



CHHATTISGARH BIOFUEL DEVELOPMENT AUTHORITY

(Department of Energy, Govt. of Chhattisgarh)

छत्तीसगढ़ बायोफ्यूल विकास प्राधिकरण

(ऊर्जा विभाग, छत्तीसगढ़ शासन)



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Date: 03.06.2022

CORRIGENDUM NO. 02 TO TENDER NO. CBDA/2022/PT/002

This Corrigendum contains the following:

Sl. No.	Particulars	Corresponding to tender page no(s).
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- Note:** 1. This Corrigendum contains 09 pages including this page.
2. The above information is respect to Tender No. CBDA/2022/PT/002 uploaded in www.cbda.in as per provision in Clause No. 16.0 of said tender document of page no.19.

Sd/-

Chief Executive Officer

Scientific and Industrial Research Organisation (SIRO)

(Recognized by Ministry of Science and Technology, Government of India)

वैज्ञानिक और औद्योगिक अनुसंधान संगठन

(विज्ञान और प्रौद्योगिकी मंत्रालय, भारत सरकार से मान्यता प्राप्त)

CORRIGENDUM NO. 02 TO TENDER NO. CBDA/2022/PT/002

2.0 SUBMISSION OF BIDS

Bids shall be submitted in the manner as described in “**Instructions To Bidders**” (ITB) of this bidding document. **Techno-Commercial Offer (Part 1)** shall contain original un-priced offer along with EMD.

Price Bid (Part 2) shall contain only price bid without any condition/deviation. The Rate shall be filled up, both in figures (in rupees and paisa) and in words. No overwriting or use of correction fluid shall be accepted. Any correction shall be legible and signed by the authorized signatory. In the event of difference between figures and words the amount mentioned in words shall prevail.

3.0 ELIGIBILITY CRITERIA

The Bidder should satisfy itself regarding the eligibility criteria before submission of the bid.

The Bidder should fulfill all of the following eligibility criteria from Para 3.1 to 3.4 below and provide necessary documents (annual report, related work-order, payment vouchers approved by the project promoting agency, project completion report/payment proofs etc.) for verification:

3.1 The Bidder applying for the tender must have executed projects in any one or more out of the following:

1. Agencies/Manufacturers/Suppliers/Companies/Societies/ other Licensee's of BARC (**AGENCY** or **Bidder** or **Bidders**) engaged in the supply of similar kind of equipments/ Biogas generation units/ Biogas based Power Plants, supplied, installed and maintained by them for any government recognized department/ agency, government research institutes, agriculture universities, community run Goshalas, State/Central govt. funded projects of similar kind.
2. Agency engaged in the supply, installation and Annual maintenance of biogas generation units run by State Government departments/ agencies will be given preference.

and / or

3.2 The Annual Turnover of the Bidder applying to be eligible for 1 (one) complete work of 'Supply, Installation & Commissioning of Biogas driven Power Generation Plant based on BARC 'NISARGRUNA' technology for Research & Development purpose (say Nisargruna Plant)' shall be minimum Rs. 40,00,000/- (Rupees Forty lacs only) during any of last three financial years (i.e. 2021-22, 2020-21 & 2019-20). For any bidders applying to be eligible for more than one 'Nisargruna Plant' (subject to maximum 05 Nisargruna Plant), the annual turnover of that bidder shall be minimum Rs. 2,00,00,000/- (Rupees Two crores only) i.e. multiplied by number of Nisargruna Plant (5 Nisargruna Plant x Rs. 40,00,000/-) submitting bid.

and

3.3 The Bidder applying to become eligible for 1 (one) complete work of Supply, Installation & Commissioning of Biogas driven Power Generation Plant based on BARC 'NISARGRUNA' technology for Research & Development purpose (say Nisargruna Plant) should have executed works as mentioned in Clause 3.1 above during any of the last three preceding financial years of following value:

