



GOVERNMENT OF ODISHA
DEPARTMENT OF WATER RESOURCES

**EXPRESSION OF INTEREST
FOR**

**SURVEY INVESTIGATION
PREPARATION OF DPR
LS-DS & DESIGN DRAWINGS
RELATING TO
DRAINAGE ORGANISATION**

MARCH-2016

**Chief Engineer,
Drainage, Cuttack.**

**Office of the Chief Engineer
Drainage, Gandarpur, Cuttack.**

Email : cedrainage@gmail.com / Phone/FAX : 0671-23442928.

Invitation for **Expression of Interest** for Survey, Investigation, preparation of DPR, LS-DS, design and drawing of structures relating to Drainage Organization:

Drainage Organisation under Department of Water Resources, Government of Odisha functioning from the year 2001-02 is involved in works of renovation of natural drains in the command area for retrieval of the water logged area. The organisation headed by one Chief Engineer with HQ at Cuttack has a vast jurisdiction spanning from Balasore District to Ganjam District. It has been assessed that a total area of 2, 17,845 Ha of land is under water logging out of which 1,90,255 Ha of land can be retrieved. The total area has been divided in to 17 no's of Doabs with total drain length **8988** Km. In order to achieve the desired target, Government of Odisha has launched a new scheme namely “**Drainage Improvement Programme**” from the year 2014-15. The scheme involves renovation of about 5700 Km length of Drainage Channels and construction of 240 hydraulic structures like Drainage Sluices, In stream storage structures, Foot Bridges, V R Bridges, Control structures, Hybrid structures like Sluice with bridge combination, Water harvesting structures with end sluices and other structures.

With acute shortage of manpower, specifically technical personnel, it has been proposed at the highest level to outsource the works relating to survey, investigation and preparation of DPR, design and drawing of the Organisation. For the purpose Department of Water Resources, invites Expression of Interest from registered and eligible firms / consultants for survey, investigation and preparation of DPR providing design and drawings of Drainage systems in the Project area. The work includes conducting field survey and investigation, preparation of DPR for Drainage Systems including preparation of DS-LS of about 3000 km length of Drainage Channels and Design Drawings of about 200 no's of hydraulic structures like Drainage Sluices, In stream Storage Structures, Water Harvesting Structures Foot Bridges, Village Road Bridges, Escapes. (Providing 12 sets of DPR in hard copy and the soft copy in a CD, drawings in 5 sets with due approval either from Chief Engineer (Designs) Bhubaneswar or Chief Engineer, Drainage, Cuttack with all clarifications / specifications.

Chief Engineer, Drainage

Bidder

The consultant at their own expenses may visit to the work site mainly in Districts Balasore, Bhadrak, Jajpur, Kendrapara, Jagatsinghpur, Cuttack, Puri, Khurda, Nayagarh and Ganjam.

The purpose of this EOI is to prepare list of firms / consultants/ institutes who will be eligible for participation in bids invited for such works in the near future.

Department of Water Resources, Govt. of Odisha reserves the right to accept or reject any application and to cancel the process at any time without assigning any reason thereof.

The format for EOI along with scope of work and other details is available in the official website www.dowrorissa.gov.in from 21.03.2016 from 10.00 Hrs to 06.04.2016 up to 16.00Hrs. Interested Bidders may submit their EOI in an sealed envelope clearly labeled "EOI for Drainage works of Chief Engineer, Drainage in drop boxes at the office of the Chief Engineer, Drainage, Gandarpur, O/o the Executive Engineer, Drainage Division, Bhubaneswar , O/o the Executive Engineer, Drainage Division, Berhampur, O/o the Executive Engineer, Drainage Division, Balasore from the date 02.04.2016, 10.00 Hrs to 7.04.2016 upto 16.00Hrs. The EOI downloaded from website and completed EOI can also be submitted by speed post in sealed envelope containing hard and soft copy (electronic-CD) addressing to the Chief Engineer, Drainage, Gandarpur, Cuttack, Odisha, PIN-753003 from 02.04.2016, 10.00 Hrs to 7.04.2016 upto 16.00Hrs. All the documents submitted along with EOIs must be signed by the authorized signatory of the firm. Late submission of EOIs by post or other means will not be considered for opening. (Department will not be responsible for any lapses or delays in postal delivery).

