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OFFICE OF THE MUNICIPAL COUNCIL, TITILAGARH

(Deptt. of Housing & Urban Development, Govt. of Odisha)

At/ Po. Ps. Titilagarh, Dist-Balangir - 767033, e-mail:titilagarhmunicipality@gmail.com, www.titilagarhmunicipality.in

Letter No.2022

Date-24.08.2023

EXPRESSION OF INTEREST FOR PREPARATION OF STORM WATER DRAINAGE MASTER PLAN & DPR OF TITILAGARH MUNICIPALITY

Titilagarh Municipality proposes to undertake Preparation of storm water drainage master plan & DPR for Titilagarh Municipality Area.

Proposals are invited to conduct the assignment and submit the deliverables from Public Sector Undertakings/ Autonomous Bodies/consulting registered architectural/civil firms that have requisite experience in preparation of drainage/pipeline/sewerage network plan.

Details may be accessed and the EOI/application forms can be downloaded from the website:www.titilagarhmunicipality.in .

The completed application, as per instructions in the EOI document, should reach the following address by hand/ registered post/ Speed Post/ Courier latest by **4:00 PM on 07.09.2023**.

Titilagarh Municipality reserves the sole right to accept or reject any assigning any reason whatsoever.


Executive Officer
Titilagarh Municipality.

Memo No. 2023 / Date- 24.08.2023

The Director, I&PR, Govt. of Odisha, Bhubaneswar for information with request to publish the same in any one English Newspaper and two Odia Newspaper on Consecutive two days i.e. Dated **25.08.2023** and **26.08.2023**


Executive Officer
Titilagarh Municipality

Memo No. 2024 / Date-24.08.2023

Copy forwarded to the Collector,cum District magistrate Balangir/ Project Director, DUDA, Balangir/ Sub-Collector, Titilagarh / BDO, Titilagarh / Tahsildar, Titilagarh / SE, R&B, Kantabanji / JE, PH Section, Titilagarh for favour of kind information with a request to play the EOI in their respective notice board for wide publication.


Executive Officer
Titilagarh Municipality



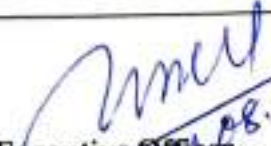


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Schedule of EOI & Other Important Information

Sl. No	Particular	Details
1	Web Address to download the EOI	www.titilagarhmunicipality.in
2	Last Date of Receipt of Pre-bid Query through E- mail ID only (Email ID: :titilagarhmunicipality@gmail.com)	5.09.2023
3	Date & Time of Pre-bid Meeting at Titilagarh Municipality	07.09.2023 at 12:30 PM
4	Last Date & Time of Submission of Bid by Speed Post/ Registered Post/ Courier or by Hand (Bid Due Date & Time)	07.09.2023 by 4:00 PM
5	Date & Time of Opening of Bid	08.09.2023 at 11:00 AM
6	Cost of EOI Document	DD of Rs.10,000/- from any Nationalized / Scheduled Bank in favour of Executive Officer, Titilagarh Municipality payable at Titilagarh
7	Earnest Money Deposit	DD of Rs.50,000/- from any Nationalized / Scheduled Bank in favour of Executive Officer, Titilagarh Municipality payable at Titilagarh
8	Address where Bidders must send proposal	Executive Officer, Titilagarh Municipality


Executive Officer
Titilagarh Municipality.
08.08.2023



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**EXPRESSION OF INTEREST
FOR PREPARATION OF STORM WATER DRAINAGE MASTER PLAN & DPR
OF TITILAGARH MUNICIPALITY**

Titilagarh Municipality is in the District of Titilagarh having an area of **10.36 Sq. Kms** and Population of **31258** as per Census-2011, consisting of **15** Nos. of Wards ..

Looking in to the sufferings of the people of the city, the Housing & Urban Development Department, Govt. of Odisha has directed the Municipality to go for a Comprehensive Drainage Master Plan for Titilagarh Municipal Area as mandated by the 5th State Finance Commission to solve the above issue.

Titilagarh Municipality is an urban local body with the responsibility of providing basic civic services like roads, water supply, sewerage, health, sanitation and storm water disposal etc. within its **15** wards.

In support of the Invitation for the EOI (Offer), the Titilagarh Municipality issues this Bidding Document for the preparation of Comprehensive Drainage Master Plan along with DPR with complete technical data, design, drawing, estimates with specification etc. and Related Services incidental thereto as specified in Schedule of Services (SS).

The main objectives of the present work are:

To prepare a Detailed Project Report for implementation of comprehensive storm water urban drainage system at Titilagarh Town consisting of the Municipal area & fringed areas. The entire study will have an integrated approach to Urban Watershed Management.

The DPR shall be prepared as per the norms & guidelines of Housing and Urban Development Department, Govt. of Odisha.



