



ବିଜ୍ଞାପିତ ଅଞ୍ଚଳ ପରିଷଦ, ଅତାବିରା

**OFFICE OF THE NOTIFIED AREA COUNCIL, ATTABIRA**  
DIST:-BARGARH (ODISHA) PIN-768027, Email-[attabiranac.2013@gmail.com](mailto:attabiranac.2013@gmail.com), Ph.06682-221212

---

**EXPRESSION OF  
INTEREST FOR  
PREPARATION OF STORM  
WATER DRAINAGE  
MASTER PLAN & DPR OF  
NAC ATTABIRA  
DIST-BARGARH**

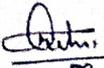


ବିଜ୍ଞାପିତ ଅଞ୍ଚଳ ପରିଷଦ, ଅତାବିରା

**OFFICE OF THE NOTIFIED AREA COUNCIL, ATTABIRA**  
DIST:-BARGARH (ODISHA) PIN-768027,Email-attabiranac.2013@gmail.com, Ph.06682-221212

**Schedule of EOI & Other important Information**

SL No	Particular	Details
	Web address to downloaded the EOI	<a href="https://bargarh.nic.in/">https://bargarh.nic.in/</a> & At-NAC Office, Attabira
1	Last Date of Receipt Pre-bid Query through E-mails ID only Email ID-attabrianac.2013@gamil.com	09-01-2023
2	Date and Time of Pre-bid meeting at NAC ATTABIRA	10-01-2023 at 11.00 AM
3	Last Date and Time of Submission of bid by Speed Post/Registered Post/Courier by Hand(Bid due Date & Time)	18-01-2023 at 5.00 PM
4	Date & Time of opening of the Technical Bid	19-01-2023 at 11.00 AM
5	Date & Time of opening of the Financial Bid	19.01.2023 at 01.00 PM
6	Cost of EOI Document	Rs. 10,000/- By paying though DD in the name of Executive Officer, NAC Attabira on or before Dt: 18.01.2023
7	Earnest Money Deposit	Rs. 50,000 (Fifty thousand) only in form of bank guaranty/ DD/ Fixed deposit duly pledged in the name of Executive Officer, NAC, Attabira
8	Address where bidder must sent proposal	Executive Officer, ATTABIRA NAC

  
Executive Officer  
Attabira NAC



ବିଜ୍ଞାପିତ ଅଞ୍ଚଳ ପରିଷଦ, ଅତାବିରା

OFFICE OF THE NOTIFIED AREA COUNCIL, ATTABIRA  
DIST:-BARGARH (ODISHA) PIN-768027, Email-attabiranac.2013@gmail.com, Ph.06682-221212

## EXPRESSION OF INTEREST FOR PREPARATION OF STORM WATER DRAINAGE MASTER PLAN & DPR OF ATTABIRA NAC

Attabira NAC is in the District of Bargarh having an approximate area of 22.02 Sq. Kms and Population of 17243 as per Census-2011, consisting of 12 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 NAC to go for a Comprehensive Drainage Master Plan for Attabira NAC Area as mandated by the 5th State Finance Commission to solve the above issue.

Attabira NAC 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 12 wards.

In support of the Invitation for the EOI (Offer), the Attabira NAC 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 Attabira Town consisting of the NAC 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.

### OBJECTIVES / SCOPE OF THE ASSIGNMENT

The scope of services to be rendered is as follows:

- ❖ 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 Attabira NAC jurisdiction, So as to enable for preparation of Master DPR on drainage system.
- ❖ Checking adequacy for natural drains as well as existing road side drains
- ❖ Topographical survey of the identified water logged areas, road side drains and nallas (L-Section and Cross-Section)
- ❖ 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.

- ❖ Study of Rainfall data and Hydrology for Attabira region including analysis of historical data & future projected data. Proven computer model shall be used for studying the urban hydrology of the city.
- ❖ 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.
- ❖ Topographical survey & G.I.S based mapping of entire project area with 0.20 met recon tour interval marking therein all important features.
- ❖ Identification of flood prone areas, reasons for flooding and mitigation Measures required.
- ❖ Conducting field survey of existing drainage network, hydraulic testing of the adequacy of size, identification classification of major & primary storm water drains existing & required & their present condition.
- ❖ Preparation of Cost of project & preparation and finalization of D.P.R.
- ❖ After completion of DPR submit both hard & soft copies (3 nos) to this Office.
- ❖ The survey work should be completed within 3 months from the date of received of Work Order.

