

TENDER DOCUMENT

For Providing Instruments to Establishment of Pharmacy & QC Laboratory, NRDR Section at Regional Ayurveda Research Institute, Jhansi.

Tenders in sealed cover are invited under two-bid system from manufacturers and their authorized dealers/distributors for providing Instrument in Pharmacy & QC Laboratory, NRDR Section as per the terms and conditions and other details given along with this tender document Pharmacy & QC Laboratory, NRDR Section at Regional Ayurveda Research Institute (RARI), Gwalior Road, Jhansi (U.P) - 284003

I N D E X

Sl. No.	Particulars	Page No.
1.	Basic information	3
2.	Tender Form	5
3.	Terms and Conditions	6-11
4.	Financial Bid	12
5.	Annexure –I – Declaration by the Bidder/tenderer	13
6.	Annexure II – Bidder information form	14
7.	Annexure III – Proforma for performance statement (For a period of three years)	15
8.	Annexure IV – Manufacturers Authorization Form	16
9.	Annexure V – Technical deviation statement form	17
10	Annexure VI- List of Instruments/Equipments & their Specifications	18-40
11	Annexure VII -Contract Agreement form (specimen attached)	41-42

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क्षेत्रीय आयुर्वेद अनुसंधान संस्थान

केन्द्रीय आयुर्वेदीय विज्ञान अनुसंधान परिषद, आयुष मंत्रालय, भारत सरकार

ग्वालियर रोड , झांसी (उत्तर प्रदेश)-284003

Regional Ayurveda Research Institute

Central Council for Research in Ayurvedic Sciences
Ministry of AYUSH, Govt. of India

Gwalior Road, Jhansi (Uttar Pradesh) - 284003

Advertisement No.: RARI/JHS/2019-20/04

Date: 22/02/2020

TENDER NOTICE

[Tender for Providing Instruments in Pharmacy Sections in the Pharmacy & Quality Control Laboratory at Regional Ayurveda Research Institute, Jhansi.]

Basic Information

Tenders in sealed cover are invited under **two-bid** system from manufacturers and their authorized dealers/distributors for providing Instrument in Pharmacy & Quality control laboratory as per the terms and conditions and other details given along with this tender document for the Pharmacy & Quality Control Laboratory at Regional Ayurveda Research Institute(RARI), Gwalior Road, Jhansi (U.P) - 284003

Sl. No.	Description	Schedule
i.	Dates of sale of tender enquiry documents	24.02.2020
ii.	Place of sale of Tender Enquiry Documents	Regional Ayurveda Research Institute, Opposite to Govt. Ayurveda College, Gwalior Road, Jhansi – 284003 (U.P.).
iii.	Cost of the Tender Enquiry Document	INR 1,000/-
iv	Pre-bid Meeting Date & Venue	05.03.2020 11:00 am at RARI Jhansi
v	Closing date & time for receipt of Tender	16.03.2020 2.00hrsIST
vi	Time and date of opening of Technical Bid	16.03.2020 3.00 hrsIST
	Venue of Opening of Technical Bid	Same as I(ii)

2. Interested tenderers may obtain further information about this requirement from the above

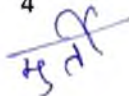
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office selling the documents. Tender Enquiry Documents maybe purchased on payment of non- refundable fee of INR1,000/-per set in the form of account payee Demand Draft drawn on a Nationalized/scheduled Bank in India, in favour of “Regional Ayurveda Research Institute” payable at Jhansi.

3. If requested, the Tender Enquiry Documents will be mailed by Registered Post/Speed Post to the tenderers for which extra expenditure per set will be INR 100/-for post. The tenderer is to add the applicable postage cost in the non-refundable fee mentioned in Para2above.
4. Tenderer may also download the tender enquiry documents from the website <http://eprocure.gov.in/cppp, www.ccras.nic.in> and submit its tender by utilizing the downloaded document, along with the required non-refundable fee as mentioned in Para 2 above.
6. Tenderers shall ensure that their tenders, complete in all respects, are dropped in the Tender Box located at Regional Ayurveda Research Institute, Opposite to Govt. Ayurveda College, Gwalior Road, Jhansi – 284003 (U.P.) on or before the closing date and time indicated in the Para1 above, failing which the tenders will be treated as late and rejected.
7. In the event of any of the above mentioned dates being declared as a holiday/closed day for the purchase organization, the tenders will be sold/received/opened on the next working day at the appointed time.
8. The Tender Enquiry Documents are not transferable.
9. All prospective tenderers may attend the Pre Bid meeting. The venue, date and time indicated in the Para 1above.
10. Bidders are requested to quote for all the items under Pharmacy & Quality Control Laboratory, NRDR Section instruments (As per Annexure VI) Bids will be evaluated on item wise basis. All bidders must quote accordingly & individually EMD Value also.

-Sd-

Dr. S. N. Murthy
Asst. Director I/C
RARI, Jhansi

4


TENDER FORM

Name of the firm/Agencies : -----

Full name, address and
Contact number of bidder : -----

Amount of tender document : D.D. No. -----date: / /

E.M.D. amount : D.D. No. -----date: / /

Name of the bank

Consignee Officer/Institute : Assistant Director In-charge, RARI, Jhansi.

GST No. :

PAN No. / Sale tax No. :

Authorized signatory name
And signature

Seal

Date:

Place:

5
32/2

TERMS AND CONDITIONS

A) Information and Conditions relating to Submission of Bids

1. The Purchaser has issued this Tender Enquiry Document (TE) for purchase of goods and related services as mentioned in **ANNEXURE VI-“List of Requirements”**. The tender document containing basic information, terms & conditions and draft agreement can be purchased from RARI, Jhansi on any working day from **24.02.2020 TO 16.03.2020 from 10.00 AM to 5.00 PM** on payment of non-refundable charges of Rs. 1000/- (Rupees one thousand only) or can be downloaded from CCRAS website www.ccras.nic.in and/or CPPP portal (www.eprocure.gov.in). Those who have downloaded the tender document from website or CPPP portal should enclose a Demand Draft of Rs. 1000/- (Rupees one thousand only) in favour of “Regional Ayurveda Research Institute, Jhansi”, payable at Jhansi, along with their bid.
2. **The interested firms/suppliers are required to submit their bids prepared in three parts and shall comprise the following components:** a) **Part I: The signed tender form along with the tender form fees shall be kept in separate envelope. Annexure I, II, and III which are related with the bidders’ information shall be kept in this sealed envelope.** b) **Part II (Technical bid): The technical details of the equipment along with manufacturer authorization form (Annexure IV) and technical deviation statement form (Annexure V) shall be kept in this sealed envelope super scribed as ‘Technical Bid’. This envelope shall also contain the bid security amount (E.M.D).** c) **Part III: The financial bid in the prescribed format shall be kept in a separate sealed envelope super scribed as ‘Financial Bid’. The name of the equipment and the vendor shall be written clearly on the each envelope.**

The details of the tender date of opening and name and address of the firm shall be written on each envelope. All the three sealed envelopes shall be placed in a third sealed cover, duly superscripted “Bid for providing Instruments in Pharmacy and Quality Control Laboratory” along with the name and address of bidder, advt. number and date of tender opening. The envelope should be addressed to ‘The Assistant Director I/C, Regional Ayurveda Research Institute, Opposite to Govt. Ayurveda College, Gwalior Road, Jhansi – 284003 (U.P.).’ If sent by post the tender should reach **RARI, Jhansi on or before 02.00 PM on 16.03.2020** or tender should be submitted in the tender box placed at Regional Ayurveda Research Institute, Gwalior Road, Jhansi – 284003 (U.P.).
3. Part I shall be opened on **16.03.2020 at 03.00 PM at RARI, Jhansi** in presence of the bidders or their authorized representatives who choose to remain present. Part II (Technical Bid) of the firms having sufficient experience for supply and installation of major scientific equipments shall only be opened. The representatives of the bidders who wish to attend the tender opening need to bring an authorization letter from the authorized signatory of the bidder. Financial bids of only technically qualified bidders shall be opened in presence of bidders/agencies or their authorized representatives. The date of opening of financial bid will be communicated later by email/telephonically. The tenders received after due date and time will be rejected and no claim shall be entertained whatsoever may be the reason.