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OBJECTIVES/ SCOPE OF THE ASSIGNMENT:

The scope of services to be rendered is as follows:

1. Total station survey, for collection of baseline data of existing Drain, Road, along with its R.L. for an outcome to investigate water logging situation at different pockets under Titilagarh Municipality jurisdiction, so as to enable for preparation of Master DPR on drainage system.
2. Checking adequacy for natural drains as well as existing road side drains.
3. Topographical survey of the identified water-logged areas, road side drains and nallas (L- Section and Cross-Section)
4. Calculation of flood discharge and designing of storm water drains for water logged areas including storm water drain of appropriate size along roads suggestions for improvement of Nallas and Cross-drain works, planning and designing of network of storm water drains for rain fall intensity.
5. Study of Rainfall data and Hydrology for Titilagarh region including analysis of historical data & future projected data: Proven computer model shall be used for studying the urban hydrology of the city.
6. Determination of water sheds and drainage patterns of the study area & its surrounding with the aid of existing maps with contour lines I NRSA topo sheets and aerial photographs of town & the drainage basin (catchment area) and by carrying out additional survey.
7. Topographical survey & G.I.S. based mapping of entire project area with 0.20 met recontour interval marking therein all-important features.
8. Identification of flood prone areas, reasons for flooding and mitigation Measures required.
9. Conducting field survey of existing drainage net-work, hydraulic testing of the adequacy of size, identification classification of major & primary storm water drains existing & required & their present condition.
10. Preparation of Cost of project & preparation and finalization of D.P.R.

The DPR shall include the following:

- ❖ Detailed survey of the drains and their flood plain areas
- ❖ Review of existing conditions including incorporation of present Drainage works in progress by other agencies like Drainage Division, Titilagarh of Department of Water Resources, PWD etc.
- ❖ Deficiency analysis from hydraulic and structural point of view Enlisting of obstructions, bottlenecks and encroachments
- ❖ Socio-Environmental impact analysis

- the Design Discharge of the individualizations.
- ❖ Preparation of Longitudinal Sections (LS) and Cross Sections (CS) Soil Investigation
- ❖ Structural design of drain cross-section depending on the availability of land.
- ❖ Detailed estimates with rate analysis based on current SR.
- ❖ Preparation of detailed Drawings
- ❖ Construction program to complete the execution within 3 years
- ❖ Ground water recharging study & its effect.
- ❖ Preparation of land schedule and land plan for acquisition of private, Govt. and forest lands to develop the network.
- ❖ The DPR should be prepared as per standard guidelines & norms stipulated by Housing and Urban Development Department, Government of Odisha.
- ❖ The DPR should be prepared and submitted system wise, i.e. one DPR should be prepared for one Main Drain including all its Secondary and Tertiary Drains in a holistic manner.

Out comes all deliverables

By the completion of this task the Titilagarh Municipality shall have:

- ❖ An accurate assessment and understanding of the Municipal Storm water drainage system as well as water bodies like ponds and lakes etc.
- ❖ A complete and comprehensive storm water drainage master plan with DPR with the study report for the entire Titilagarh Municipal area up to design period showing complete details like drain size, material, slope, depth, invert levels, and all hydraulic details.
- ❖ Contour map indicating 0.20 mtr. contour interval with junction levels. Bench marks covering the entire Municipal area @ one per sq.km at suitable locations.
- ❖ Intensity duration curves and runoff coefficients.
- ❖ Flow charts: preliminary designs, drawings, and detailed cost estimates for drainage works until final disposal for the entire drainage.
- ❖ The detail land plan and land schedule required for the project Private, Government and Forest Land.
- ❖ Implementation plan 'with phasing of works and standard type designs and plans.
- ❖ Short- and long-term drainage strategy.
- ❖ Increased awareness of staffs towards drainage issues
- ❖ Institutional, financial, IRR, EIA etc. as per standard guidelines.
- ❖ The DPR for the work should be prepared and submitted separately for each Primary Drain with its Secondary and Tertiary Drains in a holistic manner with detail Planning Design Drawing and Cost Estimate at the prevailing Schedule of Rates of Government of Odisha.

Eligibility conditions for consultant:

- ❖ The agency should have offered similar consultancy services preparation of at least one comprehensive Storm Water Drainage Master Plan drainage/pipeline/sewerage network plan for any Government bodies of Odisha. Organization or public sector or private organization Project for any single urban bodies in the last 5 years.
- ❖ The agency must have completion certificate of a single work of value 1.0 Crore or more within last five years.

- ❖ The annual turnover of the agency should not be less than Rs 50 lakh in any one year in the last 5 years from consultancy service (Statement showing annual turnover certified by a Chartered Accountant have to be furnished with bid documents)
- ❖ Should produce original any CAD software license minimum 2 (two) Nos. in the name of agency.

