



ପୌର ପରିଷଦ, ମାଲକାଙ୍ଗିରି

OFFICE OF THE MUNICIPAL COUNCIL, MALKANGIRI

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

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



ପୌର ପରିଷଦ, ମାଲକାଙ୍ଗିରି

OFFICE OF THE MUNICIPAL COUNCIL, MALKANGIRI
Odisha, Pin -764045 Ph: - 06861-230244, e-mail:- eomalkangiri@gmail.com

Letter No: 3573/Dev./2024

Date: 26/09/2024

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

Malkangiri Municipality proposes to undertake for Preparation of Storm Water Drainage Master Plan & DPR of Malkangiri Municipality area.

Proposals are invited to conduct the assignment and submit the deliverables from Engineering Consultants/ Registered Architectural Firms that have requisite experience in preparation of Drainage/Pipeline/Sewerage network master plan and DPR.

Details of the bid document can be downloaded from the website www.malkangiri.odisha.gov.in on or before Dt: 15.10.2024

The completed applications, as per instructions in the EOI document should reach the following address by **Registered Post /Speed Post** on or before 5PM on Dt: 15.10.2024

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

Sd/-

Executive Officer

Malkangiri Municipality

Memo No: : 3574 /Dev./2024

Date: 26 / 09 /2024

Copy submitted to the Collector, Malkangiri / The Project Director, DRDA-cum-P.D., DUDA, Malkangiri, /Chairperson, Malkangiri Municipality / The Sub-Collector, Malkangiri / Tahasildar, Malkangiri / Block Development Officer, Malkangiri/ Superintending Engineer (Roads and Building) Division, Malkangiri / Superintending Engineer (Rural Works) Division-I, Malkangiri for information with a request to display the tender notice in their respective Notice Boards for wide publication /One copy displayed in this office Notice Board for wide publication./DeGM, Collectorate, Malkangiri for display in District Portal website for wide publication.

Sd/-

Executive Officer

Malkangiri Municipality

Memo No: : 3575 /Dev./2024

Date: 26 / 09 /2024

Copy submitted to the Deputy Director (Advertisement) & Deputy Secretary to Govt., I & P.R. Department, Odisha, Bhubaneswar with a request to get this EOI Notice published in one no. of leading Oriya Dailies and one no. of English Daily News Paper within a minimum space for wide circulation of the EOI. The complimentary copy of the newspaper publishing the EOI notice may be sent to this office for reference and record & the bill may be sent for necessary payment as per the rate approved by I & P.R. Department, Odisha.

Sd/-

Executive Officer,
Malkangiri Municipality



ପୌର ପରିଷଦ, ମାଲକାଙ୍ଗିରି

OFFICE OF THE MUNICIPAL COUNCIL, MALKANGIRI
Odisha, Pin -764045 Ph: - 06861-230244, e-mail:- eomalkangiri@gmail.com

Schedule of EOI & Other Important Information

Sl. No.	Particular	Details
1	2	3
01	Available the EOI/DTCN.	www.malkangiri.odisha.gov.in
02	Last Date and Time of Submission of bid by Speed Post/Registered Post Only.	<u>15.10.2024</u> at 5. 00P.M
03	Date &Time of opening of the Technical & Financial Bid	17.10.2024 at 11 A.M
05	Cost of EOI Document	Rs.10,000/- only in form of Demand Draft(DD) in favour of Executive Officer, Malkangiri Municipality
06	Earnest Money Deposit	Rs. 1,00,000/- (One Lakh) only in form of Demand Draft(DD) in favour of Executive Officer, Malkangiri Municipality
07	Address where bidder must sent proposal	The Executive Officer, Malkangiri Municipality, 764045

Sd/-
Executive Officer
Malkangiri Municipality



ପୌର ପରିଷଦ, ମାଲକାଙ୍ଗିରି

OFFICE OF THE MUNICIPAL COUNCIL, MALKANGIRI
Odisha, Pin -764045 Ph: - 06861-230244, e-mail:- eomalkangiri@gmail.com

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

Malkangiri Municipality is in the District of Malkangiri having an approximate area of Ac. 18.00Sq. Kms and Population of 31200 as per Census-2011, consisting of 19 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 Malkangiri Municipality Area as mandated by the 5th State Finance Commission to solve the above issue.

Malkangiri 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 19wards.