3.3.1 Three completed work orders, each of minimum value of Rs. 3,00,000/- (Rupees Three lacs only)

or

3.3.2 Two completed work orders, each of minimum value of Rs 4,00,000/- (Rupees Four lacs only)

or

3.3.3 One completed work order of minimum value of Rs 5,00,000/- (Rupees Five lacs only)

For bidder applying to be eligible for more than one Nisargruna Plant (maximum upto 5 (five) Nisargruna Plant) the value of execution of work should be equal to above respective amount (refer 3.3.1, 3.3.2 & 3.3.3) multiplied by number of Nisargruna Plant, bidder is submitting bid for. Bidder can quote for more than 5(five) Nisargruna Plant but would be eligible for maximum Nisargruna Plant.

3.4 Past experience of the Bidder

3.4.1 Bidders executing work orders shall submit their past experience certificates indicating work orders completed as per Scope of work, within given time schedule & quality of work (as per specification) to the satisfaction of owners.

3.4.2 Bidder has to submit minimum 3 works completed as per 3.3.1, Two works as per 3.3.2 or minimum 1 work as per 3.3.3 within given time schedule, as per Scope & quality of work (as per specification given in the tender) to the satisfaction of owners.

3.5 The Bidder shall submit the details of the Eligibility Criteria (Para 3.1/3.2 to 3.4) in the format attached as **Annexure-II & Annexure-III of Instruction to Bidders (ITB)**.

3.6 A Ready Reckoner for calculating equipment wise eligibility criteria and turnover requirements for being eligible for consideration for more than one equipment:

	1(one) Nisargruna Plant	2 (two) Nisargruna Plant	3(three) Nisargruna Plant	4(four) Nisargruna Plant	5(five) Nisargruna Plant
Turnover requirements (in Rs.)	40,00,000	80,00,000	1,20,00,000	1,60,00,000	2,00,00,000
	Eligibility criteria (in Rs) (Any one of the following)				
Value of the three completed work orders or	3,00,000	6,00,000	9,00,000	12,00,000	15,00,000
Value of two completed work orders or	4,00,000	8,00,000	12,00,000	16,00,000	20,00,000
Value of one completed work orders or	5,00,000	10,00,000	15,00,000	20,00,000	25,00,000

INSTRUCTION TO BIDDERS (ITB)

1.0 DESCRIPTION

CBDA proposes to set up Supply, Installation & Commissioning of Biogas driven Power Generation Plant based on BARC 'NISARGRUNA' technology at different locations across Chhattisgarh preferably in Rural Industrial Parks (**hereinafter referred as 'Nisargruna Plant'**) to further research and development in the field of bio-energy.

- 1.1 Interested Bidder/ bidders(s) is/are advised to visit the Rural Industrial Parks (RIPA) envisaged in each Gothans, as per list provided in **Annexure-C** and familiarize himself of the existing facilities & environment, and shall collect all other relevant information, which he may require for preparing and submitting the bid and entering into the contract. Claims & objections due to ignorance of existing conditions or inadequacy of information will not be considered after submission of the bid and during its implementation.

