

# **Punjab Agri Export Corporation Limited**

**Plot No. 2-A, Sector 28-A, Madhya Marg, Chandigarh-160002**

**Ph: 0172-5074210, Email: [gm.pagrexco@punjab.gov.in](mailto:gm.pagrexco@punjab.gov.in)**



## **EXPRESSION OF INTEREST**

Punjab Agri Export Corporation Limited (PAGREXCO) has set-up State-of-the-art multi Fruit & Vegetable Processing Plants (with bulk aseptic packing facility, cold & frozen stores, bottling unit) along with Wheat and Rice processing unit in different locations in Punjab and also have back-end facilities for strengthening primary and secondary processing of horticultural/agricultural crops. PAGREXCO invites Expression of Interest (EOI) from reputed professionals, firms/companies, etc. for "Hiring of Effluent Treatment Plant (ETP) & Water Treatment Plant (WTP) Consultant", having experience in food processing sector/pharma sector, for designing, supervision, implementation, compliances, etc. for upcoming projects to be set-up or up-graded at Village Alamgarh, Abohar, Punjab.

Interested professionals/firm/individual/entity/company can apply with detail in sealed offer super scribing "EoI: "Hiring of Effluent Treatment Plant (ETP) & Water Treatment Plant (WTP) Consultant" by 15.09.2025 up to 05.00 PM. The detailed terms & conditions can be downloaded from website [www.punjabagro.gov.in](http://www.punjabagro.gov.in).

Corrigendum, if any, will be issued on website only. Management reserves the right to accept/reject all/any offer without assigning any reason.

**Managing Director**

# Punjab Agri Export Corporation Limited

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PUNJAB AGRO

## **EXPRESSION OF INTEREST FOR HIRING OF EFFLUENT TREATMENT PLANT (ETP) & WATER TREATMENT PLANT (WTP) CONSULTANT.**

To,

**Managing Director,  
Punjab Agri Export Corporation Limited,  
Plot No. 2 A, Sector 28-A, Chandigarh.**

Name of the company : \_\_\_\_\_

Address : \_\_\_\_\_

: \_\_\_\_\_

: \_\_\_\_\_

: \_\_\_\_\_

PAN No. of Company: \_\_\_\_\_

Phone No.: \_\_\_\_\_ Fax No: \_\_\_\_\_ E-mail: \_\_\_\_\_

1. I / We have gone through the Expression of Interest published in the newspaper on dated \_\_\_\_\_.
2. I/We hereby offered our proposal against the Expression of Interest (EOI) issued for "Hiring of Effluent Treatment Plant (ETP) & Water Treatment Plant (WTP) Consultant".
3. My/our particulars are as follows: -
  - a. Name.
  - b. Complete Postal Address.
  - c. GST No.
  - d. PAN No. (Copy enclosed).
  - e. Phone No.
  - f. Mobile No.
  - g. e-mail ID.

4. I/We have read all the terms & condition of the EOI carefully and will comply with the same. We will also comply with any such term, conditions and directives which will be issued by MD, PAGREXCO from time to time during the contract period.

- **Background:-**

Punjab Agri Export Corporation Limited (PAGREXCO) has set-up multi fruit & vegetable processing plants along with wheat and rice processing plant in Punjab. Further, department has vast experience in setting up of backend infrastructure for primary processing of horticultural crops and provide in-depth knowledge about organic cultivation in the state of Punjab. A wide range of fruits & vegetable such as Tomato, Kinnow/Citrus, Mango, Pear, Apple, Guava, Peach, Plum, Melons, Amla, Aloevera, Carrots, Jamun, Chilles (Red & Green), Root Crops, Bitter Gourd (Karela), Bottle Gourd (Giya/Lockey), etc. are being processed to manufacture juices, pulp, pastes & concentrates etc. by the department. The products are being used as an ingredient for manufacturing other food products by various FMCG Companies. PAGREXCO is also exporting pastes in bulk from the last five years to different countries.

Further, PAGREXCO cultivates the agricultural crops as demonstrated farm in which different crops are being grown with new varieties and to adopt best package of practices being developed by state nodal departments. Department is keen to work for value addition of horticultural crops in the state of Punjab and work for welfare of farmer community.