**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, Attabira 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
- ❖ Estimation of flood discharge and Hydraulic design. Estimation and finalizing 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
- ❖ 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, ie. 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 ATTABIRA NAC 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 ATTABIRA NAC area upto design period showing complete details like drain size, material, slope, depth, invert levels, and all hydraulic details.

- ❖ Map indicating levels at 20 meter interval with junction levels, Bench marks covering the entire NAC 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 on preparation of at least one comprehensive Urban Storm Water master Plan design for any Government bodies of Odisha in the last 5 years.
- ❖ The agency must have completion certificate of a single design work of value Minimum Rs. 5 Crore or Completion of single survey work of value Minimum Rs. 30 Lakhs 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 CAD software license minimum 2 (two) nos in the name of agency.
- ❖ The attested copies of PAN Card/ GSTN Registration Number.

**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 Attabira NAC.**

**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 date 18-01-2023
- 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 & 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, NAC Attabira, ATTABIRA-768027, Dist.-AN TABIRA (Odisha) with full address of applicant and super scribed as **"EXPRESSION OF INTEREST FOR PREPARATION OF STORM WATER DRAINAGE MASTER PLAN & PREPARATION OF DPR OF NAC ATTABIRA"**
- 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.

**Duration of Service:** To be mutually decided.

**Payment Terms and Schedule in a tabular form**

The Payment of Consultancy Fees will be made as per the following table:

SI No.	Milestones to be Achieved	Installments of Payment
1	On presentation of proposal report with Ariel views of different parts of the Attabira NAC in connection to storm Water Drainage Master Plan for Attabira NAC, submission of 5 copies and for mobilization.	10% of the total amount of the existing road in KM as per the Road statistics report of Attabira NAC will be released.
2	On submission of total station survey report 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 Attabira NAC jurisdiction. So as to enable for preparation of Master DPR on drainage system & Topographical survey report of the identified water logged areas, road side drains and nallas to Attabira NAC. (L-Section & Cross-Section)	25% of the total amount of road covered in KM will be released. (on completion of each word)
3	On submission of ward wise Details Project Report (DPR) as per the requirement mentioned in the agreement with due verification of J.E/A.E & NAC Engineer of Attabira NAC.	25% of the total amount of road covered in KM will be released. (on completion of each word)
4	On submission of composite Details Project Report (DPR) on Storm Water Master Plan of Attabira NAC to this office.	20% of the total amount of road covered in KM will be released.
5	Preparation of Specification and submission of Tender Documents drain wise good for construction.	Balance amount will be released as per the total length of road covered in the master plan.

The payments will be made upon submission of an invoice backed by consultant. Payment of professional fees would be made within two weeks of submission of Invoice.

  
**Executive Officer**  
**Attabira NAC**

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

To,

The Executive Officer,  
Attabira NAC, Attabira

Sub: EOI FOR PREPARATION OF STORM WATER DRAINAGE MASTER PLAN & DPR  
OF NAC ATTABIRA.

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 NAC ATTABIRA"

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

I/We hereby certified 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/W also agree that the authorized representatives can approach individuals, employers 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 agreed that the discretion and decision of the Attabira NAC in respect of selection of the agencies with accomplished expertise in final and binding.

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

**Signature of the Applicant**

**Name & Designation of Signatory  
Date:**

**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 Director/Partners/Proprietors with Designation	
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**

**List of assignments completed in last 5 years ending 31.03.2022**

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 mean 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**

**Financial Status of Firm/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)

To

The Executive Officer,  
Attabira NAC, Attabira

SUB: FINANCIAL BID FOR PREPARATION OF STORM WATER DRAINAGE MASTER PLAN & DPR OF NAC ATTABIRA.

Sl. No.	Item	Unit	Rate (Rs.) for whole assignment	
			In Figure	In Words
1.	Preparation of Comprehensive Drainage Master Plan along with DPR for Storm Water Drainage System of Attabira NAC Area in conformity with the provisions of detailed scope of work of the tender documents.	Per One km survey road length.		

GST Extra as per Govt. of India actual rate.

Place:

Signature of the applicant

Date:

Name & Designation