



An ISO 9001 & 14001
Certified Company

Rehabilitation Plantations Limited

(A Joint Venture of Govt. of India & Govt. of Kerala)

CIN - U01119KL1976SGC002799

GSTIN32AAACT8105A1Z2

Regd. Office : PUNALUR- 691 305, KOLLAM DIST., KERALA, INDIA



RPL/2452/2024-25 / 652

26.06.2024

EXPRESSION OF INTEREST

Expression of interest is invited for the conversion of the fuel of the Hot air drier (installed capacity 2MT/ shift, 6MT/day) in our ISNR Factory from producer gas (from a Gasifier) to LPG system. In this context, the registered/ authorized parties under any of the oil companies are requested to submit their offers on or before **10.07.2024** after visiting our ISNR Factory at Kulathupuzha Estate and collecting required details from the factory. The submitted offers must include the Technical specifications, safety measures, details of Burner, Terms and conditions, time required for execution of the work, warranty/ guarantee period, mode of investment, rate of the LPG without GST on the month of offer, transportation & handling charges of cylinders if any and any other relevant details with regard to the work. Financial offer must contain split up details of the offers along with the total amount as given in the draft specification enclosed as Annexure 1. Other relevant details if any can be incorporated in the offer after visiting the factory. Our expected annual production in the ISNR Factory is 350-450 MT only. The final offer should reach this office on or before **10.07.2024**.

The rates and conditions shall be quoted for each following items separately.

Sl.No	Type of cylinder	Installation by the investment of RPL and supply of LPG gas by the agencies (Rate)	Free installation by the agencies and supply of LPG gas. (Rate)
1	LOT Manifold with 10X 2 System (cylinder 47.5 Kg)		
2	LOT Manifold with jumbo cylinder (cylinder 425 Kg)		

For further details please contact:

Factory Manager: **98460 15506**

Sd/
Managing Director

**TECHNICAL SPECIFICATION FOR INSTALLING LPG SYSTEM AT FACTORY
COMPLEX OF REHABILITATION PLANTATIONS LTD**

Name of work: Supply, installation, commissioning & testing of LPG system with new efficient burner in the drier of the crumb rubber factory of the company.

Drier capacity: 2T/shift, i.e, 6T/day in 3 shifts

Diesel consumption in the drier: 15 to 17 litres/Hour

Existing burner in the drier was installed during January 2007. Burner make - Wesman North American.

The offer should include the following details.

- 1) Offers must include item wise technical specifications, time required for execution after the receipt of work order, terms & conditions
- 2) Compliance with all statutory, legal and safety requirements
- 3) Accessories if any, to be included in the quote.
- 4) Availability of option for initial investment
 - (c) Option 1- investment by Rehabilitation Plantations Limited
 - (d) Option 2- investment by the bidder/firm/company
- 5) Separate mention to be made on the feasibility of conversion of existing burner, if any, instead of new burner.
- 6) Training to be given to the factory staff after commissioning.
- 7) Any other relevant information which bidder wishes to add.

Rehabilitation Plantations Limited

Annexure 1

Draft Specification

Work Particulars For The Conversion Of Fuel Using In Hot Air Drier (Capacity 2 Tonnes Per Shift) In ISNR Factory At Kulathupuzha Estate From Producer Gas To LPG System

Sl.No	Description	Specification	Quantity	Rate
1	LOT Manifold for 10 cylinders	MS Seamless SCH 80 pipe as per IS:1239 with ASA 300 class end flanges		
2	LOT Adaptor	Forged in Brass,		
3	LOT Flexible Hose	Flexible hose as per EN 853, IS:1436; SAE100 RI, Working pressure-180 bar		
4	LOT Non return valve	Forged in Brass:SS Spring		
5	LOT Manifold Ball valve	CSBody:SSBall; WCB, Single Piece Design-As per ASTM A 215		
6	Thermal Relief Valve	Pop action Type forged in Brass		
7	Pressure Gauge with isolation valve	4" SS Dial Glycerine Filled Range:0-21 bar		
8	Manifold Isolation Ball valves	Fire safe Type; CSBody; SS Ball single piece Design:ASA 300 class as per ASTM A 215		
9	Y Type strainers	CS Body:ASA 300 Class		
10	LP Gas Vaporizer	Capacity :30 kg/hr water bath type; indirectly heated with Electrical Heater coils		
11	Pressure Gauge with isolation valve	4" SS Dial- Range:0-10 Bar		
12	Isolation Ball valves for gas train	CS Body:SS Ball; Single piece design Fire safe type; ASA 150 class:As per ASTM A 215		
13	Gas Filter	CS Body: ASA 150 class working pressure:0-17 bar		
14	Slam Shutoff valve	1"BSPF		
15	Pressure Regulator	CS Body:ASA 150 class; Inlet pressure:0-17 bar. Outlet pressure:0.5-4 bar max flow rate:200 m3/hr		
16	Pressure Gauge with isolation valve	4" SS Dial-Range:0-4 Bar		
17	Flame Flashback arrestor	CS Body:ASA 150 class working pressure0-20 bar		
18	Automatic Burner	Single stage gas burner model:GS 24 TC FS1 capacity:142-280 KW And gas train Dungs make; Model MBDLE 407 Min inlet Pressure 100 M bar		
19	Low pressure Gastrain for automatic burner	Including ball valves filter pressure gauge and PR		
20	Temperature control panel for burner			
21	LPG vapour line	With MS SEAMLESS SCH 40 pipe (TATA/JINDAL) and all fittings		
22	Liquid Separator			
23	Supply, installation, painting, testing and commissioning charges			
	Items if any			

Please mention the details of any other specification/items to be required, after visiting the Factory