In support of the Invitation for the EOI, the Malkangiri 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:

To prepare a Detailed Project Report for implementation of comprehensive storm water urban drainage system at Malkangiri 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:

- ❖ **DGPS& Drone** 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 Malkangiri Municipality jurisdiction, so as to enable for preparation of Master Plan & DPR on drainage system.
- ❖ Checking adequacy for natural drains as well as existing road side drains
- ❖ Topographical survey of the identified water-logged are as, road side drains and nallas (L-Section and Cross-Section)

Sd/-
Executive Officer,
Malkangiri Municipality

- ❖ 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 Malkangiri 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, 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 metre contour 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 size, identification classification of major & primary storm water drains existing & required their present condition.
- ❖ Preparation of DPR such as cost of the project, drawing, design, survey data and other specification for getting Technical and Administrative approval of the DPR. Technical sanction of DPR from the competent authority should have agency responsibility.
- ❖ After completion of DPR submit both hard & soft copies to this Office as desired by the authority.
- ❖ Survey & DPR should be prepared as per the **Manual on Storm Water Drainage System Published by MoHUA, GoI and instructions of vide letter no.850 dtd. 09.01.2024. of H&UD Deptt., Govt. of Odisha.**
- ❖ The survey work should be completed within **30 days** from the date of receiving the 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 NH Division, PWD and Water Resource department, etc.
- ❖ Deficiency analysis from hydraulic and structural point of view.
- ❖ Enlisting of obstructions, bottlenecks and encroachments of drainage.
- ❖ 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.

**Sd/-
Executive Officer,
Malkangiri Municipality**

- ❖ 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, i.e.. One DPR should be prepared for one Main Drain including all its Secondary and Tertiary Drains in a holistic manner.
- ❖ The authority reserves the right to reject any or all bids without assigning any reason thereof.

Out comes all deliverables

By the completion of this task the Malkangiri 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 Malkangiri 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 on preparation of at least one comprehensive Drain Water master Plan design for any Government bodies in Govt. of India or Govt. of Odisha in the last 5years.
- ❖ The bidder must have registration as an Engineering Consultancy/ registered Architectural Consultancy Firm in INDIA having minimum turnover not less than 3.5 crore in last 3 financial years. (Statement showing annual turnover certified by a Chartered Accountant have to be furnished with bid documents).

Sd/-
Executive Officer,
Malkangiri Municipality

❖ The bidder / Consultant must be company registered under Indian Companies Act, 2013 or a partnership firm registered under the Indian Partnership Act, 1932 or a Limited Liability Partnership registered under the Limited Liability Partnership Act, 2008

❖ The attested copies of PAN Card and GSTIN Registration Number(Form-6).

Tender Paper Cost Rs. 10,000.00 (Ten Thousand) only Non Refundable and EMD Rs.1,00,000/-(One Lakh) only in form of Demand Draft in the name of Executive Officer Malkangiri Municipality. And if MSME certificate having with the bidders then EMD amount exempted for bidders.

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: 15.10.2024**
- 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, Malkangiri Municipality, Malkangiri-764045, Dist.-Malkangiri (Odisha) with full address of applicant and super scribed as **"EXPRESSION OF INTEREST FOR PREPARATION OF STORM WATER DRAINAGE MASTER PLAN & DPR OF MALKANGIRI 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.

**Sd/-
Executive Officer,
Malkangiri Municipality**

Criteria, for selection process:-

SI.NO	Bid Evaluation Parameters	Allocation of Marks
01	The Bidder/Consultant should have been in the Consulting business for more than fifteen years from the date of submission of the proposal.	05
02	Bidder Should have average annual turnover for the last three financial years should be equal to or greater than Rs.3.5 crores from consultancy work only. Balance sheet and CA certificate is to be attached.	05
03	The Bidder having experience of similar/urban consultancy work performed in India, like DPR for restoration/rejuvenation of water body or lake/sewerage projects, DPRs etc. for urban area for any Govt-05 no's*1mark	05
04	The firm/agency should have completed at least 1 number of similar nature consultancy services related to preparation of DPR/master plan of comprehensive urban Strom water drainage scheme with population more than 1, 00,000 & having minimum command area of 50 Sq.km etc. for Government/ semi government.	05
05	Experience in Preparation of GIS/RS Based Comprehensive Development Plan/Master Plan for Township in Govt. of Odisha numbers into 5no's*5 marks (Ongoing project also considerable)	25
06	Experience in preparation of Master Plan or Development Plan urban Sectors at least 2no's*2.5marks for Govt. in India or Odisha Government.	05
07	Work Plan & Approach and Methodology, understanding of the Project with available support technology system-submitted along with proposal.	40
08	Qualification and competence of the Key Professional Staff for the assignment 1- Team Leader-01M.E./M. Plan with 25 years' experience & Specialization in Master Plan/sewerage or storm water management-05 Marks 2- Project Engineer-02 ME/BE with 10 years' experience & specialization in sewerage or storm water management - @3*1=03 Marks 3- GIS Expert-01-BE with 05 Years experience with specialization in GIS-Master Plan/Sewerage or Strom water Management -GIS work Minimum 5 Projects experience in any urban towns of India-02Marks	10
	Total=	100

Minimum 75 marks to be obtained for qualifying.

