



CHENNAI ENVIRONMENTAL MANAGEMENT COMPANY OF TANNERS

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NOTICE INVITING TENDER (National Competitive Bidding)

No. CEMCOT/18/RANITEC-104 dated 10 August 2018

**Upgradation of ZLD system in Common Effluent Treatment Plant (CETP)
under Ranipet Tannery Effluent Treatment Co. Ltd., (RANITEC), Ranipet**

The Chennai Environmental Management Company of Tanners (CEMCOT) as Implementation Agency invites offers from contractors / suppliers for upgradation of Zero Liquid Discharge system in the CETP-RANITEC in Ranipet under the IFLADP Scheme of Department of Industrial Promotion and Policy, Government of India. The conditions and other details are available in the tender document
CEMCOT invites sealed bids in two cover system (Cover-1: Technical Bid and Cover-2: Financial Bid) from eligible contractors / suppliers for the works detailed below:

Name and Description of work

Tender document 1 – Schedule A

Issuance of tender documents from 13.08.2018 to 17.08.2018; Submission date:03.09.2018-1400 hrs
Supply, Installation, Testing and Commissioning of 4 MWp capacity solar plant with all necessary accessories. Power generated to be synchronised with power grid including civil works - **Value of work Rs.2098.44 lakhs; EMD: 31 lakhs.**

Tender document 2 - Schedule B

Issuance of tender documents from 17.08.2018 to 23.08.2018; Submission date:07.09.2018-1400 hrs
B1. Construction of Nitrification and De-Nitrification RCC tanks, RCC Building for generation of pure oxygen, Centralised Control Monitoring system including electrical and air conditioning
Value of work Rs. 460.71 lakhs; EMD: Rs. 9.21 lakhs

B2. Removing and relaying of gravity and pressure mains with HDPE pipe, RCC manholes, supply and laying of ductile iron pipeline for recovered water conveying main, supply and installation of wireless monitoring system with server for monitoring TDS and flow in individual tanneries
Value of work Rs. 432.50 lakhs; EMD: 8.65 lakhs

B3. Construction of equalisation tank of 3000 KL, wood storage platform, building for ammonia removal unit, interconnecting black top roads, storm water drain construction of Power Control Center building and boundary walls for solar steam generation plant – **Value of work: Rs. 377.22 lakhs; EMD: Rs. 7.5 lakhs**

B4. Construction of secured landfill system, sludge drying platform, storage shed, storm water drain, lighting and capping of existing landfill system and other mechanical equipment –
Value of work: 800 lakhs; EMD: Rs. 16 lakhs.

Tender document 3 - Schedule C

Issuance of tender document from 17.08.2018 to 23.08.2018; Submission date:07.09.2018-1400 hrs.
Supply, installation, testing and commissioning of 800 KLD capacity Multiple Effect Evaporator, Agitated thin film dryer and Boiler, including construction of Evaporator and wood storage building in RCC, Electrical, Mechanical & Instrumentation works - **Value of work Rs. 2295 lakhs; EMD: Rs. 33 lakhs.**

Tender document 4 - Schedule D

Issuance of tender document from 21.08.2018 to 27.08.2018; Submission date: 11.09.2018 - 1400 hrs.
D1. Construction of RCC cable trench, cable tray ladder with SS 304 support including laying of armoured HT/LT XLPE cables and extension of Power Control Center (PCC) including HT / LT Panel, Transformer, VCB, APFC with CVT, detuned filters, harmonic filters, breakers, bus duct & synchronizing of DG power - **Value of work Rs. 148.62 lakhs; EMD: Rs. 2.97 lakhs**

D2. Supply, installation and commissioning of 600 KLD PT RO followed by Nano filtration system and Ammonia removal plant using hydrophobic membranes for evaporated condensate water
Value of work Rs. 555.5 lakhs; EMD: Rs. 11.10 lakhs

D3. Supply, installation and commissioning of Vacuum Swing Adsorption for generation of pure oxygen and to control odour in equalisation tank and receiving sump, mix flow system
Value of work Rs. 389.94 lakhs; EMD: Rs. 7.8 lakhs

D4. Supply, installation and commissioning of 3000 KLD Ozonation plant including building in RCC, Electro-Mechanical items, Piping and Instrumentation
Value of work Rs. 400 lakhs; EMD: Rs. 8 lakhs

D5. Conversion of receiving sump pump house into filtrate effluent collection sump, upgradation of sludge feed pump in filter press, blowers for existing aeration tank I&II, aeration system for pre-aeration tank, conversion of MS structure with SS 316L scrapper mechanism in primary, secondary and reactivated clarifiers, installation of diaphragm pumps, sludge extraction pump with lorry and tractor trailer, centrifuge for dewatering biological sludge, Supply, erection and commissioning of Electro-Mechanical & Instrumentation works for De-Nitrification & Nitrification Tank and Fine Screen etc., supply, installation, testing and commissioning of flue gas analyzer in the existing Boiler, Glass Fibre Media for DMF and MGF & supply and installation of ultra filtration by using PVDF membrane (3000 KLD) - **Value of work Rs. 1096.58 lakhs; EMD: Rs. 21.93 lakhs**

D6. Supply, installation, testing and commissioning of 1 tonne per hour capacity steam generator using solar power - **Value of work Rs. 360 lakhs; EMD: Rs. 7.2 lakhs**

Date and Issue of Tender document On all working days as given above between 1000 hrs. and 1700 hrs. from the address mentioned above

Cost of Tender document Rs. 15,000/- per tender document to be remitted by DD favouring "CEMCOT-Main A/c." payable at Chennai or by cash (Non-Refundable)

Pre-Bid Meeting As given in the tender document

Pre-Qualification details Refer CEMCOT website at www.cemcot.com

The tender document will be issued on written request on any working day as per time line mentioned above. CEMCOT reserves the right to withdraw this proposal or reject any or all bids or to allot part of the work to different agencies without assigning any reasons thereof.

Managing Director, CEMCOT

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