- **Requirement:-**

These F&V processing plants need to be upgrade/modernize as per international compliance certifications like BRC, FSSAI, FDA, HACCP, HALAL, etc. to fulfill the food industry requirement/compliances. Further up-gradation is required to adopt new and emerging technologies as well as to keep pace with market demand. Hence, existing infrastructure need to further augment and strengthen for

ongoing operations, so that the plants may remain techno commercial competitive, viable and operates smoothly as per international standard.

The services of a professional Consultant are required for the up-gradation of existing system of ETP & WTP for treatment of water and re-cycling purpose along with sludge handling system being set up by PAGREXCO at different units along with assessment of existing ETP & WTP infrastructure, to prepare technical feasibility study and to submit recommendation for designing of complete ETP & WTP system up to Zero Liquid Discharge (ZLD). Further the consultant has to design WTP with maximum efficiency and streamline the water process with minimum wastage along with its re-cycling. The consultant has to design the WTP to fulfill the daily usage of RO water for smooth process requirement and to generate effluent as per technical specification and to fulfill the other requirements. The consultant has to design and provide engineering solution for modification of existing ETP & WTP layout along with its engineering design and to submit technical specification. Implementation plan need also be prepared based on the recommendation and technical feasibility study. Consultant will also have to prepare all documents with respect to ETP & WTP related work and per Government norms/specification as per Food Processing norms and also responsible for all the compliances.

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**PUNJAB AGRO**

**'Annexure – A'**

## **SCOPE OF SERVICES**

### **CONSULTANCY SERVICES FOR WATER TREATMENT PLANT (WTP) AND EFFLUENT TREATMENT PLANT (ETP).**

#### **Introduction**

Existing WTP & ETP System are designed for processing of Citrus (Kinnow), Tomato & other similar fruits & vegetables. PAGREXCO is now proposing to add following manufacturing lines, over & above existing production lines to be set up at Village Alamgarh, Abohar, Punjab :-

- Chilli Processing Line
- Nutraceuticals Unit
- Ginger and Garlic Paste Manufacturing line

The processing units to be added in existing setup as mentioned above, are tentative in nature and one/two manufacturing units may add up to this list, which will be conveyed to the successful company/firm.

The main responsibilities of the ETP & WTP Consultant, but not limited to, will be as follows: -

#### **1. Assessment of Existing ETP Infrastructure**

- Conduct a comprehensive audit of the existing WTP & ETP systems and machinery.
- Identify non-functional components and assess their condition.
- Evaluate the current treatment processes for efficiency and effectiveness.
- Review compliance with environmental regulations and standards.

## **2. Technical Feasibility Study**

- Analyze the existing technologies used in the WTP & ETP.
- Identify gaps in technology and performance.
- Propose necessary repairs and upgrades to bring the WTP & ETP to optimal functioning.

## **3. Recommendations for Machinery and Equipment**

- Recommend suitable new technologies and machinery that enhance waste treatment efficiency.
- Provide specifications for new equipment, including motors and pumps required for improved treatment processes.
- Evaluate and recommend energy-efficient solutions.

## **4. Design and Engineering Solutions**

- Develop detailed design modifications for the existing WTP & ETP layout, if necessary.
- Prepare engineering drawings and technical specifications for proposed upgrades.
- Ensure that all proposed solutions align with regulatory requirements.
- Design of complete existing ETP unit up to Zero Liquid Discharge (ZLD) & WTP for use in process & utilities with minimum/zero discharge.

## **5. Implementation Plan**

- Create a phased implementation plan for repairs and upgrades, including timelines.
- Outline resource requirements, including manpower and material.
- Identify any potential disruptions to operations and propose mitigation strategies.
- Treatment of water for re-cycling purpose and sludge holding system.

## **6. Cost Estimation and Budgeting**

- Provide a detailed cost estimate for repairs, upgrades, and new equipment.

## **7. Pollution Control**

Address issues of Air pollution, Process wastes & Hazardous wastes.

- Air Pollution: Identify sources of air emissions and recommend appropriate control measures such as scrubbers, filters, and ventilation systems to ensure compliance with environmental norms.
- Process Waste Management: Assess types and quantities of process waste, and develop a systematic plan for segregation, treatment, recycling, or disposal in accordance with regulatory standards.
- Hazardous Waste Handling: Identify all hazardous waste streams and ensure proper storage, labeling, handling, and disposal through authorized channels, adhering strictly to CPCB/SPCB guidelines.

