AGS adsorption nitrogen station Questionnaire

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| **Project Information** | |
| Customer: |  |
| Responsible person: |  |
| Responsible person's contact information: |  |
| Project stage: | Pre-design estimate  Feasibility Study  Technical design  Tender for the supply  Working draft  Other |
| Desired delivery time: |  |
| Additional Information: |  |
| **Basic parameters of the nitrogen station** | |
| * 1. Air separation unit type: | PSA  Membrane  Cryogenic  On choice of supplier |
| * 1. Technical execution: | Stationary - mounted in the workshop  Mounting on a single frame  Installation in a container  On the chassis |
| * 1. Power grid parameters | 380/220 V 60 Hz  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| * 1. Number of gas supply points, with different parameters: |  |
| * 1. The required concentration of nitrogen, % vol. at each nitrogen feed point: |  |
| * 1. Required nitrogen pressure at the consumer, bar. at each nitrogen feed point: |  |
| * 1. Nitrogen consumption at each nitrogen feed point, m3 / h: |  |
| * 1. Nitrogen consumption pattern: | Constant consumption  Intermittent not exceeding the performance of the requested station  There are peak surges above the station performance |
| * 1. Peak consumption pattern, hourly schedule: |  |
| * 1. Additional requirements for the parameters of the produced nitrogen:   • dew point at specific pressure |  |
| • the content of solid particles,  • content of other gases,  • permissible temperature, С |  |
| * 1. Availability of own compressed air and its parameters: |  |
| * 1. Additional Information: |  |
| **Working conditions** | |
| * 1. Air temperature in the room intended for the placement of nitrogen plant equipment, °С, max./min. |  |
| * 1. Required climatic design (for mobile stations and stations in a block box). |  |
| * 1. The need for redundancy of the station or individual components. |  |
| * 1. Additional Information: |  |
| **Control conditions and automation** | |
| * 1. The unit must be fully controlled from a remote-control station: |  |
| * 1. Ability to control nitrogen concentration remotely: |  |
| * 1. Availability of an operating (included in the project) upper-level APCS: |  |
| * 1. Method of data transmission for remote monitoring and control of the unit: |  |
| * 1. Additional Information: |  |
| **Parameters of the container (Block-box)** | |
| * 1. Container type: | Stationary  Mobile on chassis  Skid-mounted |
| * 1. Availability of external storage receivers, specify the type and volume: |  |
| * 1. Requirements for "Ex proof", and a class required: |  |
| * 1. Power grid parameters: | 380/220 V 50 Hz  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| * 1. Power supply redundancy, ATS availability: | Yes  No |
| * 1. Fire alarm: | Yes  No |
| * 1. The presence of an automatic fire extinguishing system: | Yes  No |
| * 1. Requirements for APCS: |  |
| * 1. Special requirements for coloring and branding |  |
| **Additional information** | |
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