

No 14/11/2016-OIDB

Dated: 16.06.2017

Operation and Comprehensive Annual Maintenance Contract (CAMC) for the 50MTPD Sewage Treatment Plant at OIDB Bhawan, Sector-73, Noida

1 OIDB intend to invite bids for the Operation and Comprehensive Annual Maintenance Contract (CAMC) of 50 KLPD Sewage Treatment Plant (STP) and its facilities at Sector-73, Noida.

a) Period of issue of tender document	:	19.06.2017 to 11.07.2017
b) Last date and time of submission of bid	:	12.07.2017, 02.00PM
c) Date and time of opening of bid	:	12.07.2017, 03.00PM
d) Earnest Money Deposit (EMD)	:	Rs. 20,000/-
e) Place of submission & opening of bid	:	OIDB, 3 rd floor, C-Wing, Sector-73, Noida (U.P.)
f) Pre-bid meeting period	:	28.06.2017
g) Contact person	:	Ganesh C Doval, DCF&AO

2 **Bid Qualification Criteria (BQC)/Eligibility Conditions**

- The bidder should have an experience of at least 2 years or more in the field of O&M of STP. The bidder should submit work orders/performance certificate, from any Govt. Departments, PSUs or reputed Ltd./Pvt. Ltd. companies to this effect.
- Bidder should have VAT/PF/ESI/Service Tax Registration Certificates/PAN no.
- Bidder should have completed one O&M contract of STP of value greater than Rs. 15 lakh per annum in last three years.
- Annexure-1; to be filled up by the bidder for providing the desired information.
The bids received without above information and requisite documents shall be considered non-responsive.

3 **Offers will be submitted in two parts**

Part-1 Techno-commercial

प्रधान कार्यालय :-

ओ.आई.डी.बी. भवन, 'सी' ब्लॉक, तीसरी मंजिल,
प्लॉट नं. 2, सेक्टर - 73, नोएडा-201301, उ.प्र.
फोन : 91-120-2594602, 603, 604 फैक्स : 91-120-2594630
वेबसाइट : www.oildb.gov.in

पंजीकृत कार्यालय :-

301, वर्ल्ड ट्रेड सेंटर, तीसरी मंजिल, बाबर रोड, नई दिल्ली-110 001
फोन : 91-11-23413540

Main Office :-

OIDB Bhawan, 'C' Block, 3rd Floor
Plot No. 2, Sector-73, Noida-201301, Uttar Pradesh
Phone : 91-120-2594602, 603, 604 Fax : 91-120-2594630
Website : www.oildb.gov.in

Registered Office:-

301, World Trade Centre, 3rd Floor, Babar Road, New Delhi-110 001
Phone : 91-11-23413540

कृपया हिन्दी में पत्राचार करें।

Envelope -1 (to be super-scribed as EMD)

- It will contain EMD

Envelope-2 (to be super-scribed on the face as Techno-commercial part-1)

- It will contain the BQC and the techno –commercial part

Part-2 Commercial/price part

Envelope-3 (to be super-scribed as commercial/price part) Part-2

- It Will contain quoted price

All the envelopes (03) must be properly sealed and put in a separate envelope (which too shall be sealed) so that complete bid is submitted in one envelope.

4 Notes

- On having found all the requirements stated as above in order (envelope-1 and 2), bidders will be informed about their having qualified technically. Date for price part Envelope -3 (Part-2 Commercial) opening will be intimated accordingly.
- OIDB reserves the right to annul the process of tendering without assigning any reason and at any time of the process. OIDB will be under no obligation for any compensation on this account.
- Tender document can be downloaded from the website www.oidb.gov.in or Govt of India e-procurement portal.
- Bidder must acquaint himself/herself of the site and the conditions prevalent and the system of sewage treatment plant. No claim or complaint will be entertained on this account later to the submission and acceptance of bids.
- Bid shall remain valid for 90 days from the date of opening of bids.
- EMD should be in the shape of DD/Pay order, in favour of 'Oil Industry Development Board', payable at New Delhi **except for those who are registered with Central Purchase Organisation, National Small Industry Corporation (NSIC) or the concerned ministry or department or MSME and submit the necessary document, duly notarised, toward the same.**
- Those bidder(s) whose services have been terminated earlier by OIDB will not be eligible to participate in this tender.


