

**NATIONAL INSTITUTE OF HYDROLOGY  
ROORKEE**

Dated: Apr 19, 2023

**SUB: Minutes of the Pre-bid Meeting for the purchase of Dual Inlet Isotope Ratio Mass Spectrometer held on 19/04/2023 at NIH Roorkee**

**REF: Tender # NHP/NIH/DIIRMS/2023, dated 24/03/2023**

The following committee constituted by the competent authority for holding the pre-bid meeting for Dual Inlet Isotope Ratio Mass Spectrometer (DIIRMS) met on 19/04/2023 at 11:00 AM in Manthan Hall of National Institute of Hydrology, Roorkee:

1. Dr. Surjeet Singh, Sc. G
2. Dr. Bhisim Kumar, Ex Scientist of NIH, & Expert (IAEA, Vienna)
3. Dr. Mukesh Sharma, Sc. F
4. Dr. SS Rawat, Sc. F
5. Ms. Anjali, Sc. C
6. Mr. Kamal Sharma, Admn. Officer (Representative of Finance Officer)
7. Mr. Vishal Gupta, SRA

The following three representatives of two firms attended the pre-bid meeting:

1. Mr. Raj Kumar Kashyap, M/s Orbit Technologies Pvt. Ltd., New Delhi
2. Mr. Paras Srivastava, M/s Orbit Technologies Pvt. Ltd., New Delhi
3. Mr. Gaurav Kothiyal, M/s Elementar India Pvt. Ltd., Gurugram

Observations/Suggestions of both the firms have been discussed in detail and decision taken by the committee are given below:

Sl.	Tender Specifications	Observations/Suggestions	Decision
1	The system should be supplied with suitable advanced PC to operate the instrument along with Laser Printer	Provide Technical specifications for PC & Laser Printer	<b>Minimum Configuration of PC</b> -Windows 10 Operating System or better -12th Gen i7 quad core 3.2GHz or better -16 GB RAM or better -Minimum 1TB SSD -USB keyboard and optical mouse -24 inch LED <sup>Col.</sup> monitor -All other necessary hardware, software, I/O ports for routine operation of equipment

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19/4/23

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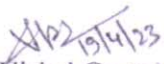
			<b>Minimum specifications of Laser Printer:</b> -Monochrome LaserJet MFP -Compatible with Windows Operating System -Print speed Monochrome: 20 ppm or higher -Supports Dual Sided Printing -Wi-Fi & USB
2	Sufficient onsite training should be provided at NIH Roorkee covering operational aspect of instrument, usage of software for sample analysis. Followed by 2-weeks advanced training on application aspects, maintenance, troubleshooting etc. for 3 persons at the principal's factory/application lab/training center without any additional cost.	Advanced training should be at OEM factory/application lab/training centre situated in Abroad.	Sufficient onsite training should be provided at NIH Roorkee covering operational aspect of instrument, usage of software for sample analysis. Followed by 2-weeks advanced Hands-on training on application aspects maintenance, troubleshooting etc. for 3 persons at the principal's factory without any additional cost.
3	Vendor must have 5 or more currently operational IRMSs in India with a detailed customers list with their contact details, failing which offer will be rejected. NIH reserves the rights to verify the performance of their system during technical evaluation.	M/s Orbit Technologies suggested to amend it to 2-3 operations IRMS's in India	Amendment denied by the committee. Tender specifications will prevail.
4	On page no. 107 of the bid document, tender asks for the separate prices for Hokko coil and other items such as AMC. However, there is no provision in the BOQ to share these prices.	Both firms during discussion requested to amend the BOQ or explore any other suitable way to resolve this problem. Also clarify the inclusions of items in financial evaluation.	Amendment in BOQ denied by the committee, however it was decided that bidder should submit detailed breakup of cost matching to BOQ in separate sealed envelope as per revised Schedule of Requirements as per Annexure-1

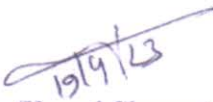
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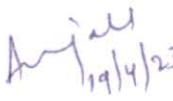
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5	On page no. 66 of the bid document under point no. 1 and ii under financial capability there are criteria mentioned for the bidder.	Both firms during discussion requested to modify this to bidder/OEM	Suggestion accepted by the committee. Financial capabilities of bidder/OEM will be considered.
6	<b>Payment Terms:</b> <b>i. On delivery:</b> 75% upon submission of documents specified in GCC Clause 13.1 <b>ii. On Installation:</b> 20% against 10% PBG supported by acceptance certificate issued by the Purchaser's representative. <b>iii. Balance:</b> 5% after six months of satisfactory performance.	Both firms requested for 90% payment upon submission of documents and 10% after successful installation and acceptance and submission of 10% PBG.	<b>Revised Payment Terms:</b> <b>i. On delivery:</b> 75% upon submission of documents specified in GCC Clause 13.1 <b>ii. On Installation:</b> 25% against 10% PBG supported by acceptance certificate issued by the Purchaser's representative.