4. All the duly filled/completed pages of the tender should be given serial/ page number on each page and signed by the owner of the firm or his Authorized signatory. In case the tenders are signed by the Authorized signatory, a copy of the power of attorney/authorization may be enclosed along with tender. A copy of the terms & conditions shall be signed on each page and submitted with the technical bid as token of acceptance of terms & conditions.
5. Tender with unsigned pages/incomplete/partial/part of tender if submitted will be rejected out rightly.
6. All entries in the tender form should be legible and filled clearly. If the space for furnishing information is insufficient, a separate sheet duly signed by the authorized signatory may be attached. No overwriting or cutting is permitted in the Technical Bid as well as in Financial Bid unless authenticated by full signature of bidder. Any omission in filling the columns of Financial Bid form (Schedule of Rates) shall debar a tender from being considered. Rates should be filled up carefully by the bidder. All corrections in this schedule must be duly attested by full signature of the bidder. The corrections made by using fluid and overwriting will not be accepted and tender would be rejected.
7. **The bidder shall pay the amount of Bid Security (E.M.D.) along with the Technical Bid by Demand Draft (D.D.) in favour of "Regional Ayurveda Research Institute, Jhansi" drawn on any Nationalized Bank/ Scheduled Bank and payable at Jhansi and must be valid for 3(three) months. In case the validity of D.D. less than three months, it must be revalidated by the supplier at its own cost. Bids received without Earnest Money deposit (E.M.D.) shall stand rejected and thus shall not be considered for evaluation, etc. at any stage.**
 - a) The Public Sector Undertaking of the Central/State Govt. are exempted from furnishing Earnest Money along with tender.
 - b) The firms Registered with DGS & D/SSI and any approved source of Centre/States Govt. are not exempted from furnishing Earnest Money in so far as this institute is concerned.
8. The bid security (E.M.D.) without interest shall be discharged/returned to the unsuccessful bidders as promptly as possible after the expiration of the period of bid validity or placement of order whichever is later. The successful bidder's bid security will be discharged upon the bidder furnishing performance security.
9. **The successful bidders has to constitute a contract on Indian non judicial stamp paper of Rs.1000/- (Rupees one thousand only) and also required to furnish the performance security @ 10% of contract value in the form of Fixed Deposit Receipt or Bank Guarantee, for a period of 36 months, of any nationalised bank in favour of "Regional Ayurveda Research Institute, Jhansi" payable at Jhansi only. After 36 months the vendor is required to submit Fixed Deposit Receipt or Bank Guarantee equivalent to 2.5% of the quoted price for the CMC period of three years. The E.M.D. deposited by successful bidder may be adjusted towards Security Deposit as demanded above. If the successful bidder fails to furnish the full performance security or difference amount between performance security and E.M.D. within 21 (twenty one) days after the issue of purchase order, his/her bid security (E.M.D.) shall be forfeited unless time extension has been granted by A.D. I/C, RARI, Jhansi. The performance security will be discharged by the purchaser and returned to the supplier not later than 60 days following the date of completion of the supplier's performance obligations, including warranty obligations, unless specified otherwise in the contract, without levy of any interest. The period of extended**

- warranty shall be two years and & CMC for three years of this equipment after expiry of extended warranty period (including spares, visits and maintenance charges).
10. The order confirmation should be received within 15 days from the date of notification of the award. However, the purchaser has the powers to extend the time frame for submission of order confirmation and submission of performance security. Even after extension of time, if the order confirmation or performance security is not received, the contract shall be cancelled and next firm in the tender shall be invited after forfeiting the bid security of the defaulting firm. Suitable action shall be taken against the defaulting firm/s.
 11. Warranty for support spare part shall be as per the manufacturer's information. Performance security shall be negotiated for these items with the qualified bidders. However the bidders may quote suitably for warranty period.
 12. **The E.M.D. shall be forfeited if successful bidder fails to supply the equipment within 120 (one hundred and twenty) days of purchase order or fails to comply with any of the terms & conditions of the contract or fails to sign the contract. In case of successful bidder, if the bidder fails to furnish order acceptance within 15 days of the order and / or fails to sign the contract and / or fails to furnish performance security within 21 days from the date of contract/order.**
 13. The bid shall be valid and open for acceptance of the competent authority for a period of 180 (one hundred eighty) days from the date of opening of the tenders and no request for any variation in quoted rates and /withdrawal of tender on any ground by bidders shall be entertained.
 14. To assist in the analysis, evaluation and computation of the bids, the competent authority, may ask bidders individually for clarification of their bids. The request for clarification and the response shall be in writing but no change in the price or substance of the bid offered shall be permitted.
 15. After evaluation, the order shall be awarded normally to the agency fulfilling all the conditions and who has quoted the lowest rate as per financial bid after complying with the all the Acts / provisions stated /referred to for adherence in the tender.
 16. **In case of tenderers quoting for more than 01 (one) item, the prices for the quoted items should be submitted in separate sealed covers (financial bid envelope).**

B) Other Terms and Conditions of the Tender

1. All the rates should be mentioned in Indian national currency (INR) only.
2. Rates quoted should be inclusive of all applicable taxes, levies, freight, packing, forwarding, postage insurance, delivery and installation at RARI, Jhansi.
3. In case of imported items / equipments the rates should be quoted in the light of exemptions enjoyed by research institutions, otherwise Bid will be considered as invalid. The Institute (Council) is registered with Department of Scientific & Industrial Research (DSIR) for the purpose of availing custom duty exemption and the necessary certificates/forms can be issued by the Institute.
4. Rates should be mentioned both in figures and in words. The offer should be typed or written in Ink Pen/Ball Pen without any correction. Offers in pencil will be cancelled. Telegraphic/ Telex/ Fax offers will not be considered and cancelled straightaway.

5. If the price of the contracted articles is/ are controlled by the Government, in no circumstances the payment will be higher than the controlled rate.
6. Tender will be regarded as constituting an offer open to acceptance in whole or in part at the discretion of the competent authority of the institute for a period of 180 days (6 months) valid from the date of opening of the tender by the committee.
7. The time for the date of delivery/ dispatch stipulated in supply order shall be deemed to be essence of the contract and if the supplier fails to deliver or dispatch any consignment within the period prescribed for such delivery or dispatch in the supply order, liquidated damages may be deducted from the bill @ 0.5% per week subject to maximum of 10% of the value of the delayed goods or services under the contract. The competent authority of the institute may also cancel the supply. In such a case, bid security of the supplier shall stand forfeited.
8. In case the quality of goods supplied are not in conformity with the standard given in tender and as per the samples supplied or the supplies are found defective at any stage these goods shall immediately will be taken back by the supplier and will be replaced with the tender quality goods, without any delay. The competent authority reserves all rights to reject the goods if the same are not found in accordance with the required description /specifications and liquidated damages shall be charged.
9. In case the bidder to whom the supply order has been placed, fails to make supplies within the delivery schedule and the purchaser has to resort risk purchase, the purchaser (RARI, Jhansi) may recover from the bidder the difference between the cost calculated on the basis of risk purchase price and that calculated on the basis of rates quoted by bidder. In case of repeated failure in supplying the order goods, the supply order may be cancelled and bid security deposit will be forfeited.
10. Where the specifications are as per bidder's range of product & bidder's offer should mention that the item meets all specifications as per the tender enquiry and if there are improvements/deviations the same should be brought out on separate Letter Head of the firm. It would be discretion of the competent authority of the institute to accept or reject such deviations which are not in accordance with our required specifications as per given in **Annexure - V**.
11. **It must be mentioned clearly whether bidder is a manufacturer/sole distributor/sole agent for the items for which he is quoting. Assemblers of Equipments are not eligible to participate in tender.**
 - a. **Manufacturer** must add a certificate of original equipment manufacturer (OEM) and item(s) manufactured by them as per range of products.
 - b. **Sole Distributor** must add a certificate that they are the sole distributor of the Item for which they are quoting in this tender enquiry & item is /are their proprietary Item in India. The rate certificate is also required from the sole distributor that the rates quoted are the same as they quote to other State/Central Govt./reputed Private Organisation and DGS&D rate for the similar item(s) and these are not higher than those quoted by them.
 - c. **Authorized agents** must add authority letter from their Manufacturer/ Principals on the letter head of the manufacturer/principals in proforma given in Annexure- IV duly supported by an undertaking that they are quoting Rates on behalf of them. The authorization letter must give/mention the purpose for which it is allowed. The validity period of the authorization letter must be mentioned in the authority letter otherwise tender will be liable to rejection.