(GC Doval)

Dy. Chief Finance & Accounts Officer
Phone No. 0120-2594607

Enclosures:

- | | | |
|---|------------|--------------------------|
| 1 | Annexure-1 | : Check format |
| 2 | Annexure-2 | : Conditions of Contract |
| 3 | Annexure-3 | : Scope of work |
| 4 | Annexure-4 | : Schedule of Rates |
| 5 | | : Plant P & I Drawing |

OIL INDUSTRY DEVELOPMENT BOARD
SECTOR 73, NOIDA

CHECK FORMAT FOR BIDDING

Sr	Description/ Details	Data/details			
1	Name of work	O&M of STP at OIIB Bhawan, Sector-73, Noida			
2	Bid no.	14/11/2016-OIIB			
3	Name of bidder				
4	Bidder's Office address				
5	Telephone no	Land Line no			
		Cell no			
6	EPF Registration no				
7	ESIC registration no				
8	PAN no				
9	Service tax registration no				
10	GST registration no				
11	VAT registration no				
12	Experience				
	Year	Name of organisation	Contract cost	Capacity of plant	Period(from-to)
	2016-17				
	2015-16				
	2014-15				
13	Present assignment				
	(i)				
	(ii)				
	(iii)				
14	Expert /skilled Manpower details				
15	EMD (earnest Money Deposit) details				
16	Confirm you are not on negative list of OIIB/GoI/ PSUs	Yes / No			
17	Confirm that you agree to terms & condition of NIT	Yes / No			
18	Confirm you have signed & stamped NIT for its return to OIIB				
19	Confirm that you have visited the plant and have seen the condition of plant.				
20	You will comply with the pre-operation repair, maintenance as spelt out at para of scope of work including rectification of any other defect noticed in your visit to plant.				

NOTE : Supporting documents/certificates will be enclosed

Signature of Bidder
Address/Tel no/Date/Seal

CONDITIONS OF THE CONTRACT

1 BID QUALIFICATION CRITERIA (BQC)/ ELIGIBILITY CONDCTIONS

- i. The bidder should have an experience of at least 2 years or more in the field of O&M of STP. The bidder should submit work orders/performance certificate, from any Govt. Departments, PSUs or reputed Ltd. /Pvt. Ltd companies to this effect.
- ii. Bidder should have VAT /PF/ESI/Service Tax Registration Certificates/PAN no.
- iii. Bidder should have completed one O&M contract of STP of value greater than Rs. 15 lakh per annum in last three years.
- iv. **Annexure -1; to be filled up by the bidder for providing the desired information.**

The bids received without above information and requisite documents shall be considered non-responsive.

2 Period of the contract:

The period of contract shall be **two years** from the date of start of contract. However, the contract may be extended for a further period of one year with the party's mutual consent.

OIDB reserves the right to terminate the contract by giving 2 weeks notice and without assigning any reason thereof.

3 Submission of Tenders:

Late/delayed submission of tenders due to any reason, whatsoever, will not be accepted/ considered, at all, under any circumstances.

4 Rate quoted by bidder:

- a) The quoted rates should be inclusive of all taxes and duties including the cost of all the chemicals consumables, spare parts etc and related labour and transportation charges.
- b) The rates should be mentioned in figures as well as in words
- c) Quoted rates will be firm and fixed.
- d) Bidder will take into account impact of any new tax or replacement of any tax with imposition of GST etc. as the rate quoted have to be inclusive of all taxes and duties.

5 Payment terms:

- Payment for the operation & CAMC will be released on monthly basis on submission of bills for the services rendered in the particular month. TDS and any other Government levies applicable shall be deducted on bill amount as per Government of India rules issued from time to time.
- All payment will be released electronically either through ECS or RTGS. Bidder may furnish bank details in this respect

6 Security cum Performance guarantee:

- The successful bidder shall be required to deposit an amount equal to 5% of the contract value within 15 days of issue of letter of intent, as security cum performance guarantee. EMD submitted along-with tender can be adjusted for this purpose to the extent of its value. Security cum performance guarantee will not earn interest to the bidder.
- Security cum Performance guarantee shall be submitted in the form of Demand draft/pay order in favour of "Oil Industry Development Board" payable at New Delhi.
- Security cum Performance guarantee will be refunded after completion of performance/warranty obligations under the contract.
- If the bidder fails in or neglects any of his obligations under the contract, OIBB reserve the right to forfeit either whole or any part of Security cum Performance guarantee furnished by the bidder as penalty for such failure.

