



Expression of Interest (EOI) for selection of an agency for the construction and operations of 7.5 MLD Common Effluent Treatment Plant (CETP) at the Gorakhpur Industrial Area for Gorakhpur Industrial Development Authority

Response to queries raised by bidders during pre-proposal meeting held on 15-12-2020

Gorakhpur Industrial Development Authority (GIDA) issued an Expression of Interest (EOI) on 25-11-2020 to invite response from eligible agencies the construction and operations of 7.5 MLD Common Effluent Treatment Plant (CETP) at the Gorakhpur Industrial Area for Gorakhpur Industrial Development Authority. In this regard, queries were received from three (03) agencies over email and thereafter five (05) agencies attended the pre-proposal meeting held at 3:30 pm on 15-12-2020 and raised their queries over the provisions of the EOI.

Clarifications and modifications against the queries raised by agencies is provided in the table below:

#	Query raised	Response
1.	► It is requested to extend the EOI submission date by 2 weeks from 10.12.2020 to 24.12.2020	Modification ► Revised dates for softcopy and hardcopy submission can be read as below: Last date for submission of softcopy: on tenders.gids@gmail.com up to 31.12.2020 by 23:59 hrs. & Last date for submission of hard copy: up to 04.01.2021 by 17:00 hrs.
2.	► Mechanism of CAPEX Cost of this project	Clarification: ► It will depend upon the kind of technology used.
	► Mechanism of OPEX Cost of this project	Clarification: ► It will depend upon the kind of technology used.
3.	► Additional documents that needs to be submitted apart from Form 1.0 to Form 5.0	Clarification: ► Bidder can submit the relevant credentials and completion certificates of similar projects/ Experience Certificates/work orders of ongoing similar work.
4.	► Submission of Technical & Financial Proposal along with EOI (or) a separate RfP that will be floated	Clarification: ► Technical and Financial Proposal needs to be submitted along with the EOI to GIDA
5.	► Inlet & Outlet characteristics of effluent for designing of the system	Clarification ► It is attached as Annexure-1 below
6.	► Soil bearing test results	Clarification ► To be done during execution of the project.
7.	► Capacity of the system 7.5 MLD. We are considering for 15 MLD need to have additional 7.5 MLD plant to be installed separately	Clarification ► GIDA may consider the expansion of additional 7.5 MLD as and when required based on demand from the industries.



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#	Query raised	Response
8.	<ul style="list-style-type: none">▶ Disclose the estimate cost of the project to ensure the capability of the bidder as per EOI, turnover requirement is 100 Crores which is quite a high number. You may please consider 40 Crores kind of turnover.	Modification: No Change
9.	<ul style="list-style-type: none">▶ It is not mentioned in the EOI that how the effluent will reach to CETP. If the network is in scope of contractor, then kindly provide the length and diameter of collection system.	Clarification: Length and diameter of the collection system will depend upon the actual survey work. So the network cost need not be included while submitting the proposal.
10.	<ul style="list-style-type: none">▶ Kindly clarify the mechanism available to ensure the quality & quantity of effluent from each participating factory.	Clarification: <ul style="list-style-type: none">▶ There is no mechanism available, mechanism need to be developed.
11.	<ul style="list-style-type: none">▶ Please clarify the number and type of industries for proposed CETP	Clarification <ul style="list-style-type: none">▶ it is attached as Annexure-2 below
12.	<ul style="list-style-type: none">▶ We understand the Agency is not required to arrange fund through Lender/Financial institutions for the Capex cost Construction of CETP including the Associated Infrastructure. Kindly Clarify	Clarification <ul style="list-style-type: none">▶ GIDA will bear Capex cost for construction of CETP
13.	<ul style="list-style-type: none">▶ We have executed CETP /STP similar projects .We request you to consider escalation for value of the project at the rate 5% year on Year from the date of award /completion as generally allowed in government tenders. Kindly request your acceptance.	Modification: <ul style="list-style-type: none">▶ Escalation will be decided at the time of tender and contract signing.
14.	<ul style="list-style-type: none">▶ We understand that OPEX will be funded by firms and Agency shall be granted all the rights to collect revenue from all the associated customers like industries, factories, clients, etc., which may desire to use the treated wastewater/sludge for multiple different purposes as desired by GIDA . Kindly Clarify.	Clarification <ul style="list-style-type: none">▶ Yes. OPEX will be funded by firms and Agency shall be granted all the rights to collect revenue from all the associated customers like industries, factories, clients, etc, but the final decision will be of GIDA related to the amount charged and the mechanism adopted for charging.