12. **Performance Certificate:** A Certificate about satisfactory performance & quality of after sales service of the equipment duly authenticated by the HOD/MS of the institution must be furnished as per Annexure III. Installation report/user list will not be considered as Performance Certificate.
13. The Tenderers should furnish a copy of GST registration number of State / U.T. and the date of such registration. Tenders not complying with this condition will be rejected.
14. The Tenderers should submit along with the tender, a photocopy of the Income Tax return of last three years otherwise tender may be ignored.
15. Full description & specifications, make/brand and name of the manufacturing firm must be clearly mentioned in the tender failing which the tender will not be considered. The bidder must also mention whether the goods are imported / indigenous. Descriptive literature / catalogues must be attached with the tender in original failing which tender may be ignored.
16. Any failure or omission to carryout of the provisions of this supply by the supplier shall not give rise to any claim by supplier and purchaser one against the other, if such failure or omission arise from an act of God which shall include all acts of natural calamities from civil strikes compliance with any status and or requisitions of the Government lockout and Strikes, riots, embargoes or from any political or other reasons beyond the suppliers control including war (whether declared or not) civil war or state of incarceration provided that notice of the occurrence of any event by either party to the other shall be within two weeks from the date of occurrence of such an event which could be attributed to *force majeure*.
17. **Payment terms:** No advance payment will be provided by the Institute.
 - i) 80% payment against certification of receipt of material in good condition, installation and due certification of the concerned authority and
 - ii) Balance 20% after test run, within a month.
18. The Courts at Jhansi alone and no other Court will have the jurisdiction to try the matter, dispute or reference between the parties arising out of this tender/ supply Order/contract.
19. **Bidder shall quote for complete extended warranty for 2 (two) years and CMC for 3 (three) years of this equipment after expiry of extended warranty period (including spares, visits and maintenance charges). Financial bid should be quoted accordingly. In this regard, the Bidder shall submit an undertaking on Company's letterhead that they will provide extended warranty for 2 (two) years & CMC for next 3 (three) years of this equipment. The warranty shall start from the installation of goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination. During the period of warranty, extended warranty and CMC (03 years) the supplier shall ensure the functioning of the equipment and supply of parts. The warranty charges shall NOT be quoted separately.**
20. If at any time, any question, dispute or difference whatever shall arise between supplier and the institute (Purchaser) upon or in relation to or in connection with the agreement, either of the parties may give to the other notice in writing of the existence of such a question, dispute or difference and the same shall be referred to two arbitrators one to be nominated by the institute (Purchaser) and the other to be nominated by the supplier. Such a notice of the existence of any question dispute or difference in connection with the agreement shall be served by either party within 60 days of the beginning of such dispute failing which all Rights and claims under this Agreement shall be deemed to have been forfeited and absolutely barred. Before proceeding with the reference the arbitrators shall appoint/nominate an umpire. In the event of the arbitrators not agreeing in their award the Umpire Appointed by them shall enter upon the reference and his

- award shall be binding on the Parties. The venue of the arbitration shall be at Jhansi, (Uttar Pradesh, India). The arbitrators/Umpire shall give reasoned award.
21. Bidder should ensure and give an undertaking with technical bid that spare parts and consumables for these equipments/instruments will be available and rates will be reasonable for next 10 (ten) years.
22. **Penalty clause:**
- a) The maximum amount of liquidated damages shall be 5% of the contract price. Once the maximum penalty clause is reached, the purchaser may consider termination of the contract pursuant to clause on Termination for default.
- b) The bidder shall provide equipment uptime guarantee of 95% during the warranty period. The bidders are liable for downtime penalty in case of equipment being out of order. During the warranty period, desired uptime is 95% of 365 days (24 hours), if downtime exceeds 5%, penalty in the form of extended warranty, double the number of days for which the equipment goes out of service will be applied. In no case the equipment instrument should remain in non-working condition for more than 07 days during the warranty period, beyond which a penalty of 0.5% of machine cost will be charged per day. Such penalty status shall be communicated to the supplier by the purchaser. The penalty amount, if any, shall be deposited by supplier in form of D.D. in favour of 'Regional Ayurveda Research Institute, Jhansi' payable at Jhansi only.
23. **Demonstrations and post-contract training:** In case asked, bidder must personally give the demonstration of the equipments/Instruments to the competent authority of the institute and in that case all the expenses will be borne by the supplier. After award of the work, training of equipments within the stipulated time should be done by the supplier at his cost. The time and place of training shall be stipulated by the purchaser. Training should be of 2 scientists and 2 technicians of user department.
24. The Assistant Director In charge, RARI, Jhansi reserves the right to cancel/annul the tendering process at any stage without assigning any reason. No communications in this regard will be entertained.

I / We hereby accept the terms and Conditions given in the tender.

(Signature & Stamp of the bidder)

Note: Please sign each page of document including terms & conditions & tender.

FINANCIAL BID

For Providing Instruments In Pharmacy Section At RARI, Jhansi.

(In sealed Cover-III super scribed "Financial Bid")

To,
The Assistant Director I/C
RARI, Jhansi.

Dear Sir,

Our quoted rate for supplying the instruments in pharmacy section at RARI, Jhansi will be as follows:

Name of Equipment/ Instrument	Unit Price of the equipment (In Rs.)	Price With extended warranty of 2 years (In Rs.)	Price for CMC for 3 years after completion of extended warranty of two years (In Rs.)			Final (Total) cost of the instrument (In Rs.)
			3 rd year	4 th year	5 th year	

The above quote should include all applicable taxes and F.O.R. Regional Ayurveda Research Institute, Jhansi.

(Signature & Stamp of the Bidder/Tenderer)

[The format of Financial Bid may be printed on the letter head of the company or firm.]

Note: In case of tenderers quoting for more than 1(one) item, the prices for the quoted items should be submitted in separate sealed covers in financial bid.

Declaration by the Bidder/tenderer

I,.....daughter/son/wife of
Shri.....Proprietor/Partner/Director/
Authorized Signatory of Competent to sign this declaration and
execute this tender document.

I/we have carefully read and understood all the terms and conditions of the tender
No..... Dated:...../...../2019 and here by convey my/our acceptance of the same.
The information / documents furnished along with the above application are true and authentic to the
best of my knowledge and belief.

This is to certify that I/We before signing this tender have read and fully understood all the
terms and conditions contained in Tender document regarding purchase of equipment/Instruments in
Pharmacy Section for RARI, Jhansi. I/we agree to abide them. I /we, am/are well aware of the fact that
furnishing of any false information/fabricated document would lead to rejection of my tender at any
stage besides liabilities towards prosecution under appropriate law. No other charges would be
payable by Client and there would be no increase in rates during the Contract period.

Date:

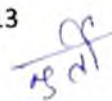
Signature of bidder/tenderer

Place:

Name:

Seal:

Designation:



Bidder information form

[The bidder shall fill in this form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:

Tender no.

1. Bidder's Legal Name:
2. In case of JV, legal name of each party:
3. Bidder's actual or intended Country of registration:
4. Bidder's year of registration and registration details along with name of registering authority:
5. Bidder's legal address in country of registration:
6. Bidder's actual turnover details for past 03 years:

Year	Turnover (in Rs.)
2016-17	
2017-18	
2018-19	

7. Bidder's Income Tax return details for past 03 years:

Year	Income Tax paid (in Rs.)
2016-17	
2017-18	
2018-19	

8. Quality assurance certificate like ISI, ISO-9002, IP/BP or any other (Please specify)
9. Bidder's authorized representative information

Name:

Address: Telephone, Mobile/Fax Numbers:

Email address:

(Attach certified copies of the relevant documents giving details of page numbers for easy reference.)

ANNEXURE-III

Proforma for performance statement (For a period of three years)

Tender No.
Date of opening:
Name of the bidder:

S.N.	Order placed by (Full address of the purchaser)	Order No. and date *	Description and quantity of the ordered equipment	Date of completion of delivery as per actual contract **	Remarks indicating reasons for late delivery	Has the equipment been satisfactorily functioning (Attach certificate from purchaser/consignee)***

Note:

Entries without proof shall be rejected.

*Attach order copies for proof.

** Attach proof of date of delivery of equipment.

***Attach certificate of installation and successful working of the equipment.

(Signature & seal of the tenderer/bidder)

Manufacturers Authorization Form

To,

The Assistant Director I/C
RARI,
Jhansi.

Respected Sir,

Authority letter against Tender No. _____ due on _____ item
quoted _____

We, M/s _____, who are established & reputed manufacturers
of _____ having factory/office at _____ &
hereby authorize M/s _____

_____ (Name & address of agent) to bid, negotiate & conclude the contract with
your institution against above tender for the above goods manufactured by us.

We hereby extend our full guarantee/warranty as per Clause at S. No. 19 of the Other Terms &
Conditions of tender for the goods offered for supply against this invitation of bid from the above
firm. We also confirm that we will **provide complete extended warranty for 2 (two) years & CMC
for 3 (three) years** after expiry of extended warranty of this equipment. Also we will provide spares
and other consumable items for at least 3 years after complete warranty/CMC/AMC for next 2 (two)
years of these equipments at reasonable price.

Our other responsibilities include:

1. Information regarding the name of new agent, in case of change of agent
2. _____ (Here specify in detail manufacturer's
responsibilities)

The services to be rendered by M/s----- are as under

1. _____
2. _____

(Here specify the services to be rendered by the agent)

Yours faithfully,

(Signature & Name of manufacturer with address & seal)

*Note: This letter of authorization should be on the letter head of the manufacturing concern & should
be signed by a person competent & having the authorization to issue the said certificate on behalf of
the manufacturing firm. The said certificate should also bear the signature of participating bidder as
a witness.*

Technical Deviation Statement Form

Tender No.
Name of the bidder/tenderer:

Date of opening:

To,

The Assistant Director I/C
RARI,
Jhansi.

Respected Sir,

Following are the particulars of the deviations from the requirements of the tender specifications:

S. N.	Clause of specification	Deviation	Remarks including justification of consideration for the tender

Date:
Place:

(Signature & seal of the tenderer/bidder)

[Note: Where there is no deviation, the statement should be returned duly signed with an endorsement indicating "No Deviations".]

