

HYDERABAD METROPOLITAN WATER SUPPLY & SEWERAGE BOARD

O/o CGM(E), STP Circle
HMWSSB, K'bad, Hyd

Invitation for Quotations (for estimation purpose) – Scope of Work

(Notice.No. 04/HMWSSB/CGM(E)/STP Circle/OCEMS-STPs/Quotations/2019-20, dt:19-02-2020)

Name of Work: **Online Continuous Effluent Monitoring System (OCEMS) at 18 Sewage Treatment Plants under HMWSSB including O&M of OCEMS for 5years**

1.0 The work of “Online Continuous Effluent Monitoring System (OCEMS) at 18 Sewage Treatment Plants under HMWSSB including O&M of OCEMS for 5years” involves the following scope and Quotations are invited for DPR purpose.

- i) Supply and erection of Online Continuous Effluent Monitoring System (OCEMS) equipment at 18 STPs as per the site conditions of STPs
- ii) Obtaining the readings for parameters as per CPCB / TSPCB Standards at inlet and outlet of all STPs for pH, BOD, COD, TSS, Fecal Coliform, DO, Electrical Conductivity and posting the readings online in HMWSSB website.
- iii) The reports shall be posted on daily basis.
- iv) Operation & Maintenance of OCEMS for a period of 5 years including warranty.
- v) Any other required information must be provide by the agency.

Payment Schedule: The quotation should comprise of the following two components.

- i) Initial payment towards 50% of supply, fixing and commissioning of OCEMS at each STP wise.
- ii) Operation & Maintenance of OCEMS each STP wise with monthly break up including balance 50% of the above.

2.0 The list of STPs proposed for OCEMS is as below.

S.No	Name of the STP	Capacity (MLD)	Technology
1	Amberpet	339.00	UASB
2	Nagole	172.00	UASB
3	Nallacheruvu	30.00	UASB
4	Attapur 1	51.00	SBR
5	Attapur 2	23.00	SBR
6	Pedda Cheruvu, Nacharam	10.00	Extended Aeration
7	Miralam Tank 1	10.00	Extended Aeration
8	Miralam Tank 2	5.00	Extended Aeration
9	Durgam Cheruvu, SLP	5.00	Extended Aeration

S.No	Name of the STP	Capacity (MLD)	Technology
10	Patel Cheruvu, Nacharam	2.50	Extended Aeration
11	Saroor Nagar	2.50	Extended Aeration
12	Langer House	1.20	Extended Aeration
13	Noor Mohammad Kunta	4.00	Extended Aeration
14	Safilguda, Malkajgiri	0.60	Extended Aeration
15	Khajakunta	12.00	MBBR
16	Khajaguda, Gachibowli	7.00	MBBR
17	Nanakramguda, Gachibowli	4.50	MBBR
18	JVR Park, Nagarjuna Circle	0.50	Extended Aeration
19	Lingam Kunta, BHEL	30.00	MBBR
20	Gopanapally, SLP	4.50	MBBR

- 1.0 The prospective firms intends submit the Sealed Quotations are requested to inspect the STP sites for evaluating the scope of work and accordingly submit their quotations.
- 2.0 The CGM(E), STP Circle / Director (Projects-II), HMWSSB, reserves the right to reject any quotation or all the quotation without assigning any reason there for. Any firm shall have no cause of action or claim against the HMWSSB or its officers, employees, successors or assignee for rejection of his quotation.

Sd/-
Chief General Manager(Engg),
STP Circle, HMWSSB
Hyderabad-500004