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#	Query raised	Response
15.	<ul style="list-style-type: none">▶ We understand that this Design Build & Operate contract for which Payment for Design and Build will be from The Authority & Payment of O&M will have to be collected from the associated customers. Kindly clarify that the EOI is for not BOOT /PPP Project.	Clarification <ul style="list-style-type: none">▶ Yes, the interested firm will be paid for Design, Build from Authority and O&M will be through customers/ Industries.
16.	<ul style="list-style-type: none">▶ We understand that the document and Presentation including technical solutions shall be submitted during RFP. Since we don't have a minimum requirement input like influent quality /analysis and type of industries served and outlet reuse quality requirement if any.	Clarification <ul style="list-style-type: none">▶ All the requisite data has been attached in Annexure-1 & 2. As discussed in proposal meeting
17.	<ul style="list-style-type: none">▶ Applicant/consortium should be: Engaged at least in one large infrastructure projects of Rs 50 cr., preferably Government projects in last 10 years	Modification <ul style="list-style-type: none">▶ No Change


29/12/2020







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Annexure-1

COMPARATIVE STATEMENT OF INDUSTRIAL EFFLUENT ANALYSIS REPORT
TESTED FROM GEM/JOBAN INSTITUTE OF TECHNOLOGY RESEARCH AND U.P. JAL NIGAM LABORATORY

S.No.	Parameter/Unit	Unit	Sampled at GEM/JOBAN						Sampled at U.P. JAL NIGAM LABORATORY						Maximum value for design mg/L	Maximum value adopted in proposal mg/L	Solid Service Value	Land for Irrigation
			No. of sampling	OK of sampling	% of sampling	OK of sampling	OK of sampling	OK of sampling	No. of sampling	OK of sampling	% of sampling	OK of sampling	OK of sampling					
1	Colour	U.S.B	128.0	RESULT	RESULT	RESULT	RESULT	208.00	312.38	559.0	545	5.32	4.8-7.78	4.8-7.78	5.5-9.0	5.5-9.0		
2	Odour	Small box n/3	-	RESULT	RESULT	RESULT	RESULT	240.00	432.32	565.6	520	500.0	1035.0	1035.0	30	100		
3	pH	-	7.2	RESULT	RESULT	RESULT	RESULT	7.27	6.93	6.81	5.45	5.32	4.8-7.78	4.8-7.78	5.5-9.0	5.5-9.0		
4	Hardness	mg/L	1025.0	RESULT	RESULT	RESULT	RESULT	110.0	140.0	101.0	520	500.0	1035.0	1035.0	30	100		
5	CaCO ₃	mg/L	1193.1	RESULT	RESULT	RESULT	RESULT	240.0	432.32	565.6	948	1158.00	2159.1	2159.1	250	NS		
6	Total Solids	mg/L	2042.0	RESULT	RESULT	RESULT	RESULT	1234.0	1810.0	1005.0	-	-	2042.0	2042.0	NS	NS		
7	Dissolved Solids	mg/L	1752.0	RESULT	RESULT	RESULT	RESULT	964.0	1222.0	860.0	-	-	1762.0	1762.0	NS	NS		
8	Unfiltered Solids	mg/L	290.0	RESULT	RESULT	RESULT	RESULT	270.0	588.0	145.0	112	148	588.0	422.0	150	200		
9	Fined Solids	mg/L	872.0	RESULT	RESULT	RESULT	RESULT	306.0	352.0	66.0	-	-	1716.0	1584.0	NS	NS		
10	Settleable Solids	mg/L	1120.0	RESULT	RESULT	RESULT	RESULT	212.0	598.0	140.0	-	-	1120.0	1120.0	NS	NS		
11	Chloride	mg/L	106.0	RESULT	RESULT	RESULT	RESULT	238.1	270.0	260.0	-	-	338.9	339.9	NS	NS		
12	Phosphate as P	mg/L	0.85	RESULT	RESULT	RESULT	RESULT	1.36	1.655	8.15	-	-	9.350	0.85	5	NS		
13	Sulphate as SO ₄ ⁻²	mg/L	462.0	RESULT	RESULT	RESULT	RESULT	156.7	184.11	38.1	-	-	462.0	462.0	NS	NS		
14	Residue	mg/L	0.74	RESULT	RESULT	RESULT	RESULT	-	-	-	<0.002	-	0.74	0.74	4	NS		
15	Oil & Grease	mg/L	2177.5	RESULT	RESULT	RESULT	RESULT	22.5	-	-	-	-	2177.5	2177.5	10	10		
16	Total Alkalinity	mg/L	27.4	RESULT	RESULT	RESULT	RESULT	3.39	2.8	5.36	-	-	27.4	27.4	NS	NS		
17	Acidity as HCl	mg/L	41.0	RESULT	RESULT	RESULT	RESULT	92.2	20.7	18.2	-	-	41.0	41.0	NS	NS		
18	Oxidizability	mg/L	<0.01	RESULT	RESULT	RESULT	RESULT	-	-	-	-	-	<0.01	<0.01	0.2	0.2		
19	Ammoniacal Nitrogen	mg/L	-	RESULT	RESULT	RESULT	RESULT	0.56	0.42	0.56	-	-	0.56	0.56	3	NS		