7 Sub-letting and split of work

- Subletting of contract is not allowed.
- Splitting of work is not envisaged.

8 Site Visit

Bidder must acquaint himself/herself of the site and the conditions prevalent and the system of sewage treatment plant. No complaint or claim will be entertained on this account later to the submission and acceptance of bids.

9 Validity of bid

- Bid shall remain valid for 90 days from the date of opening of bids.
- Bids received after the due date and time will not be considered. Unopened bid will be returned to the bidders.

10 Prices will be quoted in figures and words. If there is variation between the words and figures in the price bid the quoted rate in words will be considered.

11 Safety of persons

Bidder shall ensure the safety of the persons deployed by them and bidder himself will be responsible for the same. Bidder will indemnify OADB for any mishap injury, accident to the persons deployed by the bidder for the job at OADB, STP.

12 Termination/Cancellation of contract

In the event of non-performance by the bidder OADB reserves the right to cancel the contract at any point of time and engage the services of any other agency for the job at the risk and cost of the bidder.

OADB, in addition to other right, can terminate the contract at its sole and absolute discretion at any time by giving a notice of 2 weeks to the bidder. This will be without prejudice to the rights of the parties that have accrued on or before the date of termination of contract.

13 Penalty

Penalty @ 5% of the monthly contract value shall be levied for not operating and maintaining the plant in accordance with the scope defined elsewhere for the particular month. For repeated default contract shall be liable to be terminated.

14 Force Majeure

Neither party will be responsible for any failure to perform its obligation under the contract, if it is prevented or delayed in performing those obligations by an event of force majeure due to war, flood, strike, riots or natural calamity.

15 Dispute resolution/arbitration

All disputes shall be resolved by both the parties among themselves within 2 weeks of serving of notice by either party. In case of no resolution case will be referred to the arbitrator. The arbitration will be conducted as per the arbitration act. The arbitral tribunal shall comprise of a sole arbitrator to be appointed with the mutual consent of parties.

16 Jurisdiction of court

Contract shall be governed by the law of the country and court of Delhi shall have the jurisdiction over all disputes arising under this contract.

17 Compliance to PF/ESI Rules

- * This will be the responsibility of the bidder to comply with the statutory requirements related with the contract including the Employees Provident Fund (PF) and Employee State Insurance (ESI) for the persons engaged by the contractor for the job. Bidder shall adhere to all laws, rules and regulations that may be in force from time to time concerning the employment or service conditions of its employees.

- * Bidders will adhere to the Central Sphere Minimum Wages or higher, as applicable to central govt deptt. /PSUs etc. 'Industrial Worker'. Bidder shall pay its employee as per the revisions announced in wages from time to time without any cost to OADB.
 - Persons deployed for regular operation of plant will have sufficient experience (greater than 3 years) to run sewage treatment plant.
 - Skilled persons/operator will be paid wages as per the prevalent law in respect of Minimum Wages applicable to Central Sphere 'Industrial Workers'.
- 18 Bidder should not be holiday listed/black listed by OADB or any of Govt, of India deptt. /PSU.
- Bidder whose bid has been terminated due to unsatisfactory performance will not be considered
- 19 Successful bidder will enter into an agreement for the performance of contract as per the format enclosed with NIT
- 20 All the pages of tender document will be signed & stamped and returned as having accepted the provisions, conditions, scope of work etc.
- 21 Pre-bidding meeting has been assigned a time period for seeking any clarification, deviation, anomaly, contradiction to the NIT.
- 22 Officer-in-charge: Mr Ganesh C Doval , DCF & AO or his nominee will be the officer-in-charge for the job. All correspondence in regards to contract will be addressed to him.
- 23 Income tax
- OADB shall be entitled to deduct Income Tax and surcharge thereon at source at the rates prevailing from all due payments. In addition to the above OADB shall be entitled to deduct all statutory tax and duties as applicable.

SCOPE OF WORK

1 Plant location

Sewage Treatment plant (STP) installed at OIDB Bhawan, Sector-73, Noida (UP).

2 Desired Specification of Treated water

You will maintain the treated sewage water to the following parameters.

