



Letter No. 46

Date 05/01/2023

Expression of Interest

Choudwar Municipality proposes to undertake "Preparation of Storm Water Drainage Master Plan and DPR for Choudwar Municipality area".

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

The details may be accessed and the EOI/ Application forms can be downloaded from the website www.choudwarmunicipality.in & www.cuttack.nic.in.

The completed application as per the instructions in the EOI document, should reach the following address by Speed Post/ Registered Post/ Courier by hand latest by 5 pm on 25.01.2023.

Choudwar Municipality reserves the sole right to accept or reject any or all proposals without assigning any reason whatsoever.


Executive Officer

Choudwar Municipality

Memo No. 47 / Date 05/01/2023

Copy submitted to the Collector & District Magistrate, Cuttack/ Project Director, DUDA, Cuttack/ Sub-Collector, Cuttack Sadar for favour of kind information with a request to display the same in the notice board for wide publication and one copy displayed in the Choudwar Municipality Office Notice Board for wide publication.


Executive Officer

Choudwar Municipality

Memo No. 48 / Date 05/01/2023

Copy submitted to the D.I.O, NIC, Cuttack for kind information with a request to display the notice along with EOI details in the district website, Cuttack for wide publication.


Executive Officer

Choudwar Municipality

Memo No. 49 / Date 05/01/2023

Copy submitted to the Director, I & PR, Govt. of Odisha, Bhubaneswar for information with a request to publish the same in one edition any one English News Paper and one Odia News Paper. The concerned print media should submit bill with edition copy within 15 days to the undersign for payment purpose.


Executive Officer

Choudwar Municipality

Memo No. 50 / Date 05/01/2023

Copy submitted to the Chairperson/ Vice-Chairperson, Choudwar Municipality for favour of kind information.


Executive Officer

Choudwar Municipality



**GOVERNMENT OF ODISHA
HOUSING & URBAN DEVELOPMENT
DEPARTMENT**

**PREPARATION OF COMPREHENSIVE
STORM WATER DRAINAGE MASTER PLAN
AND DETAILED PROJECT REPORT OF
CHOUDWAR MUNICIPALITY**

DISTRICT: CUTTACK, ODISHA

**EXECUTIVE OFFICER
CHOUDWAR MUNICIPALITY**

REQUEST FOR PROPOSAL (RFP)

SCHEDULE OF EOI AND OTHER IMPORTANT INFORMATION

Sl. No.	Particular	Details
1.	Web address to download the EOI	www.choudwarmunicipality.in & www.cuttack.nic.in
2.	Last date of receipt of pre-bid query through email-id only (choudwarmunicipality@gmail.com)	16.01.2023
3.	Date & Time of pre-bid meeting at Choudwar Municipality	17.01.2023 at 12.00 pm
4.	Last date & time of submission of bid by speed post/ registered post/ Courier by hand (Bid due date & time)	25.01.2023 till 5.00 pm
5.	Date & Time of opening of Technical Bid	26.01.2023
6.	Date & time of opening of Financial Bid	To be intimated later to the technically qualified bidders
7.	Duration of Service	To be mutually decided
8.	Cost of EOI document	DD of Rs. 10000/- (Ten Thousand) only from any Nationalized Bank in favour of Executive Officer, Choudwar Municipality payable at Choudwar
9.	Earnest Money Deposit	DD of Rs. 30000/- (Thirty Thousand) only from any Nationalized Bank in favour of Executive Officer, Choudwar Municipality payable at Choudwar
10.	Address where Bidders must send proposal	Executive Officer, Choudwar Municipality, Choudwar-754071

Consultant

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OFFICE OF THE MUNICIPAL COUNCIL, CHOUDWAR

Govt. of Odisha (H&UD Deptt.) CUTTACK (ODISHA) PIN-754071

Phone No- 0671-2394272(O)

e-mail: choudwarmunicipality@gmail.com

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

Choudwar Municipality is in the District of Cuttack having an area of 32 Sq. Kms and Population of 42784 as per Census-2011, consisting of 19 nos. of Wards and 9176 House Holds.

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 Choudwar Municipal Area as mandated by the 5th State Finance Commission to solve the above issue.

Choudwar 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 19 wards.

In support of the Invitation for the EOI (Offer), the Choudwar 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, L.S and C.S 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 Choudwar consisting of the Municipal area & fringed areas. The entire study will have an integrated approach to Urban Watershed Management. The DPR shall be to prepared to study the topography, hydrology of the site and surroundings with a design and prepare the surface run-off water drainage, storm water management & as per the norms & guidelines of Housing and Urban Development Department, Govt. of Odisha.

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 Choudwar Municipality jurisdiction, so as enable for preparation of Master DPR on drainage system.
2. Study of rainfall data and hydrology for Choudwar region including analysis of historical data & future projected data. Proven computer model shall be used for studying the urban hydrology of the city.
3. Topographical survey of the identified water logged areas, road side drains and nallas (L-section and cross section).
4. Checking adequacy for natural drains as well as existing road side drains.