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COMPARATIVE STATEMENT OF INDUSTRIAL EFFLUENT ANALYSIS REPORT TESTED FROM GEORGIAN INSTITUTE OF TECHNOLOGY RESEARCH LABORATORY

S.No.	Name of Pollutant	Date of Sampling-		Date of Issue of Report-08.02.2019	Unit of Pollutant	Date of Sampling	Unit of Pollutant	Date of Sampling	Unit of Pollutant	Maximum value to be adopted for CETP design	Maximum value assigned in previous design	Discharge Limit	
		08.02.2019	17.11.2018									08.02.2019	17.11.2018
1	Acetone	11.000	19.692	25.50	mg/l	18.013	mg/l	4.8004	mg/l	58.113	25.56	NS	NS
2	Hexane	0.0132	<2.000	<2.00	mg/l	<2.000	mg/l	<2.0000	mg/l	<2.0000	<2.0000	NS	NS
3	Cyclohexane	0.0010	<0.300	<0.30	mg/l	<0.300	mg/l	<0.3000	mg/l	<0.3000	<0.3000	NS	NS
4	Lead	0.0100	<5.000	<5.00	mg/l	<5.000	mg/l	<5.0000	mg/l	<5.0000	<5.0000	0.1	NS
5	Chloroform	0.0815	1.442	<1.00	mg/l	<1.000	mg/l	<1.0000	mg/l	1.442	1.442	2	NS
6	Copper	0.0210	<1.000	<1.00	mg/l	<1.000	mg/l	<1.0000	mg/l	<1.0000	<1.0000	3	NS
7	Zinc	<1.000	<1.000	<1.00	mg/l	<1.000	mg/l	<1.0000	mg/l	<5.000	<5.000	5	NS
8	Cadmium	0.0113	<1.000	0.02	mg/l	<1.200	mg/l	<1.2000	mg/l	<1.2000	<1.000	NS	NS
9	Iron	1.0348	9.827	2.05	mg/l	2.453	mg/l	4.701	mg/l	9.827	9.827	3	3
10	Carbon	85.8550	304.000	176.00	mg/l	177.240	mg/l	346.767	mg/l	346.767	346.000	NS	NS
11	Magnesium	-	<0.110	<2.00	mg/l	<1.000	mg/l	<1.0000	mg/l	<2.00	<2.00	NS	NS
12	Sodium	-	17.0000	-	mg/l	178.850	mg/l	108.35	mg/l	198.350	17.0000	NS	NS
13	Mercury	<0.0002	0.0014	<0.0002	mg/l	0.003	mg/l	0.0010	mg/l	0.0014	0.0014	0.01	NS
14	Arsenic	0.0057	0.0048	0.0025	mg/l	<0.002	mg/l	0.0015	mg/l	0.0048	0.0048	0.2	0.2
15	Strontium	-	<0.0002	<0.0002	mg/l	<0.0002	mg/l	<0.0002	mg/l	<0.0002	<0.0002	0.05	NS