SCOPE OF WORK:

The scope of work broadly comprises of the following tasks:

- Survey and investigation & preparation of DPR for any drainage system.
- Conducting field survey and investigation works for preparation of DPR of any Drainage System with assessment of quantitative and financial involvement in consultation with the field Officers/ Engineers.
- Preparation of Design Statement of the Drains based upon the field data in the prescribed format using standard rules and prevailing guidelines of Water Resources Department, Odisha.
- Preparation of Longitudinal Section of the Drains as per field data in the prescribed format showing all design details as per the prevailing guidelines of Water Resources Department.
- Preparation of detailed Design and Drawings of Hydraulic Structures based upon the field data using the standard Design practices of Water Resources Department and prevailing BIS codes and guidelines.
- The type of structures are as follows:
 - ◆ Drainage Sluices
 - ◆ In stream storage structures / Check Dams
 - ◆ Foot Bridges/ Village Road Bridges/ Other Bridges
 - ◆ Water Harvesting Structures
 - ◆ Other Control Structures
 - ◆ Hybrid Hydraulic Structures (Sluice and Bridge Combination / WHS with end sluices etc)
 - ◆ Any other structure as may be required.

The firm / consultant is required to provide 12 sets of the DPR in hard copy and 5 sets of the Design Drawings of the structures or LS-DS with approval of the competent authority like Chief Engineer, Drainage or Chief Engineer, Designs . The soft copy of the DPR and Drawings are to be furnished to the Department in electronic format in a CD.

MINIMUM QUALIFYING CRITERIA

(A) Experience of projects in similar Geography / Area.

Must have successfully prepared.

- 1) DPR for at least 5 (five) nos. of Irrigation works.
- 2) Must have prepared design and drawing of at least 20 nos. of Irrigation structures including design 5 nos. of drainage sluices.
- 3) Should have surveyed & prepared longitudinal section and design statement of at least 25 km of drains/canal.
- 4) Should have experience for demarcation of land and preparation of land schedules for processing L.A. proposals.

(Copies of documents in support of experience etc. to be furnished along with details as per Form- A).

(B) Key personnel.

- 1) Team leader Irrigation/ Graduate in Civil Engg. With at least 10 years or Civil Engineering of experience in Irrigation works- 1 No.
- 2) Irrigation Design Engineer- Graduate / post graduate in Civil Engg. with at least 3 years of experience in designing of Irrigation structure- 2 Nos.
- 3) Civil Engineer- Diploma Civil Engg. with 5 years experience in Irrigation works with Auto cad knowledge- 3 Nos.
- 4) Draughtsman / Tracer with Auto cad experience – 3 Nos.
- 5) Total Station Operator- 2 Nos.

Details should be furnished with sufficient supporting documents in FORM- 'B'.

(C) Machineries & Equipments.

- 1) Total station with accessories – 2 Nos.
- 2) Automatic leveling Instrument with accessories – 3 Nos.
- 3) Computer with accessories – 5 Nos.
- 4) Plotter Printer of Ao size with accessories- 1 No.

Copies of document in support of possession of equipments to be furnished along with FORM- C.

FORMAT FOR EXPRESSION OF INTEREST
LETTER OF APPLICATION.

Date:

To

The Chief Engineer,
Drainage, Gandarpur, Cuttack.

Sir,

Being duly authorized to represent and act on behalf of(hereinafter referred to as "the Applicant"), and having reviewed and understood all of the information provided, the undersigned hereby express interest to be selected as a short-listed consultancy service for "Survey, Investigation, preparation of DPR , LS-DS, design and drawing of structures relating to Drainage organisation."

For the purposes of Expression of interest, we provide the following:

Name of Applicant/ Firm :

Address for Correspondence:

Tel/ Fax. :

E-mail Address :

Mobile No. :

Registration No. & Details :

VAT Clearance Details :

PAN / TAN Details :

The undersigned declare that the statements made and the information provided above are complete, true and correct to the best of my knowledge.

Signature

Name

For and on behalf of (name of Applicant or Lead Partner)

Chief Engineer, Drainage

Bidder

FORM 'A'

EXPERIENCES OF PROJECTS IN SIMILAR GEOGRAPHY/ AREA

Name of Applicant

Provide experiences of Projects in similar geography/ area.			
Project	Location	Name of Project Owner, construction period, mode of funding	Project cost

(Copies of documents in support of the experiences to be enclosed).

Signed

Name

(For and on behalf of name of Applicant or Leading Partner)

Chief Engineer, Drainage

Bidder

FORM 'B'

Name of the Applicant:

KEY PERSONNEL

Provide experiences and qualification of key personnel.

Expert	Name	Qualification	Year of experience in the field of consultancy for irrigation project.
Team Leader Irrigation or Civil Engineering (Civil Graduate Engineer with 10 years of experience in irrigation works – 1 No).			
Irrigation Design Engineer (Civil Graduate Engineer with 3 years experience design of irrigation structure – 2 Nos).			
Civil Engineer (Civil Diploma Engineer with 5 years of experience in irrigation with Auto cad knowledge– 3 Nos).			
(Draughtsman with Auto cad experience- 3 Nos).			
Any other expert/ specialist to be specified			

(Copies of documents in support of the qualifications and experiences of the key-personnel to be enclosed).

