



AmulFed Dairy

A UNIT OF GUJARAT CO-OPERATIVE MILK MARKETING FEDERATION LIMITED

(PREVIOUSLY KNOWN AS MOTHER DAIRY, GANDHINAGAR)

AFD: CIVIL: INQ: 20230501

May 19, 2023

Inquiry for Architectural, Structural and Statutory Consultant services for Expansion of Poly Film Plant at Gandhinagar.

(A). SCOPE OF WORK

- Master Planning
- Architectural / Engineering Design
- Other Design Services
- Making Detail Estimate with GOG SOR rates
- Day to Day Inspection of Construction Works
- Interior Design
- Structural details
- 3D Drawings with Model

II-A Master Planning

- a) Site analysis - Analysis of contour survey, site plan and soil investigation report - (Plans and Reports shall be provided by the AmulFed Dairy).
- b) Site development planning for utilization studies, orientation, access, landscape and open space planning, rough grading, parking and utilities
- c) Building planning analysis including space planning, general exterior planning and material research.
- d) Master plan feasibility study.

II-B Architectural / Engineering Design

1. Design Brief Preparation

- a) Site analysis - Analysis of contour survey, site plan and soil investigation report (plans and reports provided by AmulFed Dairy)
- b) Preparation of a list of spaces/facilities required in consultation with AmulFed Dairy

2. Architectural Design

- a) Preparation of conceptual design drawings.
- b) Preparation of schematic design drawings sufficient for preparing tenders.
- c) Preparation of architectural working drawings sufficient for execution of works

3. Structural Design

- a) Preparation of Schematic design sufficient for preparing tenders
- b) Preparation of Structural design drawings sufficient for execution of works

4. Electrical System Design

- a) Preparation of conceptual design of electrical systems
- b) Preparation of schematic design of electrical systems up to distribution board
- c) Preparation of schematic lighting layout, switch board locations and internal wiring system.
- d) Preparation of electrical working drawings sufficient for execution of works
- e) Selection of electrical fittings & fixtures.

5. Plumbing, Water Supply, Waste Disposal

- a) Preparation of conceptual design of water supply, storm water & waste disposal system
- b) Preparation of schematic lay outs for water supply system, drainage system, toilets & other wet utilities if any
- c) Preparation of working drawings sufficient for execution of works
- d) Selection of plumbing fittings & fixtures

6. Rain Water Harvesting System Design

- a) Preparation of conceptual design of rain water harvesting system.
- b) Preparation of schematic lay outs for rain harvesting system
- c) Preparation of working drawings sufficient for execution of works

7. Air conditioning, Air cooling & Ventilation Systems Design

- a) Preparation of conceptual design of air conditioning, air cooling & ventilation systems based on final interior / furniture layout
- b) Preparation of a schematic drawing for electrical lay out, duct lay out and relevant equipment mentioning finishes
- c) Preparation of a working drawing for electrical lay out, duct lay out and equipment mentioning finishes sufficient for execution of works

8. Escalators, Elevators & Freight Movement Designs

- a) Preparation of a conceptual design plan for installation of relevant equipment.
- b) Preparation of specifications of passenger elevators / escalators, freight elevators and goods movement equipment.
- c) Preparation of schematic design and execution details for installation of fabricated equipment.

9. **Site Development Design**
 - a. Preparation of a conceptual site development plan which includes grading, plot drainage, general landscape, internal roads and pathways, compound walls, knee walls. (Soft landscape works in this section is only indicative and shall be part of Landscape Design Services)
 - b. Preparation of schematic drawings for site development
 - c. Preparation of working drawings sufficient for execution of works

10. **Telephone and Data Network Design**
 - a. Analysis and preparation of conceptual conduit layout drawings of telephone and data network system up to distribution board.
 - b. Preparation of schematic conduit layout drawings of selected telephone system up to distribution board
 - c. Preparation of working drawings sufficient for execution of works

11. **Selection and design for installation of Art objects as a part of General Development**
 - a. Preparation of conceptual design for installation of objects on site
 - b. Preparation of schematic design, selection of art objects, paintings, sculptures etc. and assistance in procurement or execution of the above installation of objects on site
 - c. Preparation of working drawings sufficient for execution of works

12. **Estimates**
 - a. Preparation of area based estimate based on conceptual design
 - b. Preparation of estimates based on tender drawings with GOG SOR rates with rate Analysis
 - c. Preparation of estimates based on contracts finalized with contractor
 - d. Periodic review of estimates during execution of works

13. **Tender Documents**
 - a. Preparation of bills of quantities & technical specifications for tender documents
 - b. Preparation of conditions of contract in consultation with AmulFed Dairy Organizing and conducting bidding process - pre-qualification of contractors, invitation of bids, providing clarifications for bidders
 - c. Analysis of bids for review by AmulFed Dairy
 - d. Preparation/ finalization of draft contract documents for AmulFed Dairy.

II-C Other Design Services**1. Soft Landscape Design**

- a. Preparation of Conceptual Design Drawings
- b. Preparation of Schematic design drawings sufficient for procurement
- c. Approval of shop drawings submitted by the landscape contractor for execution of works

2. Fire Fighting & Prevention Systems

- a. Preparation of Conceptual Design Drawings
- b. Preparation of Schematic design drawings sufficient for procurement

II-E Approvals from Local Authorities

- a. Providing basic set of architectural design drawings to local Architect / Structural Engineer (appointed Directly by Client for all Works related to Liaisoning & statutory Approvals.)
- b. Assistance in appointing consultant for preparation of application for Development Permission from Municipal Corporation / Urban Development Authority
- c. Assistance with responding to queries/requirements of statutory authority during approval process.
- d. Preparation of application for Building Occupancy Certificate (BOC) from Municipal Corporation / Urban Development Authority
- e. Assistance with responding to queries/requirements of Municipal Corporation / Urban Development Authority for Building Occupancy Certification.

Last date of receipt of Quotation: 26th May 2023.

Yours faithfully,



For, AmulFed Dairy, Gandhinagar.