

REQUEST FOR PROPOSAL (RFP)

For

Procurement, Installation, Commissioning and Testing of oxygen plants within one months on turnkey basis (Supply, Installation, Civil/Mechanical/Electrical work) with one year O&M and two years warrantee as defect liability period at designated places (14) of the State.

By

Jaipur Development Authority,

Ramkishore Vyas Bawan, indira circle, JLN Marg, Jaipur-302004

जयपुर विकास प्राधिकरण, जयपुर

कमरा नं. ना.से.के.-तृतीय तल-306, रामकिशोर व्यास भवन, इन्दिरा सर्किल, जवाहर लाल नेहरू मार्ग, जयपुर-302004

दूरभाष- + 91-141-2569696, ई-मेल- bahadursingh.lsg@rajasthan.gov.in

क्रमांक: जविप्रा/अधि.अभि. (ROB/RUB-I) / 03 / 2021-22 / डी-310

दिनांक :14.10.2021

अल्पकालिन निविदा सूचना

बिड संख्या-अधि.अभि.(ROB/RUB-I) / 03 / 2021-22

जयपुर विकास प्राधिकरण द्वारा जविप्रा "Procurement, installation commissioning and testing of oxygen plant within one month turnkey basis (Supply, installation, Civil/Mechanical/Electrical work) with one year O&M and two years warrantee as defect liability period at designated places (14) of the state." जिसकी अनुमानित लागत रुपये 10.50 करोड़ के लिए ऑन लाईन निविदा दिनांक 25.10.2021 सांय 6.00 बजे तक आमंत्रित की जाती है। निविदा बोली का ऑनलाईन आवेदन व भुगतान जविप्रा पोर्टल पर करने की अन्तिम तिथि दिनांक 25.10.2021 को सांय 6.00 बजे तक है। निविदा बोली के दस्तावेजों का विस्तृत विवरण www.sppp.raj.gov.in व www.eproc.rajasthan.gov.in एवं www.jda.urban.rajasthan.gov.in पर देखा जा सकता है।

(UBN No. _____)

निविदा में भाग लेने वालों को निम्न शर्तों की पूर्ति करनी होगी :-

1. निविदादाता जयपुर विकास प्राधिकरण की वेबसाइट www.jda.urban.rajasthan.gov.in पर पंजीकृत हो। निविदा शुल्क व आर.आई.एस.एल. प्रक्रिया शुल्क केवल ऑनलाईन ही देय होगी। बोली प्रतिभूति ऑनलाईन अथवा बैंक गारण्टी के द्वारा दी जा सकती है।
2. ऑनलाईन निविदा प्रस्तुत करने के लिए निविदादाता राजस्थान सरकार के ई-प्राक्कृत पोर्टल www.eproc.rajasthan.gov.in पर पंजीकृत हो।

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अधिशायी अभियन्ता (ROB/RUB-I)

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

Office of EE (ROB/RUB-I) Room No. CCC TF 306, JDA, Indira Circle, JawaharLal Nehru Marg, Jaipur – 302004

Telephone: +91-141-2569696 EPABX 5306 email: - bahadursingh.lsg@rajasthan.gov.in, bsfozdar@gmail.com

No.:JDA/EE- (ROB/RUB-I)/03/2021-22/D- 310

Dated 14.10.2021

SHORT TERM NOTICE INVITING BID

NIB No. : EE-(ROB/RUB)/03/2021-22

Online Bids are invited upto 6.00 PM of 25.10.2021 for "**Procurement, installation commissioning and testing of oxygen plant within one month turnkey basis (Supply, installation, Civil/Mechanical/Electrical work) with one year O&M and two years warrantee as defect liability period at designated places (14) of the state.**" estimated cost of Rs. 10.50 Crore. The Last date of for applying bid and making online payment on JDA portal is up-to 6.00 PM of 25.10.2021. Details may be seen in the Bidding Document at our office or the State Public Procurement Portal website www.sppp.rajasthan.gov.in, www.eproc.rajasthan.gov.in and www.jda.urban.rajasthan.gov.in

(UBN No. _____)

To participate in the bid, bidder has to be:

1. Registered on JDA website www.jda.urban.rajasthan.gov.in

For participating in the Bid, the Bidder has to apply for the Bid and pay the Bidding Document Fee, RISL Processing Fee online only and Bid Security can be Deposit online or through BG.