PART I
List of Instrument for Pharmacy Section

Table No-1 Details of items and their tentative quantity

Sr. No	Name of machine/Equipment	Quantity required	Technical Specification	E.M.D. Cost Rs.
1.	Angle racks	35	Annexure VI	25000
2.	Pulper machine	1	Annexure VI	15000
3.	Storage containers	25 kg – 20; 50 kg – 10, 100 kg: 5, 500kg- 2	Annexure VI	7500
4.	Pulverizer - Jupiter (hammer mill)	1	Annexure VI	25000
5.	Sieve Shaker (Sifter)	1	Annexure VI	7500
6.	Electric hot air tray dryer (24 Tray)	1	Annexure VI	10000
7.	Vibrio sifter	2	Annexure VI	15000
8.	Pills machine	1	Annexure VI	7500
9.	Tablet compression machine	1	Annexure VI	37500
10.	Mass mixture	1	Annexure VI	10000
11.	Edge runner	1	Annexure VI	12500
12.	Electric hot air tray dryer (12 Tray)	1	Annexure VI	10000
13.	Jar mill	1	Annexure VI	12500
14.	Octagonal blender	1	Annexure VI	12500
15.	Semi automatic Auger filling machine	1	Annexure VI	12500
16.	Single pouch filling machine	1	Annexure VI	22500
17.	Blister Packing machine with PVDC roll	1	Annexure VI	37500
18.	Steam operated double jacketed closed Pan (500 Lt)	1	Annexure VI	15000
19.	Steam operated double jacketed closed Pan (200 Lt.)	1	Annexure VI	12500
20.	Bottle sealing machine	1	Annexure VI	8750
21.	Batch mix cooker	1	Annexure VI	25000
22.	SS kadhai	1	Annexure VI	12500
23.	Storage vessel Pan	2		7500
24.	Boiling pan and related accessories	3	Annexure VI	25000
25.	Horizontal Electrical Programmed Muffle Furnace	1	Annexure VI	17500

26.	Jar mill	2	Annexure VI	25000
27.	Electric hot air Tray dryer (12 tray)	1	Annexure VI	10000
28.	Edge runner	1	Annexure VI	12500
29.	Sieve sifter	1	Annexure VI	7500
30.	Programmed muffled furnace	1	Annexure VI	17500
31.	Jar mill/Ball Mill	1	Annexure VI	12500
32.	Electric hot air Tray dryer (12 tray)	1	Annexure VI	10000
33.	Edge Runner	2	Annexure VI	25000
34.	Sieve sifter	1	Annexure VI	7500
35.	Vati pills making machine/Vati Roller	1	Annexure VI	7500

PART II
List of Instrument for QC Laboratory Section

Table No-2 Details of items and their tentative quantity

Sr No	Name of the Equipments/Instruments	tentative quantity	Technical Specification	EMD Value Rs
1	ICP-OES + Microwave Digester	01	Annexure VI	175000

PART III
List of Instruments for NRDR Section

Table No-2 Details of items and their tentative quantity

Sr No	Name of the Equipments/Instruments	tentative quantity	Technical Specification	EMD Value Rs
1	Stability Chamber	02	Annexure VI	25000
2	Fume Hood	01	Annexure VI	10000
3	Deep Freezer	04	Annexure VI	10000

Technical Specification

Technical Specification of the Machinery and Instruments/Equipments required for Establishment of Pharmacy & QC Laboratory at RARI Jhansi.

Sr. No	Name of machine/Equipment	Technical Specifications	Quantity required
Pharmacy Section			
1	Angle racks	Load Capacity per layer: 150-200 kg Layers per rack: 5 Type: angle frame MOC: SS 304 (GMP grade) Usage: Storage of raw, finished material in pharmacy Specifications: <ul style="list-style-type: none"> • Angle thickness: 5 mm • Shelves thickness: 4 mm • Length (span) – 4ft • Width – 30 inches • Depth : 30 inches 	35
2	Pulper machine	GMP compliance model suitable for extraction of pulp from herbs like AMLA Capacity: 100 kg per hour MOC : Contact parts SS 316; Non contact parts SS 304 Dimension – 3ft (Length) X 4ft (Height) X 2 ft (Width) Sieve hole size: 3mm Sieve sheet thickness: 2 mm Motor – 3HP Motor make: Siemens/ABB/Crompton Teflon beater fixed on SS 316 strip Duplex filter of capacity 100 kg per hour MOC : Contact parts SS 316; Non contact parts SS 304 Sieve hole size: 3mm Sieve sheet thickness: 2 mm Roto pump / lobe pump of capacity 100 kg per hour MOC : Contact parts SS 316; Non contact parts SS 304 Accessories: <ul style="list-style-type: none"> • Interconnected pipeline (dairy pipe) of size 2 inches with valves • Storage vessel of 500 litre capacity (SS 316) with stand and valve (Stand height 750 mm, outlet valve 4 inches flush bottom type) • IQ/OQ/PQ/DQ documents required 	1

3	Storage containers	<p>Stainless Steel Vessels MOC: contact part SS 316, non contact parts SS 304 With openable lid Standard size, make & quality GMP compliance Leg height: 750 mm with bottom butterfly valve of 3inch (for 500 kg capacity containers only) Volume: 25 /50/100/500 kg (lts)</p>	<p>25 kg – 20; 50 kg – 10, 100 kg: 5, 500kg-2</p>
<u>POWDER SECTION</u>			
4	Pulverizer - Jupiter (hammer mill)	<p>Capacity: 25 kg per hour MOC: Contact parts SS 316; Non contact parts SS 304 Cyclone type Output material/Sieve size: 60 mesh With replaceable sieve arrangements Motor: Siemens/ABB/Crompton Control panel GMP Model IQ/OQ/PQ/DQ documents required</p>	1
5	Sieve Shaker (Sifter)	<p>Diameter: 24 inches 1. Specially designed vibratory motor to run on 415 V, 3 phases, 50 cycles electric supply with adjustable eccentric weight at the centre of the base plate of screening 2. Screening unit consists of SS 316 screens sandwiched between SS 316 hopper and bowl with help of special clamp with gasket. This in turn is clamped to the base plate MOC: All contact parts SS 316, Non-contact parts SS 304 Discharge Height – 700mm Charging Height – 1265mm Sieves: Mesh size: 20,40, 60,80, 100 (2 pieces each) Motor: Siemens/ABB/Crompton DOL starter, with SS cover (Non FLP) Magnetic Grill for Shifter Outlet Lead Free GMP Screens - White Neoprene molded GMP model IQ/OQ/PQ/DQ documents required</p>	1
<u>TABLET SECTION</u>			
6	Electric hot air tray dryer	<p>Loading capacity: 24 trays It is complete made out of S.S.316 quality 1.5 mm thickness sheet from inside and outer body made out of S.S.304 quality 1.5 mm thickness sheet it is provided with S.S. Fan, S.S. Zali, and White Neoprene Food Grade Gaskets & S.S.Electric Heater. It is insulated with rock wool insulation and suitable for 120 C temperatures.</p>	1

		<p>Tray will be accommodated in the dryer with inbuilt support Angle. It is also provided with the following.</p> <ol style="list-style-type: none"> a. 1 No. Motor. – make ABB/Siemens/Crompton b. 1 No. S.S. Fan. c. Inlet Air Filter. d. Manual Damper to control the air. e. Control Panel (Non FLP) Consists of <ul style="list-style-type: none"> - Digital Temp. - Controller, - Timer, - Fuses Contactor, - Relay, - Indication Lamp, - Main On-Off etc. - Digital temperature controller <p>Inner Dimension – approx. 1000mm(Depth)X1000mm (Width)X1000mm (Height) Tray Size - Size: 16" x 32" x 1 ¼" Height x 18 swg Insulation – 65mm No of Doors: One No. of Blowers: One No. of Trolleys: two Contact part/non-contact parts: SS 316 / SS 304 Double walled body GMP compliance Housing, insulated with heavy rock wool With special U type heaters, air circulation fan, thermostat etc. IQ/OQ/PQ/DQ documents required</p>	
7	Vibrio sifter	<p>Diameter: 24 inches</p> <ol style="list-style-type: none"> 1. Specially designed vibratory motor to run on 415 V, 3 phases, 50 cycles electric supply with adjustable eccentric weight at the centre of the base plate of screening 2. Screening unit consists of SS 316 screens sandwiched between SS 316 hopper and bowl with help of special clamp with gasket. This in turn is clamped to the base plate <p>MOC: All contact parts SS 316, Non-contact parts SS 304 Discharge Height – 700mm Charging Height – 1265mm Sieves: Mesh size: 20,40, 60,80, 100 (2 pieces each)</p>	2