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Annexure-2

List of Water Polluting Industries Situated in GIDA

S.N.	Name of Industries	Product	Approximate Domestic/Industrial Discharge		Remark
			Domestic	Industrial	
1	Royal Savera Food Pvt Ltd, FL-1 Sector- 13 GIDA, Gorakhpur	Sauce	5.0 KLD	15.0 KLD	-
2	M/s Barmwal Uttyog Pvt Ltd, FL-3, Sector- 13, GIDA, Gorakhpur	Dyeing and Processing of Grey Cloth	10.0 KLD	500 KLD	-
3	M/s Ambej Processer, FL-2, Sector- 13, GIDA, Gorakhpur	Dyeing and Processing of Grey Cloth	10.0 KLD	500 KLD	-
4	M/s India Cyclois Limited, E-1, Sector- 15 Gida Gorakhpur	Alcohol	25.0 KLD	2500 KLD	-
5	M/s Gallant Ispat Ltd, GIDA, Gorakhpur	Spang Iron Plant, Induction Furnace, Re-rolling mill	30.0 KLD	2000 KLD	-
6	M/s Tripurari Lubricants Pvt Ltd, A-222, Sector - 15 Gida Gorakhpur	Refined Lubricating Oil	1.0 KLD	5.0 KLD	-
7	M/s Tamray Enterprises, A-48, Sector- 13, GIDA, Gorakhpur	Utensil Stand	1.0 KLD	1.5 KLD	-
8	M/s Gallant Ispat Ltd, GIDA, Gorakhpur	Steel Plant/Rolling Mill	6.0 KLD	17.0 KLD	-
9	M/s Wood Fabs, BL-1, Sector-13, GIDA, Gorakhpur	Plywood	1.0 KLD	2.0 KLD	-
10	M/s Radna Industries, D-6, Sector- 13, GIDA, Gorakhpur	Rice Mill	1.0 KLD	2.0 KLD	-
11	M/s S.P. Chemical Works, D-1/14, Sector-13, GIDA, Gorakhpur	Refined Lubricating Oil	1.0 KLD	5.0 KLD	-

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12	M/s Samant Agro Wood Product, BL-4, Sector-13, GIDA, Gorakhpur	Plywood	1.0 KLD	2.0 KLD	-
13	M/s Eastern Doors, A-13, Sector-13, GIDA, Gorakhpur	Plywood	1.0 KLD	2.0 KLD	-
14	M/s Aash Racer Products Pvt. Ltd. AL-2, Sector-13, GIDA, Gorakhpur	Hawai Chappal, Shoes & Slippers	10.0 KLD	15.0 KLD	-
15	M/s Vision Parental Pvt. Ltd. A-2/44, Sector-15, GIDA, Gorakhpur	Pharmaceuticals Plastic Bottles	4.0 KLD	5.0 KLD	-
16	M/s Trident Steel AL-5, Sector-13, GIDA, Gorakhpur	M.S. Bar	1.0 KLD	1.5 KLD	-
17	M/s Nandan Plywood Pvt. Ltd. AL-10, Sector-13, GIDA, Gorakhpur	Plywood	1.0 KLD	2.0 KLD	-
18	M/s Anjan Agro Wood Pvt. Ltd. B-1/1, BL-15, Sector-13, GIDA, Gorakhpur	Plywood	1.0 KLD	2.0 KLD	-
19	M/s Motors and General Sales Pvt. Ltd. AL-7, Sector-13, GIDA, Gorakhpur	Washing and Service Centre	5.0 KLD	20.0 KLD	-
20	M/s Avon Card Board, B-2/19, Sector-13, GIDA, Gorakhpur	Card Board	1.0 KLD	10.0 KLD	-
21	M/s Farful Commercial Ltd. FL-4, Sector-13, GIDA, Gorakhpur	Solvent Extracted Oil	2.0 KLD	25.0 KLD	-
22	M/s Pungia Industries Pvt. Ltd. BL-1, Sector-15, GIDA, Gorakhpur	Solvent Extracted Oil	5.0 KLD	25.0 KLD	-
23	M/s Masa Vridhvasni Industries, D-1/3, Sector-13, GIDA, Gorakhpur	Milk Product	5.0 KLD	10.0 KLD	-
24	M/s G.K. Foods Beverages, A-1/21, Sector-15, GIDA, Gorakhpur	Fruit Juice	1.0 KLD	5.0 KLD	-
25	M/s ABR Petro Products Pvt. Ltd. AL-1, Sector-15, GIDA, Gorakhpur	Woven Sacs	2.0 KLD	2.5 KLD	-
26	M/s Hs-Tech Hospital and Health Care Cor. Ltd. AL-4, Sector-13, GIDA, Gorakhpur	Disposable Syringe	2.0 KLD	5.0 KLD	-