2. Registered on e-Procurement Portal of Government of Rajasthan www.eproc.rajasthan.gov.in for online e-Bid submission.

(Bahadur Singh)
Eecutive Engineer-(ROB/RUB-I)

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

Office of EE (ROB/RUB-I) Room No. CCC TF 306, JDA, Indira Circle, JawaharLal Nehru Marg, Jaipur – 302 004
Telephone: +91-141-2569696 EPABX 5306 email: - bahadursingh.lsg@rajasthan.gov.in, bsfozdar@gmail.com

No.: JDA/EE-(ROB/RUB-I)/03/2021-22/D-310

Dated 14-10-2021

SHORT TERM NOTICE INVITING BID**NIB No. : EE (ROB/RUB-I)/03/2021-22**

Name & Address of the Procuring Entity	➤ Name: Bahadur Singh, Executive Engineer- ROB/RUB-I, Jaipur Development Authority ➤ Address: Room No. CCC TF 306, JDA, Indira Circle, Jawaharlal Nehru Marg, Jaipur 302004 (Rajasthan). ➤ Email:-bahadursingh.lsg@rajasthan.gov.in, bsfozdar@gmail.com ➤ Mobile No 8890219000
Subject Matter of Procurement	Procurement, installation commissioning and testing of oxygen plant within one month turnkey basis (Supply, installation, Civil/Mechanical/ Electrical work) with one year O&M and two years warrantee as defect liability period at designated places (14) of the state.
Bid Procedure	➤ Two part (Envelope) tender (eg. two part (envelope) open competitive) eBid procedure at http://www.eproc.rajasthan.gov.in
Bid Evaluation Criteria (Selection Method)	➤ L1 (eg. Least Cost Based Selection (LCBS)-L1)
Websites for downloading Bidding Document, Corrigendum's, Addendums, etc.	➤ Websites: www.sppp.rajasthan.gov.in, www.eproc.rajasthan.gov.in, www.jda.urban.rajasthan.gov.in
Website for online Bid application participation and payment	➤ Website: www.jaipurjda.org for participating in the Bid, the Bidder has to apply for this Bid and pay the Bidding Document Fee, RISL Processing Fee online only. Bid Security can be deposited online or in the form of BG. ○ Bidding document fee: Rs. 1000/- (Rupees One Thousand only) ○ RISL Processing Fee: Rs. 1000/- (Rupees One Thousand only) ○ Requisite Bid Security Deposit/ Bid Security declaration
Estimated Procurement Cost	➤ Approximate INR 10.50 Crore (Rupees Ten Crore Fifty Lacs)
Bid Security Deposit	➤ All the eligible contractors should be submit Bid Security declaration (0.50% for agencies registered in JDA & 1% for agencies registered other than JDA/ private entity) on non-judicial stamp of Rs. 50/- of the State of Rajasthan as per office order issued by Finance Department (GF&AR) GoR vide no F.2(1)Fin/G&T-SPFC/2017 Jaipur GoR dated 23.12.2020 (Declaration form attached with tender document). Bidder may also opt to submit the bid security in form of Bank Guarantee in favour of Secretary, JDA payable at Jaipur of any nationalized/ Scheduled bank. It is mandatory to submit bid security declaration in prescribed format along with the bid.
Date/Time/place of Pre-Bid	➤ 20.10.2021 at 11 AM, at Manthan Hall JDA