2.0 INFORMATION REQUIRED WITH BIDS

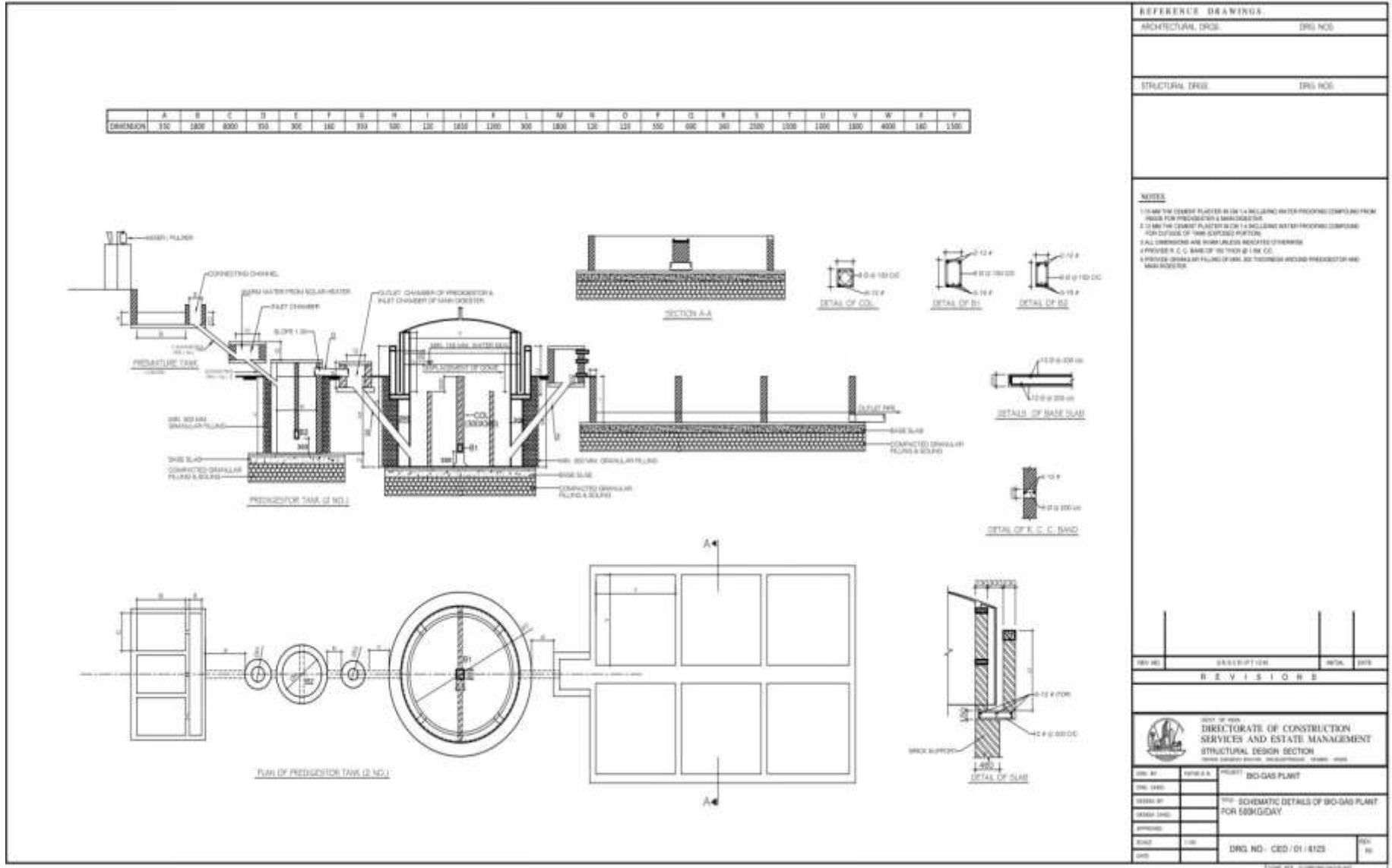
Techno-Commercial and Un-priced Bid (Commercial Part) shall comprise the attachments, specifying attachment number arranged in the order as follows:

