

दूरभाष :

TELEPHONE

तार : बार्क-मुंबई, चेंबूर.

TELEGRAMS : BARC-MUMBAI, CHEMBUR.

टेलिक्स : ०११-६१०१७/०११-६१०२२ बार्क इन

TELEX : 011-61017/011-61022 BARC IN

फेक्स संख्या : ९१-२२-५५६०७५०

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भारत सरकार

GOVERNMENT OF INDIA

भाभा परमाणु अनुसंधान केन्द्र

BHABHA ATOMIC RESEARCH CENTRE

RADIOMETALLURGY DIVISION

द्वारे,

मुंबई-४०० १६५.

TROMBAY,

MUMBAI-400 085

Ref: NFG /RMD/KMD/2018/186203

Date 26-09-2018

Sub: Notice inviting tender for fabrication, supply, installation and commissioning of Process Gas supply system as per specifications given in the Annexure 1.

Scope

Fabrication, supply, installation and commissioning of Process Gas supply system at purchasers' site.

General guidelines for submitting tender

You shall send your offer in a sealed envelope indicating delivery period, price inclusive of taxes and other relevant information by **speed post** to:

Head,
Radiometallurgy Division
NFG, Radiological labs.
Bhabha Atomic Research Centre
Trombay,
Mumbai 400085
(Kind Attention : K M Danny, SO/F)

- Quotation shall reach us on or before **18.10.2018**

- On top left corner of the envelope please indicate **Quotation For fabrication, supply, installation and commissioning of Process Gas supply system as per specifications given in the Annexure 1- due date 18.10.2018**
- Overwriting, scratching etc. must be avoided in the quotation. Rewriting the whole figure shall carry out any alteration in the figure. The authorized person from the firm shall countersign such figure.
- The delivery period mentioned in the quotation shall be strictly adhered to. If the contractor fails to supply and secure extension of delivery date before effecting delivery of the supply against the contract, acceptance of such item by the purchaser will in no way prejudice the right of the purchaser to levy liquidated damage nor will it be entitled to the contractor for payment of statutory levies that comes into force after the expiry of the delivery date.
- **Supplier shall have prior experience in fabrication, supply, installation and commissioning of gas supply system**
- *Minimum Guarantee / Warranty* period of the system shall be one year.
- **Supplier shall mention clearly the GST/PAN no. on quotation.**
- All the charges and taxes shall be mentioned clearly
- Bidder must indicate about exemption certificates of government levies such as GST etc.
- Early delivery schedule will be given a consideration.
- You may contact us for any clarification on or before 17.10.2018 (Shri K. M. Danny, 25590661/680, danny@barc.gov.in)

INSPECTION AND TESTING:

The purchaser shall have access at all reasonable times to all shops and the sub-contractors where material is being fabricated and assembled and all reasonable facilities for such inspection shall be provided. Prior to the supply of item the manufacture has to get it approved from the purchaser.

PLACE OF DELIVERY:

The inspected and accepted Assemblies shall be delivered to:

Stores Officer

Radiological Zonal Stores.

Bhabha Atomic research centre

Mumbai- 400 085

PAYMENT TERMS:

Full payment will be made only after the satisfactory completion of Work order and "fabrication, supply, installation and commissioning of Process Gas supply system as per specifications given in the annexure 1". Please note that income tax @ 2% will be deducted from your bill. ***No part payment or advance payment will be made. No part payment or advance payment will be made.*** For this mode of payment, you are required to draw your invoice in the name of Head, RMD, Bhabha Atomic Research Centre, Mumbai 400085, in ***triplicate along*** with Advance Stamp receipt and to be submitted along with "fabrication, supply, installation and commissioning of Process Gas supply system as per specifications given in the annexure 1"

CONFIDENTIALITY CLAUSE:

No, party shall disclose any information to any third party, concerning the matters under this contract generally. In particular, any information identified as "Proprietary" in nature by the disclosing party shall be kept strictly confidential by the receiving party and shall not be disclosed to any third party without the prior written consent of the original disclosing party.

This clause shall apply to the sub-contractors, consultants, advisers or the employees engaged by a party with equal force.

"Restricted information" categories under section 18 of the Atomic Energy Act, 1962 and "official Secrets" under section 5 of the official secrets act, 1923:

Any contravention of the above-mentioned provisions by any contractor, sub-contractor, consultant, adviser or the employees of a contractor will invite penal consequences under the aforesaid legislation.

Prohibition against use of BARC's name without permission for publicity purposes:-

The contractor or sub-contractor, consultant, adviser or the employees engaged by the contractor shall not use BARC's name for any publicity purpose through any public medial like press, radio, T.V. or Internet without the prior written approval of BARC.