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5. Calculation of flood discharge and designing of storm water drains for water logged areas including storm water drain of appropriate size along roads, suggestion for improvement of nallas and cross-drain works, planning and designing of network of storm water drains for rainfall intensity.
6. Determination of water sheds and drainage patterns of the study area and its surrounding with the aid of existing maps with contour lines, NSRA topo sheets and aerial photographs of town & the drainage basin (catchment area) and by carrying out additional survey.
7. Identification of flood prone areas, reasons for flooding and mitigation measures required.
8. Topographical survey and GIS based mapping of entire project area with 0.20 met recontour interval making therein all important features.
9. Conducting field survey of existing drainage network, hydraulic testing of the adequacy of size, identification and classification of major primary storm water drains existing and required and their present condition.
10. Preparation of cost of project and preparation & 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 work in progress by other agencies like drainage division, Choudwar of Department of Water Resources, PWD, etc.
- Preparation of detailed drawings.
- Detailed estimate with rate analysis based on current SR.
- Deficiency analysis from hydraulic and structural point of view.
- Enlisting of obstructions, bottlenecks and encroachments.
- Socio-environmental impact analysis.
- Estimation of flood discharge and hydraulic design. Estimation and finalising the design discharge of the individualizations.
- Preparation of Longitudinal Sections (LS) and Cross-Sections (CS).
- Soil investigation.
- Structural design of drain cross-section depending up on the availability of land.
- Construction program to complete the execution within 3 years.
- Ground water recharging, study and 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 the standard guidelines and norms stipulated by Housing and Urban Development, Govt. 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.

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Outcomes of all deliverables

By completion of this task, the Choudwar Municipality should have:

- An accurate assessment and understanding of the Municipal Storm Water Drainage system as well as water bodies like ponds and lakes, etc.
- Contour map including 0.2 mtr contour interval with junction levels, bench marks covering the entire Municipal Area @ one per sq.km at suitable locations.
- A complete and comprehensive storm water drainage master plan with DPR with the study report for the entire Choudwar Municipal Area up to design period showing complete details like drain size, material, slope, depth interval levels, and all hydraulic details.
- Intensity duration curves and runoff coefficient.
- 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 Estimates at the prevailing Schedule of Rates of Govt. of Odisha.
- The detail land plan and land schedule required for the project private, Government and Forest land.
- Increased awareness of staffs towards drainage issues.
- Flow charts: preliminary designs, drawings and detailed cost estimates for drainage works until final disposal of the entire drainage.
- Implementation plan with phasing of works and standard type design and plans.
- Short and Long- term drainage strategy.
- Institutional, financial, IRR, EIA, etc. as per standard guidelines.

Eligibility conditions for Consultant:

- The agency must have the completion certificate of any single work of value 1.5 crore or more within last 5 years.
- Should produce original CAD software license minimum 3 nos. in the name of the agency.
- The annual turnover of the agency should not be less than Rs. 50 lakhs 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).
- 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 Govt. organisation or Public Sector or Private Organisation project for any single Urban Local Body in last 5 years.

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Tender Paper Cost of Rs. 10000/- (Ten Thousand) only Non Refundable and EMD of Rs. 30000/- (Thirty Thousand) only in the form of Bank Guarantee/ DD/ Fixed Deposit duly pledged in the name of Executive Officer, Choudwar Municipality within 15 days of notifying the acceptance of the proposal for award of contract. The qualified bidder shall have to furnish a performance bank guarantee amounting to 2% of the contract value in any scheduled commercial bank and the municipality will take appropriate step to refund the EMD.

Marking and Returning Proposals

- Sealed proposals must be received at the specified address no later than the closing date and time, i.e. by 5.00 pm of 25.01.2023.
- 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 & Documents 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, Choudwar Municipality, Choudwar-754071, Dist- Cuttack (ODISHA) with full address of applicant and super scribed as "EXPRESSION OF INTEREST FOR PREPARATION OF STORM WATER DRAINAGE MASTER PLAN & DPR OF CHOUDWAR 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 the 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,
Choudwar Municipality,
Choudwar**

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

Dear Sir,

We the undersigned, offer to provide service as per the EOI floated by your good office Le. **"EOI FOR PREPARATION OF STORM WATER DRAINAGE MASTER PLAN & DPR OF CHOUDWAR 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 Choudwar 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 Signatory

Date:



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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)	
4	Name of Directors/Partners/Proprietors with Designations	
5	Registered Full Address of the Firm	
6	Phone/mobile No. of Authorized Person of the Firm	
7	Email ID	
8	PAN Number	
9	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 assignment completed in last 5 years ending 31.03.2022

Sl. No	Name of the 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

Financial Status of firms /Organization

Sl. No	Financial year	Annual Turnover(Rs.)
1	2017-18	
2	2018-19	
3	2019-20	
4	2020-21	
5	2021-22	

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 Plan along with DPR for Storm Water Drainage System of Choudwar Municipal Area in conformity with the provisions of detailed scope of work mentioned in the tender documents.	Per One Km of drain in proposed area of Municipality		.

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