**Sd/-
Executive Officer,
Malkangiri Municipality**

Duration of Service: Four Months

- IV. The DPRs should be prepared separately for each Main / Primary Drain with its Secondary and Tertiary Drains as a complete system having all details and cost estimate at the prevailing scheduled of rates of Government.**

7. Duration and Execution Schedule

The DPRs shall be prepared in all respects within a period of 4 (**Four**) months and during this period the consultants shall submit a number of progress reports, working papers & draft and final reports for the consideration of the employer.

Sl. No.	Activity / Report	Time from the Previous Activity
1	Submission of inception Report (5 copies)	15 th Days
2	Submission of Preliminary Report (5 copies)	15 th Days
3	Submission of Draft DPR Report (Hard copies)	One months
4	Submission of Detailed Project Report for all major /prioritized Drains (5 Hard copies + 1CD Media/Pen drive)	One month
5	Submission of Final DPR Report (5 Hard copies + 1CDMedia/Pen drive)	One month

The project being quite intensive in terms of the number of activities vis-a-vis the time schedule, it is expected that timely reviews and comments be forwarded to the Consultant for preventing delays and to ensure smooth work progress.

Schedule of Payment

I. Preparation of Master Plan for Storm Water Drainage for the entire city

The professional charges payable to the consultants will be the quoted Rate in Indian Rupees per Square Kilometer area. The approximate area of Malkangiri Municipality is 18.00 Square Kilometer. The Professional charges so calculated will be released in the stages mentioned below:

Sl. No.	Activity / Report	Payment Schedule
1	Submission of Inception Report	20%
2	Submission of Draft Master Plan Report	15%
3	Submission of Final Master Plan Report	15%
4	Submission of Detailed Project Reports & approved by the competent authority for all major Drains with its secondary and tertiary drains as a system in a holistic manner and water bodies , lakes	45%
5	Submission of Tender Documents	5%

The payments will be made as per the availability of fund with upon submission of an invoice backed by consultant. Payment of professional fees would be made within one week of submission of Invoices.

Sd/-
**Executive Officer,
Malkangiri Municipality**

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

To,

**The Executive Officer,
Malkangiri Municipality.**

Sub: EOI For Preparation of Storm Water Drainage Master Plan & DPR of Malkangiri 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 Malkangiri Municipality"

In accordance with your EOI document No:....., Dt..... 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 Malkangiri 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:

Sd/-
**Executive Officer,
Malkangiri Municipality**

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 the 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	

Place

Signature of the Applicant

Date

Name & Designation

**Sd/-
Executive Officer,
Malkangiri Municipality**

(To be submitted submitted in separate cover)

**TENDER DOCUMENT-Part
II
(Price Bid)**

PAGE OF THE TENDER DOCUMENT -PART II (PRICE BID) IS TO BE SUBMITTED AS FOLLOWS.

From,

(Name of Consultant
With full address)

To,

The Executive Officer
Malkangiri Municipality
Malkangiri-764045,
Odisha.

Sub: Consultancy Services for "Preparation of Comprehensive Drainage Master Plan & Detailed Project Report for Storm Water Drainage System of Malkangiri Municipality area-Financial Proposal regarding.

Ref: EOI Notice No.dt.....

Sir,

I / We.....

Consultant/Consortium Firms are willing to offer our Consultancy Services for the above-mentioned work at the following rates.

Sl. No	Item	Unit	Rates(Rs.) for whole assignment(Including all Taxes & excluding GST)	
			In Figure	In Words
1	Preparation of Comprehensive Drainage Master Plan along with DPR for Storm Water Drainage System of Malkangiri Municipality Area in conformity with the provisions of detailed scope of work of the tender documents. (Covering total projected Municipality area of approximately 18.00 sqkm)	Lump Sum for Municipality Area		
	TOTAL			

Note: No overwriting. No Correction.

Signature of the Applicant

Name & Designation of Signatory

Date:

Sd/-
Executive Officer,
Malkangiri Municipality