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27	M/s Arun Ujala Publication Ltd AL-21, Sector-13, GIDA, Gorakhpur	Printing New Paper	1.5 KLD	1.0 KLD	-
28	M/s Crazy Fun Foods Pvt. Ltd. FE-13, Sector-13, GIDA, Gorakhpur	Chips/ Kurkrey	1.0 KLD	1.0 KLD	-
29	M/s Tula Surgical Devices Pvt. Ltd., FL-6B, Sector-13, GIDA, Gorakhpur	Disposable Syringe	2.0 KLD	1.5 KLD	-
30	M/s Spark Battery Industries, A-8/4, Sector-13, GIDA, Gorakhpur	Battery Assembling	1.0 KLD	1.5 KLD	-
31	M/s Rani Sati Enterprises, A-37, 38, Sector-13, GIDA, Gorakhpur	Plastic Product	1.0 KLD	5.0 KLD	-
32	M/s Nangalya Food Industries Pvt Ltd., ME-12, Sector-13, GIDA, Gorakhpur	Sugar Candy	3.0 KLD	10.0 KLD	-
33	M/s Gorakmath Agro Industries Pvt Ltd., FL-26, 27, Sector-13 GIDA, Gorakhpur	Namkeen	6.0 KLD	10.0 KLD	-
34	M/s Crazy Snaks Pvt Ltd., Sector-13, GIDA, Gorakhpur	Bread, Bund, Rusk	3.5 KLD	5.0 KLD	-
35	M/s Crazy Bakers Udyog, G-3A, Sector-15, GIDA, Gorakhpur	Rusk, Namkeen, Chips	4.0 KLD	7.0 KLD	-
36	M/s Arhant Wheels & Cycle Pvt. Ltd. AL-20, Sector-13, GIDA, Gorakhpur	Ricksha Ream	3.2 KLD	4.3 KLD	Unit Closed
37	M/s Burnet Pharmaceutical Pvt. Ltd., AL-1, Sector-13, GIDA, Gorakhpur	Syrup	2.0 KLD	5.0 KLD	-
38	M/s Abhiraj Fibers Pvt. Ltd. BL-10A, Sector-13, GIDA, Gorakhpur	Cutting and Washing of Waste Plastic	1.0 KLD	1.5 KLD	Unit Closed
39	M/s S & J Beverages FL-5/C, Sector-13, GIDA, Gorakhpur	Plastic Granuals	1.6 KLD	20.0 KLD	-
40	M/s Care Medical Device, Plot no.- D-1/3, Sector-13, GIDA, Gorakhpur	Disposable Syring	1.0 KLD	1.0 KLD	-



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41	M/s. Bhat's Research & Breeding Farms, FL-27, Sector-13, GIDA, Gorakhpur	Hatchery	1.0 KLD	10.0 KLD	-
42	M/s. Nityananda Hatchery, C-5, C-6 Sector-15, GIDA, Gorakhpur	Hatchery	1.0 KLD	10.0 KLD	-
43	M/s. Anar Hatchery, E-11, Sector-15, GIDA, Gorakhpur	Hatchery	1.0 KLD	10.0 KLD	-
44	M/s. Manojrat Hatchery, FL-8, Sector-11, GIDA, Gorakhpur	Hatchery	1.0 KLD	10.0 KLD	-
45	M/s. Mal Breeding Farms, FL-11, Sector-13, GIDA, Gorakhpur	Hatchery	1.0 KLD	10.0 KLD	-
46	M/s. Kisan Breeding Farms, FL-5, Sector-11, GIDA, Gorakhpur	Hatchery	1.0 KLD	10.0 KLD	-
47	M/s. Rishi Hatchery Pvt. Ltd. A-9, Sector-15, GIDA, Gorakhpur	Hatchery	1.0 KLD	10.0 KLD	-
48	M/s. Laxmi Breeding Farms, E-9, Sector-15, GIDA, Gorakhpur	Hatchery	1.0 KLD	10.0 KLD	-
49	M/s. Dr. Sandhu Poultry Farms, FL-28, Sector-13, GIDA, Gorakhpur	Hatchery	1.0 KLD	10.0 KLD	-
50	M/s. Super Helena Hatchery, D-1/5, Sector-13, GIDA, Gorakhpur	Hatchery	1.0 KLD	10.0 KLD	-
51	M/s. Shiv Poultry Farms, G-13, Sector-13, GIDA, Gorakhpur	Hatchery	1.0 KLD	10.0 KLD	-
52	M/s. Devendra Feeds Pvt. Ltd., GIDA, Gorakhpur	Hatchery	1.0 KLD	10.0 KLD	-
53	M/s. Indian Oil Corporation Ltd., GIDA, Gorakhpur	LPG Cylinder Filling	5.0 KLD	2.0 KLD	-
54	M/s. Indian Travers, Plot No. - 1/3, Sector-15, GIDA, Gorakhpur	Surviving of Commercial Vehicles	2.0 KLD	10.0 KLD	-
55	M/s. Bala J. Bakers Pvt. Ltd., Sector-13, GIDA, Gorakhpur	Biscuits	1.0 KLD	2.0 KLD	-

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