		<p>Motor: Siemens/ABB/Crompton DOL starter, with SS cover (Non FLP) Magnetic Grill for Shifter Outlet Lead Free GMP Screens - White Neoprene molded GMP model IQ/OQ/PQ/DQ documents required</p>	
8	Pills machine	<p>Motorized stick (Varti) Making Machine Output: 5 -10kg/hour (Depending upon Material and size of pills) To be able to make any size of pills from size 4mm to 12 mm. MOC: All contact parts SS 316, Non contact parts SS 304 With single set of change part</p> <p>Pills Cutting Machine: Output: 5-10 kg/hour (Depending upon Material and size of pills) To be able to make any size of pills from size 4mm to 12 mm. MOC: All contact parts SS 316, Non contact parts SS 304 With single set of change part Whole body of the machine is to be covered by S.S. and supplied with collecting trays.</p>	1
9	Tablet compression machine	<p>No. of Station - 16 Tooling type – D Tooling Max. Out put – 38400 Tablets Maxi.Operating pressure - 10 Tons Max. Tablet Dia – 25mm Maxi. Tablet Thickness – 8mm Power Consumption – max 3.7 Kwh Upper punch penetration – 3 – 6 mm Auto Lubricating - Yes PLC & HMI – Allen bradley / Proface Emergency stop - Required Mechanical clutch - Required Gravity feeder - Required VFD – Allen Bradley Vibro Deduster - Required Upper/ Lower pc Turret with ENLP - required MOC of Contact part – SS316 Safety guards & switches - Required Main Motor – ABB/Siemens/Crompton Turret RPM - 40 Front control - Required Upper & lower pc of turret with ELNP - required Electronic Digital Tablet cum RPM Counter Inter lock Switches to all Guards. Lower Guard of polished Stainless Steel (SS 304) & Upper Guards of Acrylic Material Aluminum Turret Guards Effective Dust Extraction Nozzles Variable Speed pulley One shot Lubrication System Anti vibration mounts Reverse direction motion protection should be provided to avoid accident.</p>	1

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		<p>Available with AC variable Drive & Electromagnetic Clutch Provided with limit switch for safety purpose IQ, OQ, DQ documents and test certificates</p> <p>Preferred Machine Make – Cadmach Machinery Company Pvt Ltd</p>	
10	Mass mixture	<p>Capacity: 50 Kg Overflow Capacity: 110 Ltr MOC of Contact Part – SS316 MOC of Non Contact Part – SS304 End Plate Thickness – 8mm Discharge Type - By tilting Shell Thickness – 4mm Rotor Clearance – 2mm Shaft Sealing - PTFE gland Packing / Teflon Bush Rotor speed - 10-30 RPM Finish - internal 220 grit Mirror/External 180 grit Mat Motor Make – ABB/siemens/Crompton Gear box make - Bonfiglioli Control Panel - Digital process timer, VFD, emergency stop, Overload relay, Digital ampere meter, speed regulator, limit switch for lid VFD make – Allen Bradley Lid - 2mm SS 316 Control panel with VFD Limit switch Automatic tilting device</p>	1
11	Edge runner	<p>Capacity: 25-30 kg MOC: Contact parts - SS 316; Non contact parts - SS 304 Motor – Siemens/ABB/Crompton Scrappers - 3 mm thick S.S. fitted Lid –Single piece with handle Starter – D.O.L. Rollers – two Power source: electric GMP compliance model</p>	1
12	Jar mill	<p>15 kg capacity MOC: Contact parts – SS 316; Non contact parts – SS 304 Motor – Siemens/ABB/Crompton SS Balls – 2 inch diameter - 15 balls Lid – Single piece Starter – D.O.I Rollers – two Power source: electric GMP compliance model</p>	1
13	Electric hot air tray dryer	<p>Loading capacity: 12 trays</p> <p>It is complete made out of S.S.316 quality 1.5 mm thk sheet from inside and outer body made out of S.S.304 quality 1.5 mm thk sheet it is provided with S.S. Fan, S.S. Zali, and White Neoprene Food Grade Gaskets & S.S. Electric Heater or Steam Heater. It is insulated with glass wool insulation and suitable for 120 C temperatures.</p>	1

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		<p>Tray will be accommodated in the dryer with inbuilt support Angle. It is also provided with the following. MOC of Contact Parts - SS 316 MOC of Non Contact Parts - SS 304 Gaskets - Neoprene Finish: Internal / External Mirror / Mat Capacity - 12 Tray Tray size - 815*410*32mm Insulation - Rock Wool Manual Damper to control the air Air circulation - Axial Heating Media - Electric Max.Temp. - 120°c Elec Load - 4.5 KwH Control Panel consists of - On / Off Push Button, Timer Digital, Temperature Controller, Fuses Contactor, Relay, Indication Lamp, Main On-Off etc Capacity : 12 trays to accommodate 12 nos. of trays of Size: 16" x 32" x 1 ¼" Height x 18 swg Air Filter: 5Micron With special U type heaters, air circulation fan, thermostat, panel box etc. IQ/OQ/PQ/DQ documents required</p>	
14	Octagonal blender	<p>Gross Volume - 50 kg Working capacity - 25 kg MOC: All contact parts SS 316, Non contact parts SS 304 Finish: (a) Internal - 240 Grit Mirror (b) External - 180 Grit Mirror Blender RPM – 8 Discharge Port Size – 6 inches Gaskets – Silicon Safety Guard - SS Pipe guard will be provided with limit/proxy switch, if guard is open then the Blender will not run Motor - 1 HP / 1440 RPM / TEFC Foot mounted Motor make : Siemens/ABB/Crompton Reduction Gear Box - CPEC make Ratio 50: 1 Power Supply - 415 V/ 50 Hz / 3 Ph / A.C. Cable - 2.5 sq.cm / 4 core copper – Polycab / Hevells Control panel - Overload Relay, Contactor, Siemens make, Button-On & Off / Inch, RYB Indicators, Timer–Radix – 0 to 60 min. range, Digital Timer VFD – Allen Bradley / Siemens / Schneider Butterfly valve for discharge IQ/OQ/PQ/DQ documents required</p>	1
15	Semi automatic Auger filling machine	<p>Type: Semi-Automatic Hopper capacity: 20 liters Weighing range: 10 gms to 100 gms Output: 20 bottles per minute MOC: All contact parts SS316 and non contact parts SS 304 Micro controller based user friendly HMI-count setting through number and arrow</p>	1

		Control panel Usage: For filling Ayurvedic Churnas (Powders)	
16	Single pouch filling machine	<p>Sachet packing machine Filling range: 1 – 5 g (Cup will be changed if fill volume increase) Output: 40 cuts (pouches) per minute Filling accuracy: +/- 1 % Sealing Type : four sides sealing Filling system: Volumetric Cup Filling Max Roll Diameter: 300 mm, Pouch length:50-140 mm Film Draw Mechanism – electric motor Hopper Capacity – 10 kgs PLC Make – Omron Motor & Drive make – ABB/Siemens/Crompton HMI – Omron Temperature Controller PID Pneumatic components – Festo/SMC Coding system: Inkjet printer MOC: SS 304 non contact parts and SS316 contact parts Batch cutting system Touch Screen Control Panel with PLC Discharge conveyor DQ/IO/PQ/OQ documents required</p>	1
<u>CAPSULE SECTION</u>			
17	Blister Packing machine with PVDC roll	<p>Blister packing machine MOC: Contact parts SS 316, non contact parts SS 304 Complete with one set of change parts One feeding fibre disc Suitable with the blister packing using PVC and PVDC roll Chute rollers Batch printing attachments Should be ideal for high speed sealing of coated or uncoated tablets, capsules or lozenges etc. GMP compliance Easy to operate, Easy for maintenance</p>	1
<u>TAILA/GHRITA SECTION</u>			