## **8. Reporting and Documentation**

- Prepare detailed reports at each phase of the assessment and implementation process.
- Document all findings, recommendations, and changes made to the WTP & ETP.

## **9. Monitoring and Evaluation**

- Establish a monitoring framework to evaluate the performance of the upgraded WTP & ETP.
- To prepare all documents as per State/Central Government norms/ compliance as per Food Processing Sector.

## **ELIGIBILITY CRITERIA**

<b>S. N.</b>	<b>Basic Requirement</b>	<b>Specific Requirement</b>	<b>Documents Required</b>
1.	Legal Entity	<p><b>1.</b> A proprietorship firm duly registered under a Central Act/Act of Punjab/, as applicable.</p> <p><b>OR</b></p> <p><b>2.</b> A company registered under Indian Companies Act, 1956.</p> <p><b>OR</b></p> <p><b>3.</b> A partnership firm registered under Indian Partnership Act, 1932.</p> <p><b>OR</b></p> <p><b>4.</b> A society registered under any Central Act/Act of Punjab, as applicable.</p>	<p><b>1.</b> Copy of valid Registration Certificate</p> <p><b>2.</b> (a) Copy of valid Registration Certificate. (b) Copy of Certificate of Incorporation.</p> <p><b>3.</b> (a) Copy of valid Registration Certificate. (b) List of partners. (c) Copy of Partnership Deed.</p> <p><b>4.</b> Copy of valid Registration Certificate from ROS</p>
2.	Technical Capability & Experience	The Effluent Treatment Plant (ETP) & Water Treatment Plant (WTP) Consultant (individual/firm/entity) must have personnel having bachelors/diploma in chemical engineering.	Valid Certificates.
3.	Tax Registration & Clearance	The bidder should have : i. GST registration ii. PAN	Copies of certificates of registration of GST, Service Tax and PAN.
4.	Experience	Applicant must have an operational	Legal documents to validate.



		<p>office in Delhi, Haryana, Punjab and/or J&amp;K for atleast 5 years.</p> <p>The company/firm must have minimum experience of 10 year in handling large industrial ETP &amp; WTP contracts in food processing or pharma industry.</p>	<p>Copy of work executed for different department/company/firm/industry along with satisfactory report.</p>
5.	Financial Turnover	<p>The bidder must have a business turnover of more than Rs. 1.00 Crore per year during the last three years i.e. 2022-23, 2023-24 and 2024-2025.</p>	<p>CA's Certificate with CA's Registration Number/ Seal.</p>
6.	Blacklisting	<p>The company/firm should not be blacklisted under any category with any Government or semi-Government Department / Corporation/Board and should have no dispute with PAGREXCO.</p>	<p>The company has to submit undertaking on non-judicial paper of Rs. 100/- along with this EOI.</p>

**Signature with Seal of the Party**

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## **GENERAL TERMS & CONDITIONS**

1. The Expression of Interest (EOI) should reach this office on or before 15.09.2025 up to 05.00 PM. The sealed offer is addressed to Chief Executive Officer, Punjab Agri Export Corporation Limited (PAGREXCO), Plot No. 2-A, Sector: 28-A, Madhya Marg, Chandigarh – 160002.
2. Participating company/firm should apply for EOI prepared for "Engagement of Effluent Treatment Plant (ETP) & Water Treatment Plant (WTP) Consultant" (Firm/Individual/Entity).
3. The interested parties can apply based on their experience/expertise or professional competency by fulfilling all eligibility criteria and submit the financial specification as per '**Annexure – B**'.
4. The participating company/firm should have to submitted technical & financial offer separately by mentioning 'Technical Offer' & 'Financial Offer' in sealed envelope only in a single envelope by mentioning "Expression of Interest" for "Hiring of Effluent Treatment Plant (ETP) & Water Treatment Plant (WTP) Consultant".
5. The proposal submitted by the company/ individual/firm etc. should have technology standardization & demonstration with nature friendly IPM & INM system.
6. Each of the document/paper submitted by the party should be duly signed by the party.
7. To participate in this 'EOI', bidder/agency/party has to submit a draft of Rs. 1,000/- in the name of "Punjab Agri Export Corporation Limited", payable at "Chandigarh" along with Expression of Interest.