(K M Danny)

SO/F,RMD

ANNEXURE 1 (for tender NFG/RMD/KMD/MF/2018/186203)

SCOPE

Fabrication, supply, installation, testing and warranty of process gas supply system consisting of:

1. S.S Manifold For Argon Gas Cylinders 15/15 With line cutoff valve, Gauges & Regulator
2. S.S Manifold For Argon & Hydrogen Gas Cylinders 15/15 With line cutoff valve, Gauges & Regulator
3. S.S Manifold with suitable expansion joints for Liquid Argon tank 2/2 With line cutoff valve, Gauges and Regulator
4. Copper Pipe Line (15 mm dia and 0.9mm thick)
5. Safety valves
6. S.S Pigtail for Manifold: 62 nos.
7. MS Stands and Painting as per colour coding for process gas

S. No.	Item/Description	Quantity	Unit
1.	SS 316 Square Size 50mm X 60mm And SS Pipe Size 1/2" Scheduled 80, Argon Welding, Point (17+1+17) =35 No, Fitting point for 1Nos For Regulator Fitting 34 Nos. For Cylinder To Inlet Manifold Connection (Isolation Valve Make : Tekno Suitable For : Argon Gas	1	set
2.	Diffusion Resistant SS 316 Single stage Regulator-Medium Delivery Pressure Inlet Pressure Gauge : 0-280 kg/cm ² with SS 316 Baumer Make (50 mm dia) Outlet Pressure Gauge : 0-16 kg/cm ² with SS 316 Baumer (50 mm dia) Max. Inlet Pressure : 210 kg/cm ² g Outlet Pressure Range: 0.1-12 kg/cm ² g Inlet Connection : SS 316 & to Suit Gas Cylinder Outlet as per IS3224 Outlet Connection : 1/4" SS 316	1	set

	Compression Fitting		
3.	Diffusion Resistant SS 316 Single stage Regulator-Medium Delivery Pressure Inlet Pressure Gauge : 0-280 kg/cm ² with SS 316 Baumer make (50 mm dia) Outlet Pressure Gauge : 0-7 kg/cm ² g with SS 316 Baumer (50 mm dia) Max.Inlet Pressure : 210 kg/cm ² Outlet Pressure Range: 0.1-7 kg/cm ² g Inlet Connection : SS 316 & to Suit Gas Cylinder Outlet as per IS3224 Outlet Connection : 1/4" SS 316 Compression Fitting	1	set
4.	SS HIGH PRRSURE Fully Safety Flexible Hose 1 m Long With Both Side Nut & Bullnose for Argon gas Cylinder	32	number
5.	1/4" NRV (Non Return Valve)	32	number
6.	Manifold Holding Bracket	1	set
7.	Cylinder Holding Bracket	32	set
8.	SS 316 Square Size 50mm X 60mm And SS Pipe Size 1/2" scheduled 80, Argon Welding, Point (2+1+2) =5 No, Fitting point for 1 Nos For Regulator Fitting 4 Nos For cylinder To Inlet Manifold Connection (Isolation Valve Make : Tekno Suitable For : Argon Gas	1	set
9.	Diffusion Resistant SS 316 Single stage Regulator-Medium Delivery Pressure Inlet Pressure Gauge : 0-42 kg/cm ² with SS 316 Baumer (50 mm dia) Outlet Pressure Gauge : 0-16 kg/cm ² with SS 316 Baumer (50 mm dia) Max. Inlet Pressure : 20 kg/cm ² Outlet Pressure Range: 0.1-7 kg/cm ² Inlet Connection : SS 316 & to Suit Gas Cylinder Outlet as per IS3224 Outlet Connection : 1/4" SS 316 Compression Fitting	1	set
10.	SS HIGH PRRSURE Flexible Hose 3 Mtr Long With Both Side Nut & Bullnose for Argon gas Cylinder	4	set
11.	Manifold Holding Bracket Suitable for Liquids Gas Manifold	1	set
12.	4" Dial SS Pressure Gauge	6	number
13.	1/2" SS Pressure Gauge Tee	2	number
14.	1/2" OD SS Tube	6	set
15.	1/2" Ball Valve Assembly	1	set
16.	Tagging For Mixture Gas & Argon	50	set
17.	Miscellaneous Fittings Like Nut Bolts , Anchor Fasteners Etc	1	lot
18.	Installation	1	lot

The scope of the work involves complete installation, testing and warranty of the process gas supply system at site i.e. RMD, BARC, Trombay. The entire work mentioned in the scope shall be completed within **30 days** of receipt of the Work Order.