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18	<p align="center">Steam operated double jacketed closed Pan</p>	<p>Capacity – 500 Ltr Moc Of Contact Part – SS316 Moc of Non Contact Part – SS304 Finish - Internal Mirror / External Mat Shell Thickness – 4mm Lid - 2 mm SS 316, Folding Type, Loose Bottom Dish - Hemispherical, 4mm Insulation - Rock wool ,65 mm thick, 1.6 mm cladding Steam Connections – 1.5 inches Pressure Guage - Required Steam fittings - Pressure guage,safety valve, Steam trap, Steam inlet / Out let valve, Air vent Temperature sensor - PPI Make Jacket - 4 mm,SS 304 Jacket Hydrolic Test Pressure - 5 kg / CM² workingTest Pressure - 3 Kg / CM² Cladding - 2 mm Jacket hemisphereThickness – 4mm Stirrer – Pitch Blade Turbine Agitator – 140 RPM Worm reduction Gear Box Gasket - Food Grade silicon VFD for Stirrer – Required, VFD Make – Allen Bradley Control Panel - SS 304 with Main switch, Emergency stop, Process timer, Ammeter, digital display, RYB indications, OLR, On-Off push button for drive motors,Rpm indicator,conductors,Digital display of Temp. Motor Make – ABB/Siemens/Crompton Electric .Load – 5HP Steam and Condensate Fittings – Steam Inlet/Outlet valve, Safety Valve, Air Release Valve Steam Trap assembly for condensate outlet IQ/OQ/PQ/DQ documents required</p>	1
19	<p align="center">Steam operated double jacketed closed Pan</p>	<p>Capacity – 200 Ltr Moc Of Contact Part – SS316 Moc of Non Contact Part – SS304 Finish - Internal Mirror / External Mat Shell Thickness – 4mm Lid - 2 mm SS 316, Folding Type, Loose Bottom Dish - Hemispherical, 4mm Insulation - Rock wool ,65 mm thick, 1.6 mm cladding Steam Connections – 1.5 inches Pressure Guage - Required Steam fittings - Pressure guage,safety valve, Steam trap, Steam inlet / Out let valve, Air vent Tilting Arrangement - Motorised with gear motor Temperature sensor - PPI Make Jacket - 4 mm,SS 304 Jacket Hydrolic Test Pressure - 5 kg / CM² workingTest Pressure - 3 Kg / CM² Cladding - 2 mm Jacket hemisphereThickness – 4mm Stirrer - Anchor Type with detachable teflon scraper Gasket - Food Grade silicon Steam and Condensate Fittings – Steam Inlet/Outlet valve, Safety</p>	1

		Valve, Air Release Valve Steam Trap assembly for condensate outlet VFD for Stirrer – Required, VFD Make – Allen Bradley Control Panel - SS 304 with Main switch, Emergency stop, Process timer, Ammeter, digital display, RYB indications, OLR, On-Off push button for drive motors, Rpm indicator, conductors, Digital display of Temp. Motor Make – ABB/Siemens/Crompton Electric Load – 3.5HP IQ/OQ/PQ/DQ documents required	
20	Bottle sealing machine	ROPP Single head sealer Capacity: 20 bottles per minute MOC: SS 304 Control panel Safety cabinet	1
<u>AVALEHA SECTION</u>			
21	Batch mix cooker	Capacity: 500 kg MOC: Contact parts SS 316 , non contact parts SS 304 Leg height: 900 mm Dual agitator (Clockwise and anti-clockwise) Flush bottom valve Pressure gauze Steam safety valve Openable dual lid Motor: Siemens/ABB/Crompton Gear box – make : SEW Sheet thickness	1
22	SS kadhai	SS kadhai Capacity: 200 L MOC: SS 316 Sheet Thickness: 4 mm With suitable lid	1
23	Storage vessel pan	Capacity: 500 L Whole bottom- 316 SS (Certified std) Made of 4 mm SS 316 with handle with stand and valve (Stand height 750 mm, outlet valve 4 inches flush bottom type)	2
<u>BOILING AREA</u>			
24	Boiling pan and related accessories	Capacity: 1000L – 1 No. with Auto Tilting Mechanism 500 L – 1 No. with Auto Tilting Mechanism 200 L – 1 No. – Manual Tilting device MOC: Contact part should be SS 316, Non-contact Parts - 304 SS Finish: Inside mirror, Outside matte Limit Switch Shell Thickness – 4mm Lid - 2 mm SS 316, Folding Type, Loose	3

		<p>Bottom Dish - Hemispherical, 4mm Insulation - Rock wool ,65 mm thick, 1.6 mm cladding Steam Connections – 1.5 inches Pressure Gauge - Required Steam fittings - Pressure gauge,safety valve, Steam trap, Steam inlet / Out let valve, Air vent Temperature sensor - PPI Make Jacket - 4 mm,SS 304 Jacket Hydraulic Test Pressure - 5 kg / CM² workingTest Pressure - 3 Kg / CM² Cladding - 2 mm Jacket hemisphereThickness – 4mm Motor Make – Siemens/ABB/Crompton Temp. display for Steam & Inside product Argon arc welding, buffed finish surfaces GMP model</p>	
<u>RASAYOGA UNIT</u>			
25	Horizontal Electrical Programmed Muffle Furnace	<p>Muffle Size (mm x mm x mm)- 18" (D) x 10 to 12" (W) x 12" (H) Max Temperature (Degree Celsius) : 1000 With energy regulator Automation grade – Automatic temperature control with LCD display Construction: Outer Body made of Stainless Steel. Computer programmable, Real Time Data recording with temperature. USB option for storing test data. Safety: Special type thermocouple fuses to protect overheating. High Grade density imported Glass Wool Blanket insulation. Usage: For preparation of Bhasma.</p>	1
26	Jar mill	<p>15 kg capacity MOC: Contact parts – SS 316; Non contact parts – SS 304 Motor – Siemens/ABB/Crompton SS Balls – 2 inch diameter - 15 balls Lid –Single piece Starter – D.O.I Rollers – two Power source: electric GMP compliance model</p>	2
27	Electric hot air Tray dryer	<p>Loading capacity: 12 trays It is complete made out of S.S.316 quality 1.5 mm thk sheet from inside and outer body made out of S.S.304 quality 1.5 mm thk sheet it is provided with S.S. Fan, S.S. Zali, and White Neoprene Food Grade Gaskets & S.S. Electric Heater or Steam Heater. It is insulated with glass wool insulation and suitable for 120 C temperatures. Tray will be accommodated in the dryer with inbuilt support Angle. It is also provided with the following. MOC of Contact Parts - SS 316 MOC of Non Contact Parts - SS 304 Gaskets - Neoprene</p>	1

		<p>Finish: Internal / External Mirror / Mat Capacity - 12 Tray Tray size - 815*410*32mm Insulation - Rock Wool Manual Damper to control the air Air circulation - Axial Heating Media - Electric Max.Temp. - 120°C Elec Load - 4.5 Kwh Control Panel consists of - On / Off Push Button, Timer Digital, Temperature Controller, Fuses Contactor, Relay, Indication Lamp, Main On-Off etc Capacity : 12 trays to accommodate 12 nos. of trays of Size: 16" x 32" x 1 1/4" Height x 18 swg Air Filter: 5Micron With special U type heaters, air circulation fan, thermostat, panel box etc. IQ/OQ/PQ/DQ documents required</p>	
28	Edge runner	<p>Capacity: 25-30 kg MOC: Contact parts - SS 316; Non contact parts - SS 304 Motor – Siemens/ABB/Crompton Scrappers - 3 mm thick S.S. fitted Lid –Single piece with handle Starter – D.O.I Rollers – two Power source: electric GMP compliance model</p>	1
29	Sieve sifter	<p>Diameter: 24 inches Specially designed vibratory motor to run on 415 V, 3 phases, 50 cycles electric supply with adjustable eccentric weight at the centre of the base plate of screening Screening unit consists of SS 316 screens sandwiched between SS 316 hopper and bowl with help of special clamp with gasket. This in turn is clamped to the base plate MOC: All contact parts SS 316, Non-contact parts SS 304 Discharge Height – 700mm Charging Height – 1265mm Sieves: Mesh size: 20,40, 60,80, 100 (2 pieces each) Motor: Siemens/ABB/Crompton DOL starter, with SS cover (Non FLP) Magnetic Grill for Shifter Outlet Lead Free GMP Screens - White Neoprene molded GMP model IQ/OQ/PQ/DQ documents required</p>	1
<u>PISHTI SECTION</u>			
30	Programmed muffled furnace	<p>Muffle Size (mm x mm x mm)- 18" (D) x 10 to 12" (W) x 12" (H) Max Temperature (Degree Celsius) : 1000 With energy regulator Automation grade – Automatic temperature control with LCD display</p>	1

		<p>Construction: Outer Body made of Stainless Steel. Computer programmable, Real Time Data recording with temperature. USB option for storing test data. Safety: Special type thermocouple fuses to protect overheating. High Grade density imported Glass Wool Blanket insulation.</p>	
31	Jar mill/Ball Mill	<p>15 kg capacity MOC: Contact parts – SS 316; Non contact parts – SS 304 Motor – Siemens/ABB/Crompton SS Balls – 2 inch diameter - 15 balls Lid –Single piece Starter – D.O.I Rollers – two Power source: electric GMP compliance model</p>	1
32	Electric hot air Tray dryer	<p>Loading capacity: 12 trays</p> <p>It is complete made out of S.S.316 quality 1.5 mm thk sheet from inside and outer body made out of S.S.304 quality 1.5 mm thk sheet it is provided with S.S. Fan, S.S. Zali, and White Neoprene Food Grade Gaskets & S.S. Electric Heater or Steam Heater. It is insulated with glass wool insulation and suitable for 120 C temperatures.</p> <p>Tray will be accommodated in the dryer with inbuilt support Angle. It is also provided with the following. MOC of Contact Parts - SS 316 MOC of Non Contact Parts - SS 304 Gaskets - Neoprene Finish: Internal / External Mirror / Mat Capacity - 12 Tray Tray size - 815*410*32mm Insulation - Rock Wool Manual Damper to control the air Air circulation - Axial Heating Media - Electric Max.Temp. - 120°c Elec Load - 4.5 KWH Control Panel consists of - On / Off Push Button, Timer Digital, Temperature Controller, Fuses Contactor, Relay, Indication Lamp, Main On-Off etc Capacity : 12 trays to accommodate 12 nos. of trays of Size: 16" x 32" x 1 ¼" Height x 18 swg Air Filter: 5Micron With special U type heaters, air circulation fan, thermostat, panel box etc. IQ/OQ/PQ/DQ documents required</p>	1
33	Edge Runner	<p>Capacity: 25-30 kg MOC: Contact parts - SS 316; Non contact parts - SS 304 Motor – Siemens/ABB/Crompton Scrappers - 3 mm thick S.S. fitted Lid –Single piece with handle Starter – D.O.I Rollers – two</p>	2

