the Lake vicinity.

c) PERIMETER & LIMITATIONS:

1. The project is purely focused upon the re-establishment of native ecology of Waterbody / Wetlands.
2. To maintain the water balance of the existing water bodies by restoring the original depth and water holding capacity of pond.
3. Reinstating the natural ecosystem and to maintain the aqua-ecology of the existing water bodies WITHOUT any physical or wet excavation of any sludge, but by ensuring that the entire sludge (organic or inorganic) is consumed & digested in aqua-ecology and making the water quality adequate enough to support life, with a clear and straightforward objective to eradicate all harmful foul smell, mosquito colonies, microbial infestation etc.
4. Additionally ensuring the increase in the Dissolved Oxygen (DO) level, reducing the Chemical Oxygen Demand (COD), Total Suspended Solid (TSS), improving the colour and viscosity, restoring the natural Water waves, and confirming significant reduction of nutrient elements (like Nitrogen and Phosphorus) access of which is harmful for aqua life.
5. The selected Waterbodies are mentioned in the “TECHNICAL FACT SHEET” of the document. **Cuttack Municipal Corporation (CMC)** reserves the right to change the list of lakes from scope of this tender by providing alternate lake(s) / Pokharis / Ponds / Talab / Drains/water bodies of similar capacity within the city limits.
6. This contract can be extended for another Five (5) years based on the performance of the service provider on mutual agreement basis. The unit rate quoted by the Bidder for this

contract shall be applicable even for the extended period. The decision of the CMC for extension of this project will be final and binding based on mutually agreed rates.

7. The agency/contractor engaged through this contract has to rejuvenate and restore the lake water quality through Ecological & sustainable natural Technology only.

d) REPORTS & UPDATION OF RECORDS:

Laboratory Test Process and parameters –

- (i) The Name of the laboratory to be submitted in advance by the bidder / applicant. Pre-Treatment Water Quality samples must be taken before the start of the project, without submission of the report the project will NOT commence.
- (ii) All the reports must contain the following test parameters – pH, Color, Odor, BOD, COD, DO, TSS, TDS, Turbidity, Total Nitrogen / Ammonia, Total Phosphates, Total Coliform, Fecal Coliform and E.Coli.
- (iii) For 1st three months of treatment, Water samples should be collected and tested in a NABL accredited laboratory on a monthly basis.

Like we need the Pre-Treatment Water Quality Report from NABL laboratory, before commence of the project, similarly we need to have the public feedback of the people living in the vicinity of the Waterbody before the project starts, and the same shall be continued throughout the service period. Following shall be the public opinion and feedback parameters –

- (i) Minimum ten (5) opinions must be taken and proper video recording should be done for their opinion on their experience about the Waterbody prior to the start of the treatment. All the videos must be submitted in pen drive (write-protected) or CD-ROM before the commencement of any project. The video must have the GPS location, time and date of the shooting.
- (ii) Each video must contain the name of the interviewer and the interviewee, his / her residence's proximity to the waterbody and their years of stay in the location. then they can share their experience on the waterbody, including the problems they face.
- (iii) Each time the same or new residents can be interviewed, provided they live in the same locality as the waterbody.

e) GENERAL SCOPE OF WORK:

1. The information provided with this EoI is indicative, interested Applicant will carry out site assessment study and conduct confirmatory surveys before applying for the EoI.
2. Site preparatory activities and setting up of necessary establishments such as site office within the city limits of CMC, shall be purely a responsibility of the applicant. However, at the location of the Waterbody, no permanent civil construction shall be allowed.
3. It is the obligation of the applicant to start all Waterbodies within the scope of the any work order given to them on a particular date simultaneously, so that all mentioned waterbodies are rejuvenated within one (1) complete year and the corresponding Four (4) year O&M period starts synchronously.
4. Applicant should submit the detailed methodology, Ecological sustainable or natural method along with its working principle etc. and proposed work plan, when asked for.
5. The methods of treatment and quantification of consumables essential for treatment should be assessed by the applicant himself to achieve/acquire the required water quality parameters. No extra payment shall be done by CMC to the applicant for any

