



बिहार राज्य शैक्षणिक आधारभूत संरचना विकास निगम लि०

BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.

(A Govt. of Bihar Undertaking)

ISO 9001; 14001; OHSAS 18001

Shiksha Bhawan, Bihar Rashtrabhasha Parishad Campus, Acharya Shivpujan Sahay Path, Saidpur, Patna-800004

Tel. No.: 0612-2660850 • Fax No.: 0612-2660256

E-mail: bseidc@gmail.com • website: <http://www.bseidc.in> • CIN U80301BR2010SGC015859

पत्रांक - :

पटना, दिनांक.....

दर आमंत्रण हेतु अल्पकालीन कोटेशन आमंत्रण सूचना-01 वर्ष-2021-22

बिहार राज्य शैक्षणिक आधारभूत संरचना विकास निगम लि० पटना के निबंधित संवेदकों/ख्याति प्राप्त फर्मों/कंपनियों से दिनांक:- 12.07.2020 के अपराहन 03:00 बजे तक राज्य के विभिन्न जिलान्तर्गत विभिन्न निर्माण कार्यों में प्रयोग हेतु Sewage Treatment Plant Works से संबंधित कार्यों हेतु गैर अनुसूचित मर्दों की आपूर्ति एवं अधिष्ठापन के लिए निम्नांकित मर्दों हेतु मुहरबंद कोटेशन अधीक्षण अभियंता, बिहार राज्य शैक्षणिक आधारभूत संरचना विकास निगम लि०, पटना के कार्यालय में प्राप्त किया जाएगा एवं उसी दिन अपराहन 03:30 बजे कोटेशनदाताओं या उनके अधिकृत प्रतिनिधियों के समक्ष खोला जाएगा।

Sl. No.	Description of items	Qty	Unit	Rate In Digits	Rate In Words
1	Design, Installation, testing & Commissioning of Sewage treatment plant STP -120 KLD CAPACITY completely for integrated Commercial & Domestic waste capacity 100 cum/MBBR Technology Treated effluent will be used for gardening flushing water & soft water purpose & overflow will go to Municipal sewer Comprising of following item. Any other item which the agency envisage for better performance of the plant is required to be included in the rate. PH-6.5-7.5, BOD (3 days) 10-15mg/liter, S.Solids-10-15mg/liter, COD -60-80, Oil & Grease -5 mg/Liter, BAR SCREEN-SS-304 fabricated bar screen with 8-12 mm normally placed gaps in screen to allow sewage water flow and prevent higher size debris from entering into the Collection tank at the very entry point it self of the tank, Screen kept inclined at 45 degree to the horizontal with hand track as required. Contractor shall ensure submission of detail civil GA Drawings, P & I diagram for the above mentioned component & additional component if so required for complete working of the STP. MS TANKS -OF 5 MM MSFRP tanks of required sizes such as Aeration tank, Tube Settler, No Choice Tank, Sludge Holding & Treated Water Tank. RAW SEWAGE PUMPS -Centrifugal, Non-Clogal, Submersible raw sewage pumps to pump sewage from equalization tank to aeration tank suitable for handling minimum of 10-12 mm solid particles having a liquid discharge rate of minimum 3 cum /hrs at a head of 10-12 meters suitable for operation on 3 phase 400 volt AC supply. COARSE BUBBLE DIFFUSER -Coarse bubble diffuser with UPVC Pipe grid to provide clog free oxygen for equalization tank as required. FINE BUBBLE DIFFUSER - fine bubble diffuser with tubuler Fine Membrane set of EPDM/Silicon with anti	1.00	Set		

fugal treatment of size 63mm X 610 mm Long to provide clog free oxygen for aeration tank as required.

AIR BLOWER - twin type rotary air blowers required nos capable of required delivery pressure driven through "V" belt or directly coupled through flexible coupling to a TEFC motor of suitable capacity with accessories MS base plate, safety valves, suction filter, NRV PRV, V-belt, Belt guard, Drive and driven pulleys Suitable for 415+ 10 % volts, 3 phases, 50 cycles A/C supply as required.

MBBR MEDIA of PP/PVC self-supporting, cylindrical shaped structure with fins having specific gravity of 0.9-0.95 gm/cm³ for enhanced Dwelling space for bacterial growth installed in Aeration tank as required.

SECONDARY TUBE SETTLING MEDIA of PP/PVC for solid and liquid separation to be installed in secondary tube settler tank as required.

SLUDGE RECYCLE PUMPS to recycle sludge to Aeration Tank & excess sludge to SDB of required nos and capacity.

FILTER FEED PUMPS - of Centrifugal, Mono block, filter-feed pump of required nos and capacity.

ACTIVATED CARBON FILTER

PRESSURE SAND FILTER

DOSING PUMP FOR HYPO DOSING TANK - suitable for chlorine dosing in Chlorine contact tank as required.

SLUDGE FEED PUMP, AIR PURGING GRID, FILTER PRESS, INTERCONNECTING PIPEING.

CONTROL PANEL - Non-compartmentalized & free standing electric distribution panel box made out of 16 SWG CRCA sheet duly powder coated design with suitable bus. The panel shall be having PVC heat shrinkable sleeved and 4 strip (3 phase + 1 neutral) AL bus bar and copper interconnections etc complete as required with suitable switch gears and accessories as required.

CABLING from control panel to various units of sewage treatment plant as per the capacity of the motors/ drives complete as required along with Cable trays.

PRESSURE GAUGES, LEVEL SWITCHES and ELECTRO MAGNETIC FLOW METERS all complete job as per direction of EI.

विशेष शर्तें-

- यह कोटेशन सिर्फ दर निर्धारण हेतु आमंत्रित किया गया है।
- कोटेशनदाताओं को अपना दर (सभी करों, GST एवं दुलाई व्यय के साथ) अंक एवं अक्षरों में उद्धृत करना होगा।
- विशेष सूचना के लिए सूचनापट्ट या वेबसाइट www.prdbihar.gov.in एवं www.bseidc.in देखें अथवा अधोहस्ताक्षरी के कार्यालय में कार्यावधि में संपर्क किया जा सकता है।

Chand
20/6/21
अधीक्षण अभियंता
BSEIDC, पटना।