

**OFFICE OF THE EXECUTIVE OFFICER  
DIGHA SANKARPUR DEVELOPMENT AUTHORITY**

(A Statutory Authority under Government of West Bengal)

Digha :: Purba Medinipur :: Pin - 721463

Ph.: (03220) 299901, 299902, e-mail : eodsda@gmail.com Web.: www.dsda.org.in

Memo No. : 1561 /DSDA/2021-22

Dated : 02.11.2021

CORRIGENDUM

**EOI NO. : 004/DSDA/ OF 2021 - 2022 dated 07.10.2021**

E.O.I. invited for Preparation of Detailed Project Report (DPR) for Drainage of surface water runoff and afflux sea water management at Digha- Sankarpur and adjoining areas under DSDA

Following Corrigenda are being made for the EOI No-004/DSDA/2021-22 dated-07.10.2021 for the work preparation of detailed project report (DPR) under DSDA for Drainage and storm water runoff at Digha- Sankarpur and adjoining areas

Clause No	As stated in NIT	Should be read as
Name of work	Online E.O.I. invited for Preparation of Detailed Project Report (DPR) for Drainage of surface water runoff and afflux sea water management at Digha-Sankarpur and adjoining areas under DSDA	Online E.O.I. invited for Preparation of Detailed Project Report (DPR) for Drainage of surface water runoff at Digha-Sankarpur and adjoining areas
Clause-4(Time Schedule)	Date & time of Pre-Bid Meeting with the intending bidders in the Office of the EO/DSDA- 25.10.2021 at 3.00 PM	Additional date & time of Pre-Bid Meeting with the intending bidders will be held on virtually on Google meet on 9.11.2021 at 03.00 PM To join the meeting on meet, click this link : <a href="https://meet.google.com/onv-kmei-aog">https://meet.google.com/onv-kmei-aog</a>
Clause-4(Time Schedule)	EOI submission closing date and time(Online)-03.11.2021 up to 12.00 Noon  Date and time of opening Technical Proposal(s) (online)- 08.11.2021 up to 2.00 PM	EOI submission closing date and time(Online)-18.11.2021 up to 12.00 Noon  Date and time of opening Technical Proposal(s) (online)- 22.11.2021 at 02.00 PM

Clause-5(ii).b.(iii)	All proprietors/partners of the Architectural firm should be registered with the Council of Architecture	Omitted
Term of reference(TOR) Sub Head: Area & Population	The town covers an area of ..... sq.km. having ..... mouza. The number of households about ..... numbers with a population of ..... as per census 2011 and ..... number of hotels are there.	The approximate area coverage of Digha- Sankarpur and adjoining areas are 35.42 sq.km. having 42 mouza. The number of households about 6323 (approx) numbers with a population of 34713 (approx) as per census 2011 and 660 (approx) number of hotels are there.
Term of reference(TOR) Sub Head: 2.Objective/Scope of works	Collect and review the data related to the septage disposal system in the existing framework.	New proposal should be submitted after considering the existing frame work.
Clause-5 (ii)	The bidders should have an average Annual Turnover of Rs. 2.00 crore or more during the financial years 2020-21, 2019-20 & 2018-19.	The bidders should have an average Annual Turnover of Rs. 2.00 crore or more during the financial years 2020-21, 2019-20, 2018-19 & 2017-18
Clause 5	Payment Milestone a) After AA & FS on DPR-40% b) After approval of DPR- 30% c) After Draft DPR - 30%	Payment Milestone a) After Completion of Survey work-20% b) After getting technical approval of DPR- 30% c) After AA & FS on DPR - 40% d)After satisfactory completion of the work- 10%

Clause 6	Security Deposit Security deposit to be deducted from the bill(s) of the Consultant may partially be released after six months of approval of all designs and working drawings on discretion of the EIC. However, the full amount will be released after six months of completion of the project		Security Deposit Security deposit to be deducted from the bill(s) as per norms. However, the full amount will be released after six months from the satisfactory completion of the work.	
Clause 15(iii) Points of technical qualification	<b>Component</b>	<b>Max Mark</b>	<b>Component</b>	<b>Max Mark</b>
	Experience in planning and designing urban facilities in India i) Completed one similar nature of DPR of Project Value not less than Rs. 30.00 crore and duly approved/accepted by the Client or ii) Completed two similar nature of DPRs of Project Value not less than Rs. 20.00 crore each and duly approved/accepted by the Client	25	Experience in planning and designing urban facilities in India i) Completed one similar nature of DPR of Project Value not less than Rs. 30.00 crore and duly approved/accepted by the Client or ii) Completed two similar nature of DPRs of Project Value not less than Rs. 20.00 crore each and duly approved/accepted by the Client.  Description of Approach /Methodology for the work	15  10

## 2. GENERAL PRINCIPLE OF DESIGN :

### STEP-1 : Catchment Definition & Discretisation:

Identify the catchment area boundary (watershed) from topographical survey report. Classify probable future development within the catchment in accordance with its effects on hydrology, hydraulics, stormwater quality & quantity as well as flash water of sea at high tide and with smooth & quick drain off from catchment without water logging should be considered. Off-site areas that drain onto the site, not just the site itself, must be included. Identify location of discharge points (outfalls), along with their capacity and downstream constraints. Identify natural drainage paths through the site.

## STEP-2: Flow estimation & Check

Establish a hydrologic model of the catchment, for existing conditions. This requires the use of design rainfall data, and the estimation of hydrologic parameters such as percentage of impervious area or runoff coefficient. Design storm can be estimated from rainfall data records where available as well as the flash water of sea at high tide should be considered on account also.

Up to date IDF(Intensity duration frequency)need to be used to maintain design standard for new system & retrofitting replacement of old urban drainage system.  
IDF Curved should be developed.

## STEP-3: Quantity & Quality Control Strategy:

Please assess the followings if required.

- i) Checking the quality of storm water at the point of outfall.
- ii) Precautionly measured for treatment.( natural /mechanical)
- iii) Operation/ maintenance for the same

## STEP-4:Minor System Initial Assessment

Design begins with system layout - approximately defining the minor and major flow routes, and broad water quality control strategy. System layout includes the selection of an outfall, defining drainage area boundaries, and identifying the locations of trunk and main drains, and water quality control structures. Initial layouts can usually be done from topographic maps.

Existing drainage alignments should normally be set with the proposed drainage system under gravitational flow primarily. If existing major drainageways are to be blocked by land development, alternative drainage capacity must be provided.

## STEP-5:Major System Check

After the initial minor system is developed, the next step is to carry out a check of flows in the major design storm to ensure that they are also within acceptable criteria.

## STEP-6: Preliminary Design

Using the above initial analyses, proceed with preliminary design of the major/minor systems of storm water and flash water from sea at high tide. Consideration should also be given to alternatives, which may result in a more economic design and low maintenance for coastal zone.

## STEP-7: Final designing detailing

The final design should address all other factors, including structural and geotechnical design, land requirements, approvals, construction documents, co-ordination with other aspects of the project including consideration of minimize the disturbance of the existing properties and traffic.

STEP-8: Network Reviews: Network Design for Storm water Quantity should be checked according to provision of code.

  
**Executive Officer**  
**Digha Sankarpur Development Authority**  
**& Spl. Officer, UD.&M.A. Deptt.**