- change in frequency / potency / quantity of consumables in the rejuvenation process.
6. Bidder CANNOT make physical / mechanical changes for any flow control to tap the identified inflows of sewage drains into the Waterbody, but should rather be focusing upon the increment in digestion capacity of the sewage in the aqua-ecology.
 7. Bidder shall do, physical cleaning of lake and removal of undesirable floating matter such as floating plastics, municipal solid waste etc. during entire period of this contract either by mechanical or manual means at his own cost and risk and without interrupting the lake ecology or the rituals performed.
 8. The water quality standard of the waterbody, post treatment is prescribed by the IS: 2296 Class B, Water for outdoor bathing shall be met by the bidder / applicant. The bidder must achieve the desired quality of water within the first six month (Maximum) and maintain the water quality standard for total period of service.
 9. The adopted technology should be Ecological or based upon the holistic principles, which focuses on ecological enhancement and supports bio-diversity in addition to lake water rejuvenation. The technology adopted should preferably be focusing on enhancement of lake aesthetics along with rejuvenation. The ecological technology adopted by the bidder should be delivering enhancement of lake aesthetics & biodiversity along with Rejuvenation, ensuring ZERO foul smell, ZERO Sludge, and ZERO mosquitoes.
 10. Contractor shall be solely responsible for any kind of adverse environmental impact on water body, aquatic life, flora and fauna, surroundings and users of water body that may arise due to the application of his adopted technology. He may be penalized for such negative impacts and authority in no way shall be responsible for any such cause and reserves the right to terminate the contract on these grounds. The principal technology company must also stand a counter guarantee for this, while authorizing the contractor for this tender.

10. PAYMENT CONSIDERATION:

#	Milestone Description	Timeline
PHYSICAL WORK TO BE DONE (In all Waterbodies mentioned in one work order)		
1.	Job Starting From DD/MM/2022, with Water Sample Testing, Current Pond Status by Drone, and video interviews of the local residents.	15 Days (DD/MM/ 2022)
2.	Preparation of the site, physical cleaning of the water surface and embankment region.	45 Days (Completion By DD/MM/ 2022).
3. EFFECT ON PONDS: WATER RESTORATION, RESURRECTION & REJUVENATION		
3.a	Foul Smell removal & Mosquito eradication from the water of Ponds.	2 nd month
3.b	Increasing the water holding capacity of the pond/lake & Consumption of all the Water weeds WITHOUT any physical removal & Increase in the bird Population, return of bees & butterflies & return of natural aquatic life.	6 th month
3.c	Development of Horticulture using the water from the pond & in-situ Ecological Rejuvenation, Resurrection & Restoration, Aquifer recharge, Air pollution mitigation & Restoring bathing quality water standards, as per, IS: 2296 Class B standards	9 th month (Completion DD/MM/ 2022)
MAINTENANCE OF IN-SITU ECOLOGICAL WATER REJUVENATION, RESURRECTION & RESTORATION FOR ONE YEAR.		
A.	Making the Lake/pond ready for a rejuvenating recreational purposes like boating, walking, Restoring bathing quality water standards, as per, IS: 2296 Class B standards etc.	To be achieved within 12 Months (DD/MM/ 2022)

Sd/-

Commissioner
Cuttack Municipal Corporation

ANNEXURE-1
FORM - 1
FORMAT FOR COVERING LETTER
(On the Letterhead of the Applicant)

To,
The Commissioner
Cuttack Municipal Corporation
Cuttack

Dear Sir,

Ref: **Expression of Interest for "In-Situ Ecological Rejuvenation of the Waterbodies and wetlands under jurisdiction of CMC" for complete transformation of the water quality to IS:2296, class B, standards for outdoor bathing quality Water, under the jurisdiction of CMC.**

1. Being duly authorized to represent and act on behalf of (hereinafter referred to as "the Applicant"), and having reviewed and fully understood all of the information provided in the Empanelment document provided by the Authority in respect of the captioned Empanelment, the undersigned hereby submits the Applications in response to the EoI for Empanelment.
2. I/We have studied the EoI for Empanelment document carefully and understand that we shall have no claim, right or title arising out of any documents or information provided to us by the Authority or in respect of any matter arising out of or concerning or relating to the Empanelment Process including the Empanelment.
3. This statement is made for the express purpose of qualifying as an Applicant for the aforesaid Empanelment.
4. I/We shall make available to the Authority any additional information it may find necessary or require to supplement or authenticate the qualification statement.
5. I/We certify that in the last three years, we have neither failed to perform on any contract, as evidenced by imposition of a penalty by an arbitral or judicial authority or a judicial pronouncement or arbitration award, nor been expelled from any projector contract by any public authority nor have had any contract terminated by any public authority for breach on our part.
6. I/We understand that you may cancel the Empanelment Process at any time and that you are neither bound to accept any application that you may receive nor to invite the Applicants, without incurring any liability to the Applicants.
7. My/Our Application is consistent with all requirements of submission as stated in the Empanelment Document or in any of the subsequent communication issued by the Authority. I/We would be solely responsible for any errors or omissions in our application.
8. I/We understand that any omission, commissioner mis-statement in facts provided by us will make our application invalid at any time during the Empanelment Process and also after the empanelment; the Authority reserves the right to take appropriate action accordingly.
9. I/We understand that the Authority reserves the right to accept or reject any or all the applications and reserves the right to withhold and/or cancel the Empanelment Process without assigning any reason or otherwise.