Tender Paper Cost Rs. 10,000.00 (Ten Thousand) only Non-Refundable and EMD Rs. 50,000 (Fifty thousand) only in form of bank guaranty/ DD/ Fixed deposit duly pledged in the name of Executive Officer Titilagarh Municipality.

Marking and Returning Proposals:

- ❖ Sealed proposals must be received at the specified address no later than the closing date and time, i.e. by **4:00 PM** of date **07.09.2023**.
- ❖ Proposals shall be submitted in English, and shall be sealed in outer and inner envelopes (Outer envelopes containing two envelopes- 1. Technical Bid, DD for EMD & Document Charges and Financial Bid and all envelopes shall indicate the bidder's name and address. The outer envelope shall be addressed to **The Executive Officer, Titilagarh Municipality, Titilagarh-764059, Dist.-Titilagarh (Odisha)** with full address of applicant and super scribed as **"EXPRESSION OF INTEREST FOR PREPARATION OF STORM WATER DRAINAGE MASTER PLAN & DPR OF TITILAGARH MUNICIPALITY"**.
- ❖ The 1st inner envelope shall be marked Technical Bid and EMD addressed in the same manner as the outer envelope and shall be in the prescribed format.
- ❖ The 2nd inner envelope shall be marked as Financial Bid and addressed in the same manner as the outer envelope, and shall be in the prescribed format



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Annexure-I

**Format of Covering letter
(On the Applicant Letter Head)**

To

**The Executive Officer
Titilagarh Municipality,
Titilagarh-764059.**

**Sub: EOI FOR PREPARATION OF STORM WATER DRAINAGE MASTER
PLAN & DPR OF TITILAGARH MUNICIPALITY.**

Dear Sir,

We the undersigned, offer to provide service as per the EOI floated by your good office i.e. "EOI FOR PREPARATION OF STORM WATER DRAINAGE MASTER PLAN & DPR OF TITILAGARH MUNICIPALITY".

In accordance with your EOI document No.____ Date_. We have examined the details given in this EOI notice, Performa etc.

I / We hereby certify that all the statements made, and information furnished in the enclosures is true and correct.

I/We have furnished all information and details necessary for EOI and have no further pertinent information to supply.

I/ We also agree that the authorized representatives can approach individuals, employers and firms to verify our competence and general reputation.

I/We submit certificates in support of our suitability, technical knowhow and capability for having successfully completed the projects, in prescribed format.

I/ We agree that the discretion and decision of the Titilagarh Municipality in respect of selection of the agencies with accomplished expertise is final and binding.

We understand that you are not bound to accept any proposal you receive.

Signature of Applicant

Name & Designation of



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Signatory Date: _____

Annexure-II

Organizational Details

Sl. No.	Parameter	Details
1	Full Name of the Firm/Agency Organization	
2	Year of Establishment	
3	Status of Firm (Proprietorship/Partnership/Any other)	
5	Name of Directors/Partners/Proprietors with Designations	
7	Registered Full Address of the Firm	
8	Phone/ mobile No. of Authorized Person of the Firm	
9	Email ID	
10	PAN Number	
11	GST Regd. Number	

Copies of original documents defining the legal status, registration etc. are to be enclosed.

Place:

Signature of the applicant

Date:

Name & Designation



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Annexure-III

List of assignments completed in last 5 years ending 31.03.2023

Sl. No.	Name of Work/ Project with address	Short description of assignment	Name and Address of Owner/ Client	Cost of Work/ Project	Date of Start of Work/ Project	Date of Completion of Work/ Project

NOTE:

Work / Projects means similar nature of work as per the objective and broad scope of the assignment. The list of works/ project mentioned should be substantiated with documentary evidence such as work orders or contract agreement or completion certificates from the owner/client.

Place:

Signature of the applicant

Date:

Name & Designation



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Annexure-IV

Sl. No.	Financial year	Annual Turnover (Rs.)
1	2018-19	
2	2019-20	
3	2020-21	
4	2021-22	
5	2022-23	

Note: Certified copies of audited Balance Sheets/ Chartered Accountants' Certificates to be enclosed for each financial year.

(Seal and Signature of Statutory Auditor)



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Annexure-V

FINANCIAL BID FORMAT

SL No.	Item	Unit	Rate (Rs.) for whole assignment including all taxes & duties	
			In Figure	In Words
1.	Preparation of Comprehensive Drainage Master Pl along with DPR for Storm Water Drainage System of Titilagarh Municipal Area in conformity with the provisions of detailed scope of work mentioned in the tender documents.	Per One km municipal area.		

All costs and charges, related to the offer, shall be expressed in Indian Rupees only and the total cost shall be inclusive of taxes & duties etc.

Place:

Signature of the applicant

Date:

Name & Designation

**EXPRESSION OF INTEREST
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MASTER PLAN & DPR OF TITILAGARH MUNICIPALITY.**