	Sewage inlet	Treated sewage outlet
a. Capacity(KLPD)	50 KLPD	50KLPD
b. BOD (mg/l)	450	less than 30
c. COD (mg/l)	800	less than 60
d. TSS (mg/l)	450	less than 10
e. O&G (mg/l)	50	less than 5

- Quarterly sample testing for the above shall be carried out.
- Inlet (sewage) and Outlet (treated water) water sample test shall be carried out on daily basis for pH and colour.
- In case of abnormal deviation noticed in pH values, the above said parameters will be tested even before a quarter.

3 CIVIL units installed

- Bar screen pit
- Oil and grease trap
- Equalisation tank
- Filter feed tank
- Treated water tank
- Sludge holding tank
- Drain sump

4 Mechanical, Electrical and Instrument details

Please refer drawing enclosed.

5 OPERATION AND MAINTENANCEA General requirement of plant operation

- a) Sewage Treatment Plant (STP) is to be operated on round the clock basis , 24 hrsx365 days.
- b) Plant will be operated in 3 shift, each of 8 hrs. In each shift one operator will be deployed.

- c) Helper will be provided in day shift only from Monday to Saturday (six days a week).
- d) Plant will be supported by one engineer, as a part time, for technical requirement, support, adjustment of parameter or other related activities, as per the requirement.
- e) Engineer and operators shall be suitably qualified and well versed and trained with the requirement and should carry full competence in the area of operation. They should carry minimum 3 years of experience in the domain.
- f) Operator shall be provided with an approved log book and the same shall be filled on regular basis by the shift operator
- g) Engineer will check the parameters and the operators log book for any deviations and will take remedial measures so as to maintain the desired parameters and quality of discharged water.

Other operational requirement for the plant

1. Regular Floor cleaning will be done
2. Bio culture shall be developed as necessary
3. Re-Circulation of sludge may be carried out in case of low availability of sewage water
4. Continuous Blower operation for aeration
5. At no point of time bypassing of sewage water will be done
6. Plant operator will ensure no scarcity of food for bio culture
7. Sludge so generated will be disposed off suitably, beyond OIBD premises.
8. Log sheets will be filled regularly, as per the format to be devised
9. Plant quality report will be generated, as per the format to be devised.
10. Routine inspection of plant will be carried out, as defined.
11. Emergency inspection will be carried out, as defined.
12. Plant shut down procedures will be followed, as defined.
13. Daily sampling and analysis will be carried out, as per the format.
14. Sampling of inlet and outlet water quality and generation of report on daily basis.
15. PE and PAC dosing system will be operated on regular basis and necessary dosing will be carried out. The required chemicals will be in the scope of bidder for initial and regular operation of plant.
16. Biological stabilisation of plant using bio-culture.
17. Disposal of waste generated in the plant.

B Comprehensive Maintenance

The plant will be maintained in perfect condition and all labour, services, spares, consumables required will be part of the scope. Some of the activities of maintenance are elaborated as below. Nothing additional will be payable for these Consumables, Spares, Repairs and Services except for the price quoted for O & M...

Jobs associated with comprehensive maintenance

- i. Maintain Sludge water pump
- ii. Flushing water transfer pump
- iii. Irrigation water transfer pump

- iv. UV system in order
- v. All level switches
- vi. Multiport valve
- vii. Sewage transfer pump
- viii. Ventilation fans in the room
- ix. Submersible pumps
- x. Keep all equipment in working order
- xi. Keep all measuring and safety meters and switches in working order
- xii. Display the important parameters at conspicuous place
- xiii. Filter press should be in working order
- xiv. Filters media if required will be replaced
- xv. Design parameter display at conspicuous place
- xvi. Painting of steel structure and a piping be carried out once in a year or if necessary earlier than a year
- xvii. Minor civil repair works required for plant shall be carried out
- xviii. Safety barricades will be erected wherever required
- xix. Manholes shall be kept covered all the time
- xx. Replacement of corroded structure and piping tanks shall be done as required
- xxi. Maintenance of electrical switchgear, electrical panels, starters of motors, pumps, blowers, fan etc. shall be carried out.
- xxii. Greasing of pumps and motors, gland packing, O-rings, gaskets, bellows, v belts attending to leakages, replacement of bearings, as required, will be carried out
- xxiii. Welding ,cutting wherever and whenever required
- xxiv. Filters ,mechanics, electrician shall be engaged as per requirement
- xxv. Bar screens as per requirement
- xxvi. Activated carbon filter as per requirement
- xxvii. Set of Filter cloth for filter press as per requirement
- xxviii. Arrangement for temporary storage of sludge will be made
- xxix. Lubrication schedule for all equipment shall be maintained and necessary lubricant shall be maintained in the stock
- xxx. Annual cleaning of tanks and vessels Initial cleaning of vessel ,tanks, media, replacement of media (as the case may be) shall be part of scope
- xxxi. The chemicals used by the bidder must be purchased from reputed source and should be got approved from the owner before using them.