Signed

Name

(For and on behalf of (name of Applicant or Leading Partner)

Chief Engineer, Drainage

Bidder

FORM 'C'

Name of Applicant :

MACHINERIES & EQUIPMENTS:

Sl. No.	Name of the Equipment	Make	Quantity	Remarks

(Copies of document in support of the possession of M&E to be enclosed)

Signed

Name

(For and on behalf of (name of Applicant or Leading Partner))

Chief Engineer, Drainage

Bidder

FORM 'D'

GENERAL INFORMATION

Name of Applicant OR Partner of Joint Venture

All Individual Applicants or a Joint Venture applying for pre-qualification are requested to complete the information in this form.

1	Name of Company		
2	Head office Address		
3	Telephone Number		
4	Facsimile Number		
5	E-mail address		
6	Scope of participation		
7	Year of incorporation		
8	Professional Certificate		
9	Describe Main field of Activities		
10	Paid up Capital		
11	List of Principal Shareholders & their Nationality.		
12	Permanent Key Experts		
	Name	Nationality	Years with firm
			Qualification
13	(Business Permit or the Equivalent)		
	Permit type :		
	Issuing AUTHORITY :		
	Number :		
	Dated :		
	Expiry Date :		

Signed

Name

(For and on behalf of (name of Applicant or Leading Partner))

Chief Engineer, Drainage

Bidder

FORM : 'E'

Curriculum Vitae (CV) of Candidate for Key Personnel.

Name of Firm (insert name of Firm proposing the expert) _____

Name of Expert (insert full name): _____

Date of Birth: _____ Nationality: _____

Education (indicate college/University and other specialized education of expert, giving names of institutions, degrees obtained, and dates of obtainment): _____

Membership in Professional Associations: _____

Other Training (indicate significant training since degrees under 5- Education were obtained):

Countries of Work Experience : (List Countries where expert has worked in the last ten years):

Languages (For each language indicate proficiency: good, fair, or poor in speaking, reading and writing):

Employment Record (Starting with present position, list in reverse order every employment held by expert since graduation, giving for each employment (see format here below): dates of employment name of employing Organization, positions held.):

From (Year) _____ to (year): _____

Employer _____

Positions held : _____

Detailed Tasks Assigned. (List all tasks to be performed under this assignment.	
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Check List for Submission of EOI:

- Copy of valid Registration Certificate.
- Copy of valid VAT Clearance Certificate.
- Copy of PAN / TAN.
- Copies of Experience certificates from competent authorities in Form-A.
- Details of Key Personnel in Form –B.
- Details & machineries & equipment Form- C.
- General Information in Form- D.
- CV of Key Personnel in Form-E.
- Undertakings in form of an affidavit from a Notary that all the informations provided are true and correct.
- Any other document that the bidder may wish to add.

**Office of the Chief Engineer,
Drainage, Gandarpur, Cuttack-3**

EOI No CE-DR-EOI - 01/16

INVITATION FOR EXPRESSION OF INTEREST for “Survey, Investigation, preparation of DPR , LS-DS, design and drawing of structures relating to Drainage organisation.”

The Chief Engineer, Drainage, Gandarpur, Cuttack, At- Gandarpur /P.O. College Square, Dist. Cuttack- 753003 (Odisha) on behalf of Governor of Odisha invites Expression of Interest (EOI) for enlistment for preparation of LS-DS and design and drawings of Drainage Organisation from registered and eligible firm/Consultant for tendering their rates for the works as follows:-

1.	Conducting Field Survey and Investigation of any Drainage System and Collecting Field Data.	About 3000 Km.
2.	Preparation of DPR of any Drainage System including quantitative and financial involvement in carrying out the project with cost-benefit analysis.	To be specified depending upon the extent of Drainage System.
2.	Preparation of Design Statement and Longitudinal section of Drains.	About 3000 Km.
3.	Preparation of Detail Design Drawings Hydraulic structures relating to Drainage Organisation (Drainage Sluices, In stream Storage structures, Foot Bridges, Village Road Bridges, Hybrid Structures etc).	About 200 no's
4.	Preparation of any other type structure as may be required by the organisation from time to time.	To be specified later.