10. I/We hereby irrevocably waive any right which we may have at any stage at law or how so ever otherwise arising to challenge or question any decision taken by the Authority in connection with the empanelment of Agencies or in connection with the Empanelment Process itself, in respect of the above-mentioned activities and the terms and implementation thereof.
11. I/We agree and undertake to abide by all the terms and conditions of the Empanelment Document.
12. Notwithstanding any qualifications or conditions, whether implied or otherwise, contained in my/our Application, I /we hereby represent and confirm that my/our Application is unqualified and unconditional in all respects.

.....
Signature of the Authorized Person

.....
Name of the Authorized Person

Date

ANNEXURE-2**FORM-2****APPLICANT PROFILE AND STATUS**

Sr. No.	Description	Particulars
1.	Name of the Applicant	CMC/Govt. of Odisha
2.	Registered under	
3.	CMC Ward no.	
4.	Address with pin code	
5.	Contact person (Management)	
7.	Contact number	
8.	Mobile No.	
10.	Email Id.	
11.	Year of incorporation (Certificate of Registration to be furnished)	
12.	Details of PAN if any (Copy of PAN Card to be furnished)	
13.	Details of GST Registration No. if any (Copy of GST Registration number to be furnished)	
14.	Contact person email ID if any	
15.	Details of members of the applicant	
16.	Income earnings in the Financial Year 2021-22 i.e., from 1 st April, 2021 to 31 st March, 2022	
17.	Documents to be attached	• Copy of Registration details (Yes/No) • Bank account details (Yes/No) • Copy of the meeting register (Yes/No) • Self-certified CV of Two members having 12th qualification having computer literacy (Yes/No) • Updated Pass book for annual income (Yes/No) • Copy of document required as in Assessment index (Yes/No)

Signature of the Authorized

Person

Name of the Authorized Person

Date

ANNEXURE

FORMAT OF AUTHORISATION ON THE LETTERHEAD OF OTO

Date: -- DD/MM/2022

Ref. # _____

To,
The Commissioner,
CMC

Reference: NIT No. CMC/___/2022 Dated: DD/MM/2022 for Request for Proposal (RFP) for Selection AND Appointment of implementing agency for "IN-SITU" Ecological Rejuvenation of the Waterbodies & Wetlands, Water & Soil Conservation, coupled with Water & Air Quality Management works through "Nature-Based Solution" of "Cownomics® Technology" in Cuttack City

Subject: Original Technology Owner (OTO) Authorization letter

Dear Sir,

This is to certify that we, M/s. _____ vide CIN / LLPIN # _____ and PAN No. _____ are Original Technology Owner for Technology Name: _____ Technology for IN-SITU ECOLOGICAL REJUVENATION OF THE WATER BODIES & WETLANDS.

We do hereby authorised _____, GSTIN _____ and PAN# _____ # _____

_____ to quote, bid, negotiate and conclude the said project on our technology. This Authorization being issued for above mentioned tender at CMC is non-transferable.

We Assure you the very best of our services and stand a counter guaranty for our partner for implementation of our technology and performance.

Please feel free to reach the undersigned in case of any clarifications.

Thanks & Regards

For M/s. _____

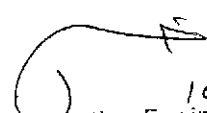
(Authorized Signatory) Name: _____ Mobile _____

(Company Seal / Stamp)

APPROVED

E.O.I of 22 (Twenty-Two) Pages only

Sd/-
Commissioner
Cuttack Municipal Corporation


16/10/2022
Executive Engineer
City Division-II
Cuttack Municipal Corporation