6 Bidder will check the plant for maintenance in routine. Mandatory monthly plant visit by your engineer and staff. There will be no limit to the no. of visits by your maintenance team in the event of any problem in the plant.

7 In addition to the above servicing, upkeep of 10 nos. of submersible pump will also be included in the CAMC.

8 It is envisaged that contractor will carry out the jobs as per the following, on take-over of plant

Initial Operation of Plant:

- a. All the equipment/machinery which is not in order due to any reason will be brought into service after its repair and maintenance.

- b. All corroded pipelines ranging between 25NB -200NB, manhole covers ,railing etc. which requires repair/replacement will be taken up for its repair/replacement.
 - c. Media for ACF and MGF will be replaced before start of the plant.
 - d. Tanks, vessels, equipment/ machinery will be taken up for cleaning/greasing/oiling etc. before initial start of the plant. Wherever repair, replacement any part is required the same will be taken up accordingly.
 - e. All the equipment/machinery/part/instruments/ electrical system /dosing pumps/ rotary machines/belts shall be made functional as per the P&I diagram. Wherever repair, replacement of parts is required the same will be taken up accordingly.
 - f. Multiport valves shall be replaced.
 - g. Repair/servicing of electrical panel for starters, distribution, control shall be taken up for servicing.
 - h. Disposal of waste generated.
 - i. All equipment/rotary machines even though in working order will be taken up for servicing.
 - j. All equipment/machinery etc. will be taken up for epoxy painting.
- o Any part of the plant not specifically mentioned above but requiring service, repair, and replacement shall be carried out by the bidder.
 - o No additional charges shall be payable for making plant/equipment/ machinery/instrument/ electrical operational as per the SOP for services, repair and spares etc. except for the lump sum price to be quoted against column 2 of Schedule of Rates.
 - o Bidder for this purpose will survey the plant before bidding.
 - o Payment for restoration of plant equipment as stated above will be made after completion of above stated jobs to the satisfaction of Officer-in-charge.

9 **Handover and Takeover**

Plant will be handed over to the successful bidder on **as is where basis is**. All the deficiencies existing at the time of bidding will be attended by the bidder for the price quoted in the price bid (SOR) and thereafter the same shall be maintained by the bidder during the period of contract. On completion/termination of the contract plant will be taken over by OI/DB/incoming contractor in good condition and all the equipment in working order. Cost for any deficiencies will be booked to the bidder.

XX

SCHEDULE OF RATES (SOR)**FORMAT -SOR****PRICE PART**

Sr	Item	Unit	Qty	Rate/Month	Amount/Annum
1	Operation and Comprehensive Annual Maintenance (CAMC) of Sewage Treatment Plant including supply of chemicals as per the scope defined in Annexure -3	Per month	12		
				Rate	Amount
2	Repair, replacement, servicing of plant for initial start of plant as per scope defined at Para-8 of Scope of Work (Annexure-3)	lump sum	1		
	Total				

Notes

1. Quoted rate shall be inclusive of all taxes and duties for the Operation and Comprehensive Annual Maintenance Contract (CAMC) (Item-1). The amount shall be payable as monthly running account.
2. Rates for item 2 will be inclusive of all applicable taxes and duties (VAT/ Service tax/GST etc.)
3. Quoted price shall be without any conditions. Any offer with conditions shall be liable to be rejected.
4. Rates and amount shall be quoted in figures and words.
5. Bids shall be evaluated on the total price.
6. Item no 2 is a onetime arrangement for initial supply and repair work. This will not be applicable in the subsequent year(s) of operation of contract including the extended period, if any.
7. No column of SOR should be left blank. In the event of any column left blank it will be presumed that supply and services will be provided at Zero cost by the bidder.

Signature and stamp of bidder