A. Mandatory Documents:

- i) Submission of bid letter on Bidder's letter pad, the format of which is attached as **Annexure I** to ITB,
- ii) Submit past experience certificates indicating work orders completed as per Scope of work,
- iii) Compliance to Bid Requirements as per **Annexure-I (A)** to ITB. Tender documents along with amendments if any, all pages including attachments duly numbered, signed & stamped in token of acceptance.
- iv) Earnest Money Deposit and its details.
- v) Details of projects undertaken (as mentioned in Para 3.1 or 3.2 and 3.5 of NIT) executed in the last three financial years by bidder as per **Annexure-II** to ITB along with Work Order copies and Completion Certificates for the highest valued similar executed work.
- vi) The Eligibility Criteria (EC) requirement as mentioned in Para 3.3 and 3.4 of NIT should be submitted in the format attached as **Annexure-III** to ITB.
- vii) Proposed Organization Chart together with an assignment schedule (By position), proposed for the execution of this work along with the bio-data of key personnel as per **Annexure-IV** to ITB.
- viii) Audited Balance Sheet/Statement of Affairs and Profit & Loss Account/Income & Expenditure Accounts for last three financial years along with **annual turnover statement** as per **Annexure-V** to ITB.
- ix) Valid Income-Tax Clearance Certificate/ Assessment orders for the last three years/ copy of the Income Tax return of last three years duly acknowledged by Income tax Department.
- x) Exception/ Deviations statement as per **Annexure-VI** to ITB.
- xi) Information regarding blacklisting/holiday listing according to appropriate type of firm / concern, the tenderer subject to among the types mentioned in Section-9 in General Conditions of Contract (GCC).
- xii) Details of PAN No., GST Registration number and Service Tax Registration number.

LAYOUT MODEL DIAGRAM

ANNEXURE- XII TO ITB



Note:

1. The Above list of equipment/component for Nisargruna Plant and its specification are indicative only and not exhaustive in nature.
2. The cost of delivery of the specified Nisargruna Plant to different site(s) as per specification of list of equipment/component in Sl. No. 1 above, shall include all manpower, transportation costs, tools and tackles, loading & unloading at the point of transfer of ownership.
3. SoW includes rate of material (basis rate + GST/other taxes, as applicable, all inclusive), creation of item as per specification above including labour, transport, watch & ward is part of the Tender.
4. The Bidder shall submit a copy of detailed engineering drawing of 'Process Layout Diagram', the bidder intended to Supply, Installation & Commissioning of Biogas driven Power Generation Plant based on BARC 'NISARGRUNA' technology at different locations across Chhattisgarh preferably in Rural Industrial Parks for Research & Development purpose. However, the same process layout diagram need to approved by CBDA, in consultation with BARC, during layout review stage prior to installation.
5. The bidder shall have to commission the Nisargruna Plant within 3 (three) months from the date of issuance of work order, further extendable for another 1 (one) month, subject to pre- conditions, at the sole discretion of CBDA. In addition, post commissioning, 3 (three) months successful running and comprehensive free on-site training of personnel by service/application engineer shall be at bidder's scope.
6. Component/ Equipment mentioned in Sl. No. 1,2,7,8,9 & 10 may be an integrated shed of around 1000 sq.ft. area with GI sheet roofing with MS pipe structure, surrounded by 5ft. brick wall (4" thickness) from elevated plinth (2 ft.), wall duly plastered, concrete rough flooring, entire structure duly painted.
7. The bidder shall have to display a board that clearly mentioned the Project name "Manufactured by Chhattisgarh Biofuel Development Authority (CBDA), license from Bhabha Atomic Research Centre, Department of Atomic Energy, Mumbai." Logo of BARC along with logo of CBDA, shall be prominently displayed along with all its major components make, specifications, name of site and bidder's address with contact number for any complaint/ trouble shooting.

Annexure - C**RURAL INDUSTRIAL PARK (RIPA)/GOTHAN LOCATIONS FOR COMMISSIONING OF BIOGAS DRIVEN POWER GENERATION PLANT BASED ON BARC TECHNOLOGY**

District	Raipur	Durg	Balodabazar	Bemetara	Janjgir-Champa	Korba	Bastar	Dantewada	Sukma
RIPA Ref. No.	1	2	3	4	5	6	7	8	9

Note: The above chart is indicative in nature and not exhaustive, amendments, if any, would be released through addendum/corrigendum, refer Clause 9.4 &16.0 of ITB of this tender document.

