

**HYDERABAD METROPOLITAN WATER SUPPLY & SEWERAGE BOARD**



**EXPRESSION OF INTEREST**

**EOI.No.03/ HMWSSB/CGM (E)/TC/T1/STPs-O&M Dn.XVII/Exp.Int, dt: 08-01-2015.**

**Providing “Consultancy Services for Preparation of Project Report for Providing STPs and other connected works along the Periphery of Himayathsagar and Osmansagar Reservoirs to avoid the Pollution of lake drinking Water under Himayathsagar Section, O&M Division No. XVII of HMWSSB”**

- 1.0 The Osmansagar and Himayathsagar Reservoirs were constructed in the Year 1920 and 1928 respectively and are contributing 40 MGD of Water which is about 12% of Total quantity supplied to the Hyderabad & Secunderabad
- 2.0 It is observed that the domestic sewage /sludge is entering the Osmansagar and Himayathsagar Lakes from the Surrounding Villages of Khanapur, Vattinagulapally, Janwada, Appojiguda, Himayathsagar, Chilkoor Village and Temple, Kotwalguda and Shamshabad ( Phirangi Nala) etc., in the rainy season, while in the dry season, the Sewage percolates into the ground all along the FTL areas. The above Villages have Population ranging from 3000 to 7000 for each Village and the volume of Sewage is about 10 MLD.
- 3.0 The HMWSSB has been requesting repeatedly the Superintending Engineer/Executive Engineer, Panchayat Raj Department and District Panchayat Officer, RangaReddy District and commissioner of Panchayat Raj Department for construction of mini STPs and diversion of the sewage entering into these lakes, as the jurisdiction above FTL area falls outside the HMWSSB limits. Till date there is no response from the above department regarding diversion of sewage from the above villages.
- 4.0 Regarding implementation of G.O.111 a High Level inter departmental committee under the Chairmanship of Principal Secretary MA&UD was constituted for coordinating the issues pertaining to protection of Osmansagar and Himayathsagar lakes involving departments like HMDA, Revenue, Fisherires. APPCB, GHMC, District Collectors and Police. Detailed discussions were held in two meetings held on 28-08-2012 and 28-08-2013. The issues have been identified and the concerned departments have been requested to take necessary action in this regard. The committee advised the HMWSSB to take up ring sewer mains all along the FTL of both reservoirs. In addition to above the NEERI National Environmental Engineering Research Institute also advised to take necessary measures for diverting of sewage entering into lakes.

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- 5.0 In this connection a meeting was held in the chamber of Director (Technical) HMWSSB along with Chief General Manager (E), Transmission Circle, General Manager, O&M Div.No.XVII and concerned officials. In this meeting, it is opined by the higher officials to conduct detail survey all along the FTL locations where the sewage is entering to the lakes.
- 6.0 The higher officials opined to engage a consultancy for preparation of Detailed Project Report for provide STP's and other Connected works along the periphery of Himayathsagar and Osmansagar reservoir to avoid pollution of lakes and necessary precautionary measures.

**Sd/-**  
**CHIEF GENERAL MANAGER (ENGG)**  
**TRANSMISSION CIRCLE**

## SCOPE OF WORK

The scope of the services to be provided under this contract is:

HMWSSB is **Providing “Consultancy Services for Preparation of Project Report for Providing STPs and other connected works along the Periphery of Himayathsagar and Osmansagar Reservoirs to avoid the Pollution of lake water under Himayathsagar Section, O&M Division No. XVII of HMWSSB.** The consultancy should execute conceptual planning and design aspects taking cognizance of the present and future requirements of the said selected areas.

Consultancy service for preparation of detailed project report to avoid the pollution of lake water of Osmansagar and Himayathsagar lakes. The Services includes:

- a) Detailed investigation along the periphery of the Osmansagar & Himayathsagar Reservoirs for identifying the discharge of sewage and Sullage from the habitations along the periphery.
- b) Collection of basic data required from the habitations including population, water supply, generation of sewage& sullage etc.,
- c) Identifying the interceptor points for the diversion of sewage, sullage and identifying the locations of STP’s.
- d) Identifying the land for construction of STPs preferably Government land.
- e) Identifying the source of power supply to the STP and its cost inclusion in the project.
- f) Study of various method of sewage treatment and recommendation for best suited
- g) Method of proper disposal of treated water and sludge .
- h) Estimation of flows and fixing the no of STP’s and capacities as per the topographical conditions.
- i) Topographical survey along the periphery of the reservoirs including STP’s sites as needed to the project.
- j) Preparation of designs for all the components, transmission of sewage, STP’s other collection tanks, etc., complete.
- k) Preparation of designs, drawings for all the STP’s as per the degree of treatment required.
- i) Preparation of BOQ’s and cost estimates for all the components of the project.
- J) Preparation of detailed designs and drawings, etc., for all the components.
- k) Preparation of detailed project report with all relevant information complete.

Three copies of Draft DPR’s with soft copy and three copies of final DPR’s with soft copy etc., complete as directed by the HMWSSB Official

Interested firms/consultants must provide information indicating that they are qualified to perform the Services (brochures, description of similar assignments, experience in similar conditions, availability of appropriate skills among staff, etc.) Along with their financial offer.

Sd/-

**CHIEF GENERAL MANAGER (ENGG)**  
TRANSMISSION CIRCLE

The following documents shall be submitted along with expression of interest.

S.No	Document to be submitted	Mandatory/Optional	Remarks
1	Copy of Registration Certificate		
2.	Fee for an amount of Rs:5000/- payable to HMWSSB, Hyderabad	Mandatory	Non-Refundable
2.	Name & Address of the Firm	Mandatory	
3.	Annual turnover for the last consecutive Ten years (copy of balance sheet) certified by the Chartered accountant shall be enclosed.	Mandatory	
4.	Year of Establishment	Mandatory	
5.	Past experience with clients duly stating the performance	Mandatory	
7.	Company Profile/Complete certificates for past projects.	Mandatory	
8.	Contact person with communication details	Mandatory	
9.	Communications details of existing /past clients as reference to completed works.	Mandatory	
10.	Key Technical staff along with their qualification and performance.	Mandatory	

The last date for submission of Expression of interest along with above documents and also the financial offer is on or before **PM of .01.2015** to the **O/o CGM (E), Transmission Circle, HMWSSB, Khairatabad, Hyderabad**. EOI received after the dead line will not be considered for evaluation. All the applied participants/authorized persons are here by requested to attend this office at **3:00PM** along with ID proofs for knowing the list of participants applied.

#### SCHEDULE OF RATES:

**Period of completion of work is One (1) month i.e. form the date of agreement.**

S.No	Description	Rate quoted in figures	Rate quoted in words
1.	Providing "Consultancy Services for Preparation of Project Report for Providing STPs and other connected works along the Periphery of Himayathsagar and Osmansagar Reservoirs to avoid the Pollution of lake Water under Himayathsagar Section, O&M Division No. XVII of HMWSSB		

- Taxes applicable should be mentioned.

**Sd/-**  
**CHIEF GENERAL MANAGER (ENGG)**  
**TRANSMISSION CIRCLE**

#### Contact Details:

**Name: Er K.N. Sainath,**

**Designation: General Manager (E), O & M Division-XVII**

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