Applying Bid and making online payment on JDA portal (www.jda.urban.rajasthan.gov.in)	➤ Start Date: 16.10.2021 from 09.30 AM onwards ➤ End Date: 25.10.2021 at 6.00 PM
Bid submission on e-Procurement Portal of GOR (WWW.Eproc.rajasthan.gov.in)	➤ Start Date 16.10.2021 from 09.30 AM onwards ➤ End Date: 25.10.2021 at 6.00 PM
**Date/ Time/ Place of Technical Bid Opening	➤ 28.10.2021 at 11:00 AM
Date/ Time/ Place of Financial Bid Opening	➤ Successful for technical bidder will be Informed later on
Bid Validity	➤ 90 days from the bid submission deadline
Time Period	➤ 01 Months
* Jaipur Development Authority has decided to receive Bid Security, Tender Fee and RISL processing fee online through JDA Portal. However Bid Security can also be deposited in the form of BG. The Bid Security options available in tender for participants are a mentioned below: The bidder also has choice of depositing Bid security/ EMD through bank guarantee (BG) also. In case of bidder opting to submit bid security through BG in the format provided along with bid document, the bidder will be provide details of BG viz , bank guarantee no, issuing date, expiring date etc. on online tendering system of JDA. However, the tender fees and processing charges of RISL continue to be paid through online mode only i.e. Payment gateway of RTGS/NEFT. A copy of the Bank Guarantee will be required to be attached with the bid submission document uploaded on e-Procurement portal of GOR. The physical Bank Guarantee will be deposited in JDA Only after schedule date & time of closing date for submission of bid on e-Procurement portal of GOR The physical Bank Guarantee will be physically handed over to Nodal Office of online tendering system of JDA (Presently in Room No. MB-SF-225A of Main Building). After verification, original BG will be sent to respective procuring entity which will be refunded/returned by procuring entity as per rules.	
Note: - Bidder (Authorized signatory) shall submit their offer on-line in Electronic formats both for (1) Envelope- 1:Technical Bid and (2) Envelope-2: Financial proposal. - In case, any of the bidders fails to pay the Tender Fee, BSD, and RISL Processing Fee, online (subject to confirmation), its Bid shall not be accepted. - To participate in online bidding process, Bidders must procure a Digital Signature Certificate (Type III) as per Information Technology Act-2000 using which they can digitally sign their electronic bids. Bidders can procure the same from any CCA approved certifying agency, i.e. TCS, Safecrypt, Ncode etc. Bidders who already have a valid Digital Signature Certificate (DSC) need not procure a new DSC. Also, bidders must register on http://eproc.rajasthan.gov.in (bidders already registered on http://eproc.rajasthan.gov.in before 30-09-2011 must register again). - JDA will not be responsible for delay in online submission due to any reason. For this, bidders are requested to upload the complete bid well advance in time so as to avoid 11th hour issues like slow speed; choking of web site due to heavy load or any other unforeseen problems. - Bidders are also advised to refer "Bidders Manual Kit" available at eProc website for further details about the e-Tendering process. - Training for the bidders on the usage of e-Tendering System (eProcurement) is also being arranged by DoIT&C, GoR on a regular basis. Bidders interested for training may contact e-Procurement Cell, DoIT&C for booking the training slot. Contact No: 0141-4022688 (Help desk 10 am to 6 pm on all working days) e-mail: eproc@rajasthan.gov.in Address : e-Procurement Cell, JDA, YojanaBhawan, Tilak Marg, C-Scheme, Jaipur - The procuring entity reserves the complete right to cancel the bid process and reject any or all of the Bids. - No contractual obligation whatsoever shall arise from the bidding document/ bidding process unless and until a formal contract is signed and executed between the procuring entity and the successful bidder. - Procurement entity disclaims any factual/ or other errors in the bidding document (the onus is purely on the individual bidders to verify such information) and the information provided	

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| therein are intended only to help the bidders to prepare a logical bid-proposal. |
| 10. The provisions of RTPPA Act 2012 and Rules thereto shall be applicable for this procurement. Furthermore, in case of any inconsistency in any of the provisions of this bidding document with the RTPP Act 2012 and Rules thereto, the later shall prevail. |
| 11. The bidder shall ensure that the bid security in the form of BG/ Security bid declaration shall remain valid up to the end of defect liability period as per GOR order no F.01(24)UDH/1/2020 loose Jaipur, dated 20.09.2021 |

Executive Engineer-(ROB/RUB-I)

Section I: Instructions to Bidders

Important Instruction:- *The Law relating to procurement “The Rajasthan Transparency in Public Procurement Act, 2012” [hereinafter called the Act] and the “Rajasthan Public Procurement Rules, 2013” [hereinafter called the Rules] under the said Act have come into force which are available on the website of State Public Procurement Portal <http://sppp.rajasthan.gov.in>. Therefore, the Bidders are advised to acquaint themselves with the provisions of the Act and the Rules before participating in the Bidding process. If there is any discrepancy between the provisions of the Act and the Rules and this Bidding Document, the provisions of the Act and the Rules shall prevail.*