NOTES:

1. The above estimated quantities for evaluation purpose only however payment will be made as per actual supply of the equipment/component as described in Annexure-I (A) of SCC (Name of Equipment/component) and according to Scope of Work attached herewith as Section-II, Annexure-A of SCC.
2. SOR rate shall include basic rate of material (taxes, if applicable, would be extra), including labour, transport, etc. is part of the Tender.
3. The total cost of material includes delivery of item as described in Column 2 (description) of above chart at different locations across Chhattisgarh preferably in Rural Industrial Parks for Research & Development purpose, shall include all manpower, transportation costs, tools, tackles, installation, fitting, loading & unloading at Point of transfer of ownership, etc
4. Please refer to Scope of Work attached herewith as Section - II.
5. Item as described in Column 2 (description) of above chart shall be tested jointly by CBDA, Raipur, under guidance by BARC, Mumbai Scientists/Engineers, to their satisfaction, prior to processing payment.
6. Includes installation of Equipments mentioned in Sl. No. 01 to 16 in Column 1 above at site, its complete laying out and installation as per Layout Model Diagram provided in Annexure XII A to ITB, successful commissioning of those Equipments and Production of end product confirming to specification given in Annexure XIIB to ITB, all cost of manpower, transportation cost, tools, tackles, installation, fitting, loading & unloading at Point of transfer of ownership, etc.
7. Bidder can apply/quote for all location(s) bearing RIPA code no.1 to 9, however, they will be eligible for maximum 05 Nisargruna Plants, based on Award of Work more meaningfully described in Clause no. 13 & 20 of ITB. However, CBDA will have in its own discretion, based on requirement, to increase/decrease the maximum number of Nisargruna Plants to be allotted to each bidder, and other bidders will have no objection in the same.
8. Quoted rates shall include all applicable GST & other taxes, if any, as per Government notifications.
9. Includes any other equipment/activity required for successful installation and commissioning of Biogas driven Power Generation Plant based on BARC 'NISARGRUNA' technology at different locations across Chhattisgarh preferably in Rural Industrial Parks for Research & Development purpose as per industry specifications mentioned in Annexure-XII B to ITB. CBDA reserve the right to issue order of all 16 equipments/activity at a time or separately as per requirement.
10. Includes post commissioning, 3 (three) months successful running and comprehensive free on-site training of personnel by service/application engineer shall be at bidder's scope.
11. For Component/ Equipment mentioned in Sl. No. 34 of SoW, pg. no. 63 (Corrigendum No. 01), bidder has to mention capacity of DG set in KWh in Price bid schedule.

ANNEXURE I OF PRICE PART

SUMMARY OF BIDDER'S PRICE

(PRICE BID SCHEDULE)

NAME OF WORK: The Supply, Installation & Commissioning of Biogas driven Power Generation Plant based on BARC 'NISARGRUNA' technology at different locations across Chhattisgarh preferably in Rural Industrial Parks for Research & Development purpose

PT No.		Bidder's Name	
PT Date		Bid submission date	
Closing Date			

Table: A - Price Bid

Work/ Activity	RURAL INDUSTRIAL PARK (RIPA)/GOTHAN LOCATIONS FOR COMMISSIONING OF BIOGAS DRIVEN POWER GENERATION PLANT BASED ON BARC TECHNOLOGY									
	District	Raipur	Durg	Balodabazar	Bemetara	Janjgir-Champa	Korba	Bastar	Dantewada	Sukma
	RIPA Code No.	1	2	3	4	5	6	7	8	9
Supply, Installation & Commissioning of Biogas driven Power Generation Plant based on BARC 'NISARGRUNA' technology at different locations across Chhattisgarh preferably in Rural Industrial Parks for Research & Development purpose (refer Scope of Work Section-II, Annexure A of SCC)	Rate (Rs. in figure & words) incl. of GST & all taxes Item Sl. No. 1 to 33 as per SoW									
	Rate (Rs. in figure & word) incl. of GST & all taxes Sl. No. 34 as per SoW									

Please refer that 'Notes' above (pg.73 of 74) is an integral part of this price bid schedule.