8. If at any stage it is found that the services are not satisfactory of the organization, PAGREXCO reserves the right to terminate the contract by giving one month notice.
9. Payments will be made as per payment terms along with submission of bills of work progress report and submission of bills complete in our aspects and no interest will be paid for any delay payment.
10. If the company/firm fail to complete the job as per project requirement the work will be got done from independent company/firm at the risk & cost of the successful party and bidding company will be blacklisted.
11. The company/firm shall comply with all laws, statutory provisions, terms & conditions and guidelines of the government and concerned statutory authorities.
12. The successful company/firm should not share plant/unit detail with any other party/agency for any other purpose.
13. The Consultant shall visit PAGREXCO's Abohar unit and Head Office, Chandigarh as required, with a minimum of three visits per month to the plant during the implementation/installation period; no TA/DA shall be applicable for such visits.
14. All the payments to the local bodies will be made by PAGREXCO directly in connection with various approvals.
15. Over and above the terms & conditions given herein, other terms as detailed in the terms & conditions of our EOI documents will also form part of this EOI.
16. The consultant should compile and help PAGREXCO submit CTE and CTO applications to PPCB and assist PAGREXCO in getting approval for the same.
17. The Effluent Treatment Plant (ETP) & Water Treatment Plant (WTP) Consultant (Individual/Firm/Entity) should identify/study the requirements

and after detailed discussions and deliberation with the concerned officials of PAGREXCO should submit his report/proposal on fortnightly basis.

18. The Effluent Treatment Plant (ETP) & Water Treatment Plant (WTP) Consultant (Individual/Firm/Entity) should help/assist in identification of the requirements for up-gradation and modernization of existing ETP & WTP infrastructure for increasing operational efficiencies as per scope of work define in '**Annexure – A**'.
19. The successful bidder has to complete the project as per ETP & WTP requirements within six (6) months as per the scope of work define in '**Annexure – A**'.
20. The ETP & WTP project may be extended to other sites/unit also based on requirement/successful completion of one site/unit as per mutually agreed terms & conditions.
21. PAGREXCO will pay professional service charges to the successful party/company w.r.t. all work assigned as per payment terms of this EOI.
22. All statutory deduction would be done as per Government norms.
23. The successful bidder shall abide by all laws, rules, regulations and PAGREXCO shall not be responsible for any violation.
24. The management reserves the right to reject any or all the EOI's offers without assigning any reason.
25. In case of any dispute the decision of the Managing Director, PAGREXCO will be final.
26. All disputes are subject to Chandigarh Jurisdiction.

**Signature with Seal of the Party**

## **PAYMENT TERMS**

- **Payment Terms are as follows:-**

The consultant will get lump sum consultation charges (to be quoted by the consultant) for each location which will be paid as:

- a. 10% payment as advance.
- b. 20% payment after assessment of existing ETP/WTP, submission and approval of technical feasibility report along with CTE application to PPCB for their approval.
- c. 20% payment after designing the final ETP/WTP up to ZLD or required effluent and to provide engineering solution along with its implementation plan.
- d. 20% payment after preparation of cost estimation and budgeting and submission of all compliance certificates as per Government norms.
- e. 20% payment after completion of all works as per project requirement, submission of application to PPCB for CTO and smooth operation of ETP/WTP unit against submission of satisfactory report by the respective plant/ unit head.
- f. 10% payment after 3 months of smooth running of complete ETP/WTP unit up to ZLD level against submission of satisfactory report by the respective plant/unit head and approval for CTO by PPCB.

- **Selection Criteria – Two Bid Format:-**

**The selection will be carried out in two phases:-**

**Phase 1:** All EOI/proposals received by the due date will be reviewed/evaluate by the constituted committee. The committee will shortlist the company/firm whose documents are as per eligibility criteria and as per project requirement.

**Phase 2:** The financial offer of only those firm/company will be open who will qualify the technical eligibility criteria.

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## 'Annexure – B'

- **Financial Specification:-**

Sr. No.	Particulars	Price (In Rs.)
1.	Effluent Treatment Plant (ETP) & Water Treatment Plant (WTP) – Consultancy Charges	Rs..... (GST Extra). Amount in words ..... ..... .....

**Signature with Seal of the Party**