1. **Scope of Bid:** In support of the Invitation to Bid indicated in the Bid Data Sheet (BDS), the Procuring Entity, as indicated in the BDS, issues this RFP for the supply of Goods/equipment and Installation Services incidental there to, as has been specified in Section V [Schedule of Supply (SS)]. The Bid includes the e-Bid, i.e. the bid invited through www.sppp.rajasthan.gov.in, www.eproc.rajasthan.gov.in and www.jda.urban.rajasthan.gov.in latest by 25.10.2021 at 6.00 PM.
2. **Code of Integrity:** No person participating in a procurement process shall act in contravention of the code of integrity prescribed by the State Government, as per Section 11 of the RTTP Act and Rule 80 of the RTTP Rules.
3. **Conflict of Interest:** A conflict of interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations. A Bidder should not have a conflict of interest in the procurement in question as stated in the Rule 81 and this Bidding document. The bidders must well acquaint themselves with the provisions of the RTTP Act & Rules in this regard and must act accordingly. Annexure "A", "B", "C" & "D" as attached should be duly signed by the firm otherwise the bid shall be deemed to be rejected.
4. **Eligible Bidders:** A Bidder may be a **natural person, private Entity, government-owned Entity manufacturer/Authorized Dealer/Supplier/Agent.**
5. **Eligible Goods and Installation Services:** For purposes of this Clause, procurement, installation, commissioning and testing of oxygen plant within one month on turnkey basis (supply, installation, civil/Mechanical/Electrical work) with one year O&M and two years warranty as defect liability period at designated places (14) of the State.
6. **Language of Bid :** English/Hindi
7. **Price:** The price of the Goods quoted total price FOR at site or place of delivery of the item.
8. **Turnkey basis services:** The documentary evidence may be in the form of literature, design/drawings or data etc., and shall consist of a detailed description of the essential technical and performance characteristics of the Goods and Installation Services, demonstrating substantial responsiveness of the Goods and Installation Services documentary evidence specifications, designs and drawings and conformance to BIS or other acceptable codes)
9. **Period of Validity of Bids:** 90 Days
10. **Deadline for Submission of Bids:** through www.sppp.rajasthan.gov.in, www.eproc.rajasthan.gov.in and www.jda.urban.rajasthan.gov.in latest by 25.10.2021 at 6.00 PM.
11. **Bid Opening: on 28.10.2021 at 11.00 AM.**
12. **Clarification of Technical or Financial Bids:** To assist in the examination, evaluation, comparison and qualification of the Technical or Financial Bids, the Bid evaluation committee may, at its discretion, ask any Bidder for a clarification regarding its Bid as per RTTP Rules 2013
13. **Evaluation of Qualification of Bidders in Technical Bids:** by the committee based on criteria bidder whose proposal technically responsive will be considered for financial bid opening.
14. **Procuring Entity's Right to Accept Any Bid, and to Reject Any or All Bids:** The Procuring Entity reserves the right to accept or reject any Bid, and to annul the Bidding process and reject all Bids at any time prior to Contract award without assigning any reasons thereof and without thereby incurring any liability to the Bidders.
15. **Procuring Entity's Right to vary place and Quantities:** As per the requirement
16. **Acceptance of the successful Bid and award of contract:** As per RTTP Rule 2013
17. **Signing of contract:** After approval of lowest evaluated rates from competent Authority by JDA, Jaipur

18. This RFP Document and any addenda thereto, together with any further communications are now being issued for the purpose of inviting bids only. The bidder shall not disclose any information contained in the documents or otherwise supplied in connection with this bid invitation to any third party except for the purpose of preparing his Bid. The bidder shall maintain complete confidentiality till the Contract is awarded. In the event that such confidentiality is breached, JDA may reject the Bid.
19. The bidders are advised to explicitly read this RFP document, addendum /corrigendum /clarification issued, if any, as available on www.sppp.rajasthan.gov.in included in the scope of work & all other terms & conditions mentioned in the RFP shall be applicable.
20. Alterations or overwriting, if any, should be avoided. However, if there are any, should be legible and signed by the bidder alongside such alterations or overwriting. However, whitener should not be used for any alterations.
21. Bids complete in all respects must be submitted not later than the date and time indicated JDA, Jaipur may, at its discretion, extend this deadline for the submission of Bids by amending the RFP Document and in that case all rights and obligations of JDA, Jaipur and the bidders previously subject to the original deadline shall thereafter be subject to the deadline as extended.
22. The bidder will be bound by the details furnished by it to JDA, Jaipur while submitting the Bid or at subsequent stage. In case any of such documents furnished by it is found to be false at any stage, it would be deemed to be a breach of terms of contract making it liable for legal action besides termination of License.
23. JDA, Jaipur may at its sole discretion and at any time during the processing of Bid, disqualify any bidder from the Bidding process if the bidder has: Made misleading or false representations in the forms, statements and attachments submitted in proof of the eligibility requirements. If found to have a record of poor performance such as abandoning works, not properly completing the contract, inordinately delaying completion, being involved in litigation or financial failures, etc. Fails to provide clarifications related thereto, when sought. JDA, Jaipur, at its sole discretion and without incurring any obligation or liability, reserves the right, at any time, to; suspend and /or cancel the Process and/ or amend and/ or supplement the bidding Process or modify the dates or other terms and conditions relating thereto; consult with any bidder in order to receive clarification or further information; retain any information and/ or evidence submitted to the JDA, Jaipur by, on behalf of, and/ or in relation to any bidder; and/ or Independently verify, disqualify, reject and/ or accept any and all submission or other information and/ or evidence submitted by or on behalf of any bidder.
24. It shall be deemed that by submitting the bid, the bidder agrees and releases the JDA, Jaipur, its employees, agents and advisers, irrevocably, unconditionally, fully and finally from any and all liability for claims, losses, damages, costs, expenses or liabilities in any way related to or arising from the exercise of any rights and/ or performance of any obligations hereunder, pursuant hereto and: or in connection herewith and waives any and all rights and / or claims it may have in this respect, whether actual or contingent, whether present or future.
25. JDA, Jaipur reserves the right to verify all statements, information and documents submitted by the bidder in response to the Bid Document. Any such verification or lack of such verification by the JDA, Jaipur shall not relieve the bidder of its obligations or liabilities hereunder nor will it affect any rights of the JDA, Jaipur there under.
26. JDA, Jaipur may issue clarification/ amendments on its own or in response to queries. All clarifications and interpretations issued by JDA, Jaipur shall be deemed to be part of the RFP.
27. The Bid shall contain: with each page signed by the bidder in acceptance of the terms and conditions therein, along with scanned copy of all the required documents. All the documents should be signed and stamped on each page, before scanning, by the authorized representative of the bidder.
 1. Manufacturer Authorization Certificate.
 2. Sale and Service Centre Details.
 3. Self-declaration on Letterhead for Non-Black-listing.
 4. Status of Firm (Individual/Partnership firm/Company) should be submitted with proof.
 5. GST registration Certificate
 6. Compliance sheet with brochure and required Certification Documents