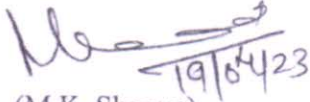
M/s Orbit Technologies Pvt. Ltd., New Delhi and M/s Elementar India Pvt. Ltd., Gurugram also agreed on above decisions. Therefore, submitted for approval of the competent authority.

  
(Vishal Gupta)  
SRA


  
(Kamal Sharma)  
A.O.

  
(Anjali)  
Sc. C

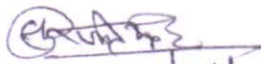
  
(S.S. Rawat)  
Sc. F

  
(M.K. Sharma)  
Sc. F

  
(Bhishm Kumar)  
Ex Scientist of NIH, & Expert (IAEA, Viena)

  
(Surjeet Singh)  
Sc. G

Submitted for approval please.

  
21/04/2023

Revised Schedule of Requirement

Sl.	Description of Dual Inlet Isotope Ratio Mass Spectrometer	Unit Price in sealed price bid matching to BOQ
1	Isotope Ratio Mass Spectrometer with essential accessories	
2	Dual-Inlet System with essential accessories	
3	Auto Sampler of around 100 samples with essential accessories	
4	Advanced Computer with Laser Printer	
5	Gas cylinders of CO <sub>2</sub> & Hydrogen 2 each along with Gas Regulators, Purification Panels, Gas lines etc. including installation & operation of DIIRMS for the analysis of Del 18 and Del D in water samples with the required precision.	
6	All necessary Software with update up to 10-years	
7	All necessary consumables (like vial, septa, filament etc.) for 20,000 samples	
8	Tools Kit & Maintenance kit for 2 years of operation	
9	Pt Catalyst/Hokko coils 200 Nos.	
10	Two years comprehensive onsite warranty	
11	Three years Annual Maintenance Contract (AMC) after the completion of the warranty	
12	Sufficient training at NIH Roorkee after installation followed by 2 weeks advanced training at principal's factory	

Remark: All above items will be considered for financial evaluation.

*Vishal Gupta*  
19/04/23  
(Vishal Gupta)  
SRA

*Kamal Sharma*  
19/04/23  
(Kamal Sharma)  
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*Bhishm Kumar*  
(Bhishm Kumar)  
Ex Scientist of NIH, & Expert (IAEA, Viena)

*Surjeet Singh*  
19/04/23  
(Surjeet Singh)  
Sc. G

Submitted for approval please. *Surjeet Singh*  
21/04/23



Welcome : surjeet.nihr@gov.in  
Last login : 25-Apr-2023 05:05 PM

Server Time : 26-Apr-2023 10:26:32  
Home Logout

eProcurement System Government of India

**TENDER MANAGEMENT**

**Master Management**

- Org Hierarchy Master
- View Internal Documents

**User Management**

- Debar User
- My Organisation Hierarchy
- My Accounts
- Create Department User
- User Transfer
- Reset Password
- Block Department User
- Blocked Department Users

**Tender Management**

- Create Tender / Tender List
- Publish Tender
- Published Tenders
- Seek Clarifications
- Pre-bid Meeting
- Downloaded Tenders
- Tender Status
- Archived Tenders
- Archived Clarification
- Stage 2 Create Tender / Tender List
- Stage 2 Publish Tender
- NDA Documents
- NDA Documents History
- Stage 2 Published Tender
- Sanction / Bill Generation
- Validate GeMARPTS ID

**Corrigendum**

- Create Corrigendum
- Publish Corrigendum
- Published Corrigendum

**Bid Opening**

- Tenders to be Opened

**Bid Evaluation**

- Technical Evaluation
- Financial Evaluation
- Short fall Documents
- Confirmatory Document
- AOC/Empanelment
- Short Fall Documents History
- Confirmatory Documents History

**Auction Management**

- Tender cum Auction
- Publish Auction
- Published Auction
- Create Auction Corrigendum
- Publish Auction Corrigendum
- Published Auction Corrigendum
- Freeze Auction
- View Live Auction

Work Item PreBid Meeting Document List → NHP/NIH/DIIRMS/2023 → Upload Documents

Tender Reference Number : NHP/NIH/DIIRMS/2023

Document Type PreBid Meeting Document

Description\*

Only pdf files are permitted to upload.

Document \*

(Please Delete Existing Document to Upload New Document)

**Work Item PreBid Meeting Documents**

S.No	Description	File Name	File Size (in KB)	Action	Delete
1	Minutes of Pre Bid Meeting	tech_prebid_786432.pdf	1024.80	Published	

Cancel