		Power source: electric GMP compliance model	
34	Sieve sifter	<p>Diameter: 24 inches Specially designed vibratory motor to run on 415 V, 3 phases, 50 cycles electric supply with adjustable eccentric weight at the centre of the base plate of screening Screening unit consists of SS 316 screens sandwiched between SS 316 hopper and bowl with help of special clamp with gasket. This in turn is clamped to the base plate MOC: All contact parts SS 316, Non-contact parts SS 304 Discharge Height – 700mm Charging Height – 1265mm Sieves: Mesh size: 20,40, 60,80, 100 (2 pieces each) Motor: Siemens/ABB/Crompton DOL starter, with SS cover (Non FLP) Magnetic Grill for Shifter Outlet Lead Free GMP Screens - White Neoprene molded GMP model IQ/OQ/PQ/DQ documents required</p>	1
35	Vati pills making machine/Vati Roller	<p>Motorized stick (Varti) Making Machine Output: 5 -10kg/hour (Depending upon Material and size of pills) To be able to make any size of pills from size 4mm to 12 mm. MOC: All contact parts SS 316, Non contact parts SS 304 With single set of change part</p> <p>Pills Cutting Machine: Output: 5-10 kg/hour (Depending upon Material and size of pills) To be able to make any size of pills from size 4mm to 12 mm. MOC: All contact parts SS 316, Non contact parts SS 304 With single set of change part Whole body of the machine is to be covered by S.S. and supplied with collecting trays.</p>	1

- All machines & equipment shall be WHO –GMP/GLP compliance model,
- All machines & equipment shall be fit into section which is 8.6 feet height
- All Equipments individually costing more than Rs.25,000/- to have DQ, IQ & OQ , Fat, MOC Certificate, G.A Drawing of the machine, wiring diagram will be supplied with the machine. Bidders are requested to quote for all the items under sections. Bids will be evaluated on item wise basis. All bidders must quote accordingly.

Pre Bid Meeting:

Bidders are requested to visit RARI, JHANSI to assess the site condition of Equipment placement and installation in this Section. Bidders must take into consideration in its bid costs to be incurred for any additional work viz. Electrical cabling of suitable ratings, Electrical points of suitable ratings, water connection, water drainage, plumbing & allied requirement for the equipment etc. required for successful installation, commissioning and running of the Equipment and the “All inclusive lump sum price” should include all such costs.

PART II
List of Instrument for QC Laboratory

Table No-2

Sr No	Name of the Instruments	Tentative Quantity
1	ICP-OES + Microwave Digester	01

Technical Specification-

1. Inductively Coupled Plasma Spectrophotometer (ICP-OES)

I. Technical Specifications

• An ICP spectrometer system, bench top model with compact size able to determine trace elements in diverse samples including proteins, peptides, small molecules, extended and nano materials. System should be able to determine, major, minor and trace elements in single run measurement.

Optics:

True simultaneous thermostated polychromator optics using solid state detectors like SCD or CMOS or CCD detectors to cover a wavelength range of 165 -800nm or more with a resolution of 0.008nm or better._

Mode of View:

Simultaneous/Synchronous Dual View by a horizontal/vertical torch to simultaneously perform determinations across the entire spectrum, both UV and Visible without any change over with all the wavelengths must be viewed in any view (Axial, Radial and Dual view)

Gas Supply:

Supplier to provide free uninterrupted gas or with alternatives arrangement i.e., refillable sufficient capacity gas bank to maintain the polychromator optics inert for a period of at least 2 years. Software based gas flow to ensure variable gas flow and not pre-fixed flow for all the gas flow to the Torch. All the gas flow must be operated by Mass Flow Controller /Volume Flow Controller and should display in ml/min or litres/min

For cold plasma tail management suitable technology like shear gas/CCI or any equivalent should be offered, it should be of ultrahigh pure nitrogen or argon and not air, so as not to mitigate measurement of the UV lines range of 165 to 200nm.

RF Output:

RF Output should be 1500W or better from 25-50 MHz for water cooled system/ solid state/ maintenance free water cooled chiller / Air cooled.

Peristaltic Pump:

Four or more channel peristaltic pump with a auto-sampler valve/switching valve system or better system for reducing rinse delay and sample uptake time.

Sample Introduction Kit:

Sample Introduction Kit for aqueous mode which should include cross flow nebulizer, scat spray chamber, torch and tubes as well as for HF mode which should include burgener nebulizer, torch, cyclonic HF resistant spray chambers and tubings or better

Computer System

The computer system should be supplied from the manufacturer with pre-loaded software and tested for all the parameters. Software should be 21 CFR Para 11 compliant for internal audit and electronic signatures.

Computer compatible with the operating software having minimum following configuration should be supplied: Intel Core i7, 3.2 GHz, 64 bit, 8 MB Cache, 4 GB RAM, 500 GB SSD, DVD RW, 22 " LED Monitor, Optical Mouse, Latest Licensed Window Version compatible with the instrument, MS Office 10 or latest official version with license.

The instrument software must have the features to store all the spectrum/image of every analysis digitally for non-destructive readout facility.

Connection port to be provided wherein in future the ICP Spectrometer can be connected with an Electro Thermal Vaporizer or Laser Ablation system

Accessories should include

- a. High purity argon gas cylinder (02 nos) for plasma,
- b. High purity nitrogen gas cylinder (02 nos) for optics or 500 litre gas bank
- c. Double stage gas regulator with SS diaphragm (2 nos),

- d. Gas purification panel for argon, gas piping etc,
- e. Fume hood with 10 feet ducting, additional feet to be quoted separately
- f. Imported air compressor and water re-circulator if required,
- g. 10 KVA line conditioner with 30 minutes back up
- h. NIST traceable Multi-Elements Standards (Mg, K, Na, Mn, Fe, Co, Cu, Si, Pd, Pt, Ca, Au, Rh, Ru, Ti, Ta, Ni, Zn, Al, Ag, Hg, As, Pb, Cd 1000ppm/100ml) with a shelf life of 3 years, should be provided.

Additional Conditions:

- a. Two years warranty
- b. System should be quoted with 2 year warranty inclusive of all parts. (Optional extended 3 years)
- c. Full installation and commissioning of the instrument and its accessories, and if any other items are required to complete the full commissioning. For the same all pre-installation details to be provided. The institute will only provide power, water, table and AC room.
- d. Training of two of our scientist for a period of week after installation.
 - Standards for should be included.
 - Vendor should supply suitable Chiller re-circulator of appropriate capacity along with the system with warranty of minimum 2 years.
 - Air compressor and purification panels for argon and nitrogen should be included. The vendor should take care of the installation of ducting from the gas cylinders to the instrument.
 - Hydride generator kit should be included for hydride forming elements like As, Hg, Se.
 - Suitable Fume exhaust system should be quoted.
 - Microwave sample digester should be included (see specifications below).

2. Specifications for Microwave Sample Digester:

- **Vessel type: 16 vessels or better**
- Power: Unpulsed Microwave power from 0 to 1000 W or more using 1 to 2 magnetrons.
- Built-in software with screen display for Temperature, weight, method search, power profile, and method set-up.
- TFM type vessel (50 to 100 ml capacity) to be quoted which can withstand up to 40 bars working pressure and 240°C temperature.

- Pressure and temperature sensor of immersing type/probe/contact free for one reference to be included in the offer and the same should be provided of control using transducers and gas bulb respectively with wireless transmission.
- Built-in integrated cooling system for removal of gases and cooling of vessel without use of external chiller/thermostat in less than 20 minutes.
- System should have in-built pressure venting safety features.
- System should be quoted with 2 year warranty With 3 year optional warranty inclusive of all parts.

3. Pre Installation Requirement

- Complete technical details of pre-installation requirements should be furnished along with the technical bid. RARI, Jhansi (UP) will only provide the installation room, air-conditioning units and required electrical outlets. Vendors are expected to supply all other installation accessories, infrastructures, facilities and services required for successful installation and smooth operation of the equipment. Vendors may conduct the site survey before installation at no additional cost. Preference will be given to whole system/ parts of same manufacturer.

4. Manual and Software

- Operation (hard and soft copy) and maintenance manuals in English language should be supplied along with the system. Original Software along with other qualitative and quantitative software compatible to window 8 or higher system.

