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 of RANITEC in Ranipet under the IIFLADP 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**

Isuance 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: 311 lakhs.

**Tender document 2 - Schedule B**

Isuance 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, Centrised Control Monitoring system including electrical and air conditioning. Value of work Rs. 460.71 lakhs; EMD: Rs. 9.21 lakhs.

B2. Removing and releasing 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: Rs. 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 water steam generation plant - Value of work Rs. 377.22 lakhs; EMD: Rs. 7.51 lakhs.

**Tender document 3 - Schedule C**

Isuance of tender document from 06.08.2018 to 09.08.2018, Submission date: 02.09.2018-1400 hrs

Value of work Rs. 360 lakhs; EMD: Rs. 7.20 lakhs.

**Tender document 4 - Schedule D**


Value of work Rs. 146.82 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. 555.55 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. 7.9 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 pumpp house into filter effluent collection sump, upgradation of sludge feed pump in filter press, blowers for existing aeration tank &I& aeration system for pre-aeration tank, installation of diaphragm pumps, sludge extraction pump with trolley and trailer car, centrifuge for dewatering biological sludge. Supply, erection and commissioning of Electro-Mechanical &Instrumentation works for De-Nitrification & Nutritive Tank and Fine Screen etc. supply, installation, testing and commissioning of gaseous 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

Managing Director, CEMCOT