**BOQ FOR OVERHAULING AND REPAIR OF THE SEWAGE TREATMENT PLANT (STP)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No.** | **Description of Item** | **Qty** | **Qty** | **Unit Cost** | **Total Amount** |
| **1** | Cleaning of various tanks of sewage treatment plant and removal of sludge complete as required. | Job | 1 |  |  |
| 2 | Providing and fixing following items for STP as required: |   |   |  |  |
| (i) | Bar screen of size 3' x 3' each, duly fabricated in stainless steel. | Nos. | 3 |  |  |
| (ii) | Screening chamber cover screen of size 5' x 5' and 3' x 3' complete with MS framework | Sq ft | 34 |  |  |
| (iii) | Manhole cover fabricated from 5 mm thick MS sheet complete with frame and handle | Nos. | 2 |  |  |
| (iv) | Filter media including pebbles, gravel and sand | kg  | 2000 |  |  |
| (v) | Activated Carbon | kg  | 200 |  |  |
| 3 | Providing and fixing 100 mm dia MS C class pipeline for the aeration pipeline grid as required. | M | 12 |  |  |
| 4 | Rectification of defects in air supply pipeline for proper aeration including providing and replacing existing unserviceable air distribution pipeline in the aeration tank with new CPVC pipeline fabricated at site using 65 mm dia and 20 mm dia pipes complete with all necessary fittings like Tee, bends, end caps, reducer sockets, nipples etc. and providing necessary pipe supports, clamps as required. | Job | 1 |  |  |
| 5 | Providing and fixing tubular type fine bubble diffusers in silicone construction, having an air diffusing capacity of 5 cubic meter per hour, on the aeration pipeline grid as required. | Each | 36 |  |  |
| 6 | Painting of all exposed metal pipes surfaces using synthetic enamel paint as required. | Job | 1 |  |  |
| 7 | Preparation and monitoring of environment for bacterial growth for improving MLSS for recommencement of sewage treatment facility including providing fertilizers and chemicals as required. | Job | 1 |  |  |
| 8 | Providing and replacing centrifugal type mono block water pump set (garden hydrant pump) of size 7.5 HP with bronze impeller complete as required. | Job | 2 |  |  |
| 9 | Providing and replacing butterfly valves of size 100 mm in the water supply pipeline connecting pump sets as required. | Job | 4 |  |  |

* Total cost of the work \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* GST\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Time required for completion of work\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Validity of this quotation\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature:

Name:

Seal:

Date:

Interested contractors are requested to visit the site before submitting their quotes.

The quote should be inclusive of all charges i.e. the cost of material, tools, labour, transport etc. GST should be quoted separately.

For site visit and any further clarifications, you may visit ICGEB on any working day (Monday to Friday) between 9.30 a.m. to 5 p.m. (contact person Ms. Gita Prakash).

Quotations should be submitted in a sealed envelope, clearly marked as **‘ND quotation for work at ICGEB, New Delhi Component 009/2018’**. Kindly ensure that this identification number is also mentioned on the quotation. The sealed envelope, with the quotation, should bear the official stamp of the bidder, both on front of the envelope and across the seal of the envelope. The sealed envelope with the quotation should be placed in a further sealed envelope and submitted to:

The Component Manager

ICGEB

Aruna Asaf Ali Marg

New Delhi – 110 067

**The quotation should be submitted latest by Tuesday, 15th May, 2018**.