1. The consultant may visit the work sites at their own expenses which are situated in the Districts of Balasore, Bhadrak, Kendrapara, Jajpur, Jagatsinghpur, Cuttack, Khurda, Puri, Nayagarh and Ganjam.
2. EOI may be downloaded through web sites from 21.03.2016, 10.00 Hrs to 06.04.2016 upto 16.00Hrs.
3. Interested bidders may send their EOI in an envelope clearly labeled “EOI for Survey, Investigation Preparation of DPR, LS-DS, Design & Drawings relating to Drainage Organisation” to the Chief Engineer, Drainage, Gandarpur, Cuttack-753003 from 02.04.2016, 10.00 Hrs to 7.04.2016 upto 16.00Hrs by speed post or can drop in the specified Drop Box at at the office of the Chief Engineer, Drainage, Gandarpur, O/o the Executive Engineer, Drainage Division, Bhubaneswar O/o the

Executive Engineer, Drainage Division, Berhampur, O/o the Executive Engineer,
Drainage Division, Balasore.

4. Late submission of EOI by post or other means will not be considered.
5. The EOI will be opened on 08.04.2016 at 11.30 A.M. in the O/o the Chief Engineer,
Drainage, Gandarpur, Cuttack in presence of the bidders or their authorized
representatives, who wish to attend.
6. If the office happens to be closed on the date of receipt and opening of the bids as
specified the bids will be received and opened on the next working day at the same
time and venue.
7. Department will not be responsible for any lapses or delays in postal delivery.
8. The authority reserves the right to accept or reject any application and to cancel the
process at any time without assigning any reason thereof.

(Er. B. Bastia)
Chief Engineer,
Drainage, Cuttack

Memo No. / Date

Copy submitted to the Principal Secretary to Govt. Deptt. of Water Resources,
Odisha, Bhubaneswar/ Engineer-in-Chief, Water Resources, Odisha, Bhubaneswar for favour
of kind information.

Chief Engineer, Drainage.

Memo No. / Date

Copy to the Superintending Engineer, Drainage Circle, Cuttack & Balasore with
request to exhibit on the Notice Board for wide circulation.

Chief Engineer, Drainage.

Memo No. / Date

Copy forwarded to the Executive Engineers under this organisation for
information with a request for wide circulation.

Chief Engineer, Drainage.

Chief Engineer, Drainage

Bidder

Memo No. / Date

Copy along with the CD (Soft copy) submitted to the Director, State Portal (NIC), Secretariat Building, BBSR for favour of information & necessary action. It is requested to kindly publish the notice in the web site.

Encl:- CD-1 No.

Chief Engineer, Drainage.

Memo No. / Date

Copy along with the CD (Soft copy) submitted to the Director, Monitoring & Evaluation, O/o the Engineer-in-Chief, Water Resources, Odisha, BBSR for favour of information & necessary action. It is requested to kindly publish the notice in the web site on or before 21.03.2016.

Encl:- CD-1 No.

Chief Engineer, Drainage.

Memo No. / Date

Copy forwarded to the Director, Printing , Stationary & Publication , Odisha, Cuttack for publication in the Gazette.

Chief Engineer, Drainage.

Memo No. / Date

Copy to the Collector, Balasore/ Bhadrak/ Kendrapara/ Jagatsinghpur/ Cuttack/ Khurdha/ Puri/ Nayagarh and Ganjam for information & with a request for wide circulation.

Chief Engineer, Drainage.

Memo No. / Date

Copy to Notice Board.

Chief Engineer, Drainage.

Chief Engineer, Drainage

Bidder

**Office of the Chief Engineer,
Drainage, Gandarpur, Cuttack-3.**

EOI No CE-DR-EOI - 01/16

INVITATION FOR **Expression of Interest** for “Survey, Investigation, preparation of DPR , LS-DS, design and drawing of structures relating to Drainage organisation”.

The Chief Engineer, Drainage, Cuttack, At- Gandarpur, P.O. College Square , Dist Cuttack-3 (Odisha) on behalf of Governor of Odisha invites expression of interest (EOI) for “Survey, Investigation, preparation of DPR , LS-DS, design and drawing of structures relating to Drainage organisation” from registered and eligible firm/ Consultant for tendering their rates in sealed cover in addressed to the Chief Engineer, Drainage, Cuttack on or before 07.04.2015. The EOI may be downloaded through website and also be submitted in sealed envelope containing hard & soft copies by speed post only.

1. Name of work: Survey, Investigation and Preparation of DPR, LS-DS and Design & Drawings relating to Drainage Organisation.
 2. Last date of submission of sealed envelope containing their rates is on 7.04.2016 upto 16.00Hrs.
 3. The EOI will be opened on 08.04.2016 at 11.30 AM in the office of the Chief Engineer, Drainage in presence of the bidders or their authorized representatives, who wish to attend.
 4. The bids received after due date shall not be considered for evaluation.
- Further details are available in the website of www.dowrorissa.gov.in.

(Er. B. Bastia)
Chief Engineer, Drainage,
Cuttack.