

OFFICE OF THE SORO MUNICIPALITY
e-Mail: soromunicipality@gmail.com

Letter No. 1892

Date. 21/07/2023

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

Soro Municipality proposes to undertake Preparation of storm water drainage master plan & DPR for Soro Municipality area.

Proposals are invited to conduct the assignment and submit the deliverables from engineering consultants/Consulting registered architectural firms that have requisite experience in preparation of drainage/Pipeline/Sewerage network plan.

Details of the bid document can be obtained from the office of Soro Municipality by paying the Bid processing fees Rs.10,000 (Rupees Ten thousand) only non refundable during office hour on or before Dt: 07.08.2023

The completed applications, as per instructions in the EOI document should reach the following address by hand/registered post /speed post/ Courier latest by 1 PM on Dt: 08.08.2023

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

Judhansu
21/07/2023
Executive Officer
Soro Municipality

Memo No. 1893 / Dt. 21/07 / 2023

Copy to the Office Notice Board and Soro Municipality website for wide publication

Judhansu
21/07/2023
Executive Officer
Soro Municipality.

Memo No. 1894 / Dt. 21/07 / 2023

Copy submitted to The Deputy Director, Advertisement, I & PR Dept., Odisha Bhubaneswar for publication of the above Tender Notice in two Odia local daily news paper for one day publication using minimum space of Govt. of Odisha, I & PR Deptt approved rate and submit the bill after publication in duplicate for payment. Copy of the specified publication should be submitted along with the bill after which the bill will be processed for pass and payment .

Judhansu
21/07/2023
Executive Officer
Soro Municipality.

Memo No. 1895 / Dt. 21.07 / 2023

Copy submitted to the Collector and District Magistrate, Balasore/PD DRDA-
Cum-P.D, DUDA, Balasore/ DIPRO, Balasore for favour of kind information.

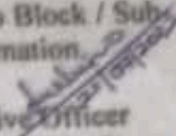
Judhansu
21/07/2023
Executive Officer
Soro Municipality.

OFFICE OF THE SORO MUNICIPALITY

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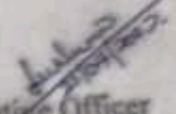
Memo No. 1896 / Dt. 21.07.2023

Copy forwarded to the Municipal Engineer / Accounts officer, Soro Block / Sub-Treasury officer, Soro, members of Soro Municipality Tender Committee for information.


Executive Officer
Soro Municipality.

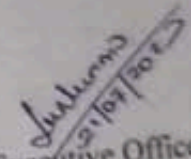
Memo No. 1897 / Dt. 21.07.2023

Copy forwarded to the Tahasildar, Soro / Block Development Officer, Soro / AEE., P.W.D.(R&B) Sub-Division, Soro/AEE, RD Sub-Division, Soro / Inspector-in-charge, Soro Police Station / AEE.R.W.S & S Sub-division, Soro /P.H. Section, Soro/Accountant, Soro Municipality for information with a request to kindly display the said Tender Call Notice in their Office Notice Board for wide publication.


Executive Officer
Soro Municipality.

Schedule of EOI & Other important Information

SL No	Particular	Details
1	Last Date of Receipt Pre-bid Query through E-mails ID only	07.08.2023
2	Last Date and Time of Submission of bid by Speed Post/Registered Post/Courier by Hand(Bid due Date & Time)	1 PM, 08.08.2023
3	Date & Time of opening of the Technical Bid	11 A.M, 10.08.2023
4	Date & Time of opening of the Financial Bid	To be intimated later to the technically qualified bidders.
5	Cost of EOI Document	Rs. 10,000/-
6	Earnest Money Deposit	DD of Rs. 50,000/- from any Nationalized/ Scheduled bank in favor of Executive Officer, Soro Municipality payable at Soro.
7	Address where bidder must sent proposal	Executive Officer, SORO Municipality


Executive Officer
Soro Municipality

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

Soro Municipality is in the District of Baleswar having an area of 23.88 Sq. Kms and Population of 32531 as per Census-2011, consisting of 19 Nos. of Wards and 6200 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 Soro Municipality Area as mandated by the 5th State Finance Commission to solve the above issue.

Soro 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 Soro 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 Soro Town consisting of the Municipality 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 SORO MUNICIPALITY 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.

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- ❖ Study of Rainfall data and Hydrology for SORO 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.

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, SORO 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 SORO 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.

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- ❖ A complete and comprehensive storm water drainage master plan with DPR with the study report for the entire SORO MUNICIPALITY 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 Municipality 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 Urban Storm Water master Plan design/ Pipeline/ sewerage network plan/irrigation survey Project 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.

Tender Processing fees Rs. 10000.00 (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 Soro 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 1.00 PM of date 08.08.2023.
- 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, Soro Municipality, SORO-756045, Dist.-BALESWAR (Odisha) with full address of applicant and super scribed as

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"EXPRESSION OF INTEREST FOR PREPARATION OF STORM WATER DRAINAGE MASTER PLAN & PREPARATION OF DPR OF SORO 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.

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:

Sl No.	Milestones to be Achieved	Installments of Payment
1	On presentation of proposal report with Ariel views of different parts of the Soro Municipality in connection to storm Water Drainage Master Plan for Soro Municipality, 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 Soro Municipality 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 Soro Municipality 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 Soro Municipality. (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 & Municipal Engineer of Soro Municipality.	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 Soro Municipality 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 Invoices.

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Annexure - I

Format of Covering letter (On the Applicant Letter Head)

To

The Executive Officer,

Soro Municipality , Soro

Sub: EOI FOR PREPARATION OF STORM WATER DRAINAGE MASTER PLAN & DPR OF SORO 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 SORO MUNICIPALITY"

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/We 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 Soro Municipality 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

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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 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.

Signature of the applicant

Place:

Name & Designation

Date:

Financial Status of Firm/Organization

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

To

The Executive Officer,
Soro Municipality, Soro

SUB: FINANCIAL BID FOR PREPARATION OF STORM WATER DRAINAGE MASTER PLAN & DPR OF SORO MUNICIPALITY.

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 Soro Municipality 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:

Date:

Signature of the applicant

Name & Designation