5. Computer & Printer (OPTIONAL)

- Compatible branded computer with genuine OS Windows (Windows 8 or higher) loaded with all the required software, Processor- Intel core i5 or better, RAM-8 GB or better, Graphics Card, Additional internet port, LED Monitor-23 inch or large, additional hard disk (minimum 5 TB or higher), wireless mouse and keyboard.
- Suitable wireless Colour Laser jet Printer (All-in-One Wireless Ink Tank Colour Printer with Auto-Duplex Printing having scanner option) to be included
- Separate table for computer or Data processing unit with rack case should be provided.
- Original Antivirus software should be provided alongwith computer system.

6. Warranty & Spares

- 2 Years comprehensive warranty including consumables and lamps etc. after successful installation/commissioning with 3 year extended warranty. (optional)

- The Spares and service support from the supplier should be available for minimum 10 years from the date of installation of the system.
- Tool Kit to play with system (1 No.), Calibration kits (2 No.), lamps (2 No.), Syringes (2 No.) and any other spares minimum one unit should be provided.

7. UPS /Power requirements

- Suitable capacity on line UPS with latest technology from any reliable, nationally reputed manufacturers/brand which is compatible with the unit should be quoted. The UPS should provide 4 hrs backup.

8. Line Conditioner/Power Requirement- Suitable capacity line conditioner with latest technology from any national reputed manufacturer/Brand which is compatible with unit should be coated.

9. Training

- Necessary on-site/ off-site training to scientific staffs on Operation, Maintenance, Calibration of the offered system and for minimum 3 working days after the installation of the system. This is an integral part of the acceptance criteria of the system by the user.

PART III
List of Instruments for NRDR Section

Sr No	Name of the Equipments/Instruments	Quantity	Technical Specification
1	Stability Chamber	02	Annexure VI
2	Fume Hood	01	Annexure VI
3	Deep Freezer	04	Annexure VI

1. Stability Chambers

Stability Chambers as per ICH/WHO/GMP Guidelines for precise monitoring of temperature and humidity conditions required for long term, intermediate & accelerated stability studies at chemical and pharmaceutical manufacturing.

Performance:

Specifications: Designed as per ICH guidelines to meet, WHO and USFDA requirement i.e. fulfill storage conditions of 25°C — 60% Rh, 40 °C -75% Rh, 30 °C —65% Rh, 25 °C —40% Rh.

Precise monitoring of temperature and humidity conditions Comply with GMP requirements Water tank capacity about 400 litre or better, powerful fan motor for forced air circulation to maintain uniform conditions inside chamber within permissible limit Heating by long life SS tubular heaters

Validation protocol with IQ, OQ, DQ Documentation as per ICH guidelines

Microprocessor controller with LCD display & capacitance type sensor for precise control of temperature and humidity and Battery Backup 5 hours or better.

Automatic Calibration of set parameters. Self-Diagnosis for errors Power failure and resumption recorded with date and time.

Machine filled PUF insulation to eliminate void pockets

Unique design of thermal barrier for better energy efficiency

Hermetically sealed Compressor with CFC free refrigerant

Histogram format of 24 hours temperature and humidity recording

Settable High/low alarm points with date and time

Memory for storage of up to 1000 records

Centronic interface to record Temperature, Humidity, Date, & Time by attaching Dot Matrix printer with adjustable print interval

Chamber calibration port on side. Adjustable trays

PC communication with RS-485 and software complying to 21 CFR part 11 as per USFDA guidelines. Data logger for 8 Point (4 4) temperature/humidity recording with sensor, printer interface and software.

Safety: Low water level alarm and power cutoff of boiler tank heater. High temperature safety cut off & alarms for high/low set parameters. Electrical circuit breaker. Time delay for compressor switch on. Overload cut off relay for compressor.

Features of Software complying to 21 CFR part 11: Multiple level alpha numerical password with password ageing. Electronic signature and menu entered comment. Secured audit trail report. Alarm report with mention of alarm condition. Mean Kinetic Temperature able to be calculated for any clays 8 alarm deviation report. Reports in graphical and tabular form. Data Stored in PC server with Lan connectivity and can be monitored on any PC with password authentication. Multi chamber data acquisition on single software.

Accessories: New generation computer system with printer and all software's of stability chamber system.

2. Fume hood

Polyester coated steel or better chemical fume hood (preferably with digital functions) for rough use in chemical laboratory having noise < 80db or better. Includes features like non-conductive, chemical resistant, corrosion proof, precision design, accurate functioning. Design Portable fume cabinet with robust epoxy coated. Material should be as per BIS/ISI/CE/GMP etc guidelines.

Bench top mounted system of standard size having minimum length 5 feet having standard anticorrosive/ chemical resistant accessories like Sink, Water tap with drain arrangement, exhaust, light etc.

Brass, powder coated fittings. Taps should be tapered in shape to use with flexible tubing of sizes from ¼ - ½ in diameter.

Fluorescent/LED light with vapour-proof fitting and of minimum 400 lux intensity at worktop level. Minimum 4 nos. electrical sockets of reputed make (230 V, 6/16 A, 50 Hz). The electrical wiring

should have built-in starter of reputed make, suitable to blower motor capacity. Starter should not be mounted on the wall and it should be part of the fume hood wiring itself.

Easy access of cables from fume hood to electrical sockets is desired. Must pass American Design Standard: ASHRAE110-2016 (All tests including 'Tracer gas containment test). And/or European Design Standard: EN-14175- 2001, Inner Plane Containment test passed.

3. Deep Freezer

Digital controlled deep freezer with stainless steel body and 3 door having capacity 700 Litre or better to preserve chemicals and herbal medicines etc.

CONTRACT AGREEMENT FORM (Specimen)

(Tender No. _____)

THIS CONTRACT AGREEMENT made theday of/...../2019 between Rate Contracting Authority [Assistant Director I/C, Regional Ayurveda Research Institute, Jhansi] (Name of Rate Contracting Authority) of India (country of Rate Contracting Authority) (hereinafter called “the Rate Contracting Authority”) of one part and M/s (Name of supplier) of (City and country of supplier) (Hereinafter called “the supplier”) of the other part:

WHEREAS the Rate Contracting Authority invited bids for certain goods and ancillary services viz. EQUIPMENTS (Brief description of goods” and services) and has accepted a bid by the supplier for the supply of those goods and services.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this agreement words and expression shall have the same meaning as are respectively assigned to them in the conditions of contract referred to:
2. The following documents shall constitute the contract between the Rate Contracting Authority and the supplier, and each shall be read and construed as an integral part of the contract:
 - a. This contract agreement:
 - b. All the terms and conditions of contract:
 - c. Technical Specifications:
 - d. The supplier’s financial bid
 - f. The Rate Contracting Authority’s notification of rate contract (Letter of award).
3. This contract shall prevail all other contract documents. In the event of any discrepancy or inconsistency with the contract documents, then documents shall prevail in the order listed above.
4. In consideration of the payments to be made by the Purchaser to the supplier as hereinafter mentioned, the supplier hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the contract.
5. The Purchaser hereby covenants to pay the supplier in consideration of the provision of the goods and services and the remedying of defects therein, the contract price or such as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

Brief particulars of the goods and services which shall be supplied / provided by the supplier are as under:-

Sl. No.	Name of the Item with make, model and catalogue no.	Quantity	F.O.R. Rate per unit (Rs.)*

*The above rates are inclusive of excise duty, transportation, insurance, inspection & testing charges and any incidental charges, but exclusive of GST.

6. The prices shall be valid for one year from the date of agreement, unless revoked and thereafter for a further period as agreed upon mutually.

7. The supplier shall agree to deposit 10% performance security, along with as mentioned at Sr. No. 8 of "A. information and conditions relating to submission of bids", in advance by FDR / Bank Guarantee, for a period of 12 months.

8. The suppliers are not authorized to supply material directly to any state Govt. / Semi Govt. / any other organization on the rate lower than the rate contract.

9. The supplier shall supply the goods directly to the indenter / purchaser at the address given in the supply order.

10. The supplier shall raise bills directly in the name of indenting officer / purchaser against the supplies made directly by them to the indenter's satisfaction in compliance with the conditions contained in the supply order.

11. The supplier shall receive payment against its bill after all the necessary verifications and installation of equipments. No advance payments will be made in any circumstance.

12. The supplier shall carefully read all the conditions of tender for supply of equipment and accept all terms and conditions in the tender document. Signing this contract means that the supplier has read all the terms and conditions and abide by it.

IN WITNESS whereof the parties hereto have caused this agreement to be executed in accordance with their respective laws the day and year first above written. That, in token of this agreement, both parties have today affixed their signature at Jhansi.

Signed, Sealed and delivered by the Said (For the RATE CONTRACTING AUTHORITY)

In the presence of: (1)

In the presence of: (2)

Signed, Sealed and Delivered by the Said (For the supplier)