- 28. Financial Proposal:** This Part should contain the financial offer in the prescribed format as per Annexure- A. Financial proposal should not be indicated at any place other than specified sheet in the Bid, otherwise the proposal shall be summarily rejected.

Note: Rate quoted should be all inclusive for carrying out activities in the scope of supply and installation, commissioning and warrantee of supplied item during warrantee period. It is to be noted that any other taxes, as applicable shall be inclusive, only GST as applicable chargeable extra as per the prevailing rate and rules.

(A) Envelope 1 : Technical Bid Evaluation and Qualification Criteria

The following criteria may be used individually or in combination to establish one or several critical qualifications of the Bidder:

S.No	Criteria	Document Required
1.	Contractual Experience: The bidder should be in business and should be registered in business at least the last 3 years.	Valid registration certificate Rajasthan Shop & Commercial Establishments Act, 1958 or registered in MSME/DIC or any other act of GoI/GoR or company registered under Indian Companies Act 1956
2.	Technical Experience: The bidder should have satisfactory supplied and installed one oxygen plant (on PSA) technology in the last Five years. Experience of current year shall also be counted up to the last day of month previous to the one in which tender invited.	Bidder should provide copy of work order and its completion/performance certificate/material receipt/payment installation document wherever goods supplied and delivered
3.	Manufacture's Authorization	Copy of certificate issued by manufacture in prescribed format in bid document
4.	Oxygen generation plant shall have valid certification of ISO 13485/CE/US FDA standard	Copy of valid certification
5.	GST registration certificates: GST registration certificates shall be submitted by the Bidder	Copy of GST registration
6.	The written confirmation of Authorization to sign on behalf of the Bidder shall consist: Power of Attorney/ Board Resolution by the Bidder required/ Letter of Authorization written on the Letter Head by the Bidder	On letter head

Note:

- For experience claim bidder should provide copy of work order and its completion/performance certificate/material receipt/payment related document wherever goods supplied and delivered to GoI/GoR/Autonomous Bodies of GoI/GoR/ULB/Government undertaking/Public Sector Undertaking/ Government Enterprises or Government/Private Hospitals.*
- In case of substantially completion, Supplier has completed supply and delivery of goods (equipment/vehicle/machinery) at least the quantity required for qualification, out of large size contract shall be taken as technical experience.*

Delivery and Completion Schedule

Delivery: “Delivery”, as used herein, shall mean the date of delivery of the Goods to the designated Place of Delivery. The delivery period shall be **one month** start as of stipulated date of start as per Notification of Award. **Delivery location:** Delivery shall be given at the site. The FOR of supply shall be workshop/ office/ the destination as mentioned in supply order. Director or his authorized representative may also issue purchase/supply order or/and make payment. The successful bidder has to execute such orders placed with him in accordance the condition of the contract. F.O.R at respective place/hospital.

Oxygen Gas Plant establishment tentative location and approx capacity

Sr. No	Name of City	Name of Agency	Approx Plant Capacity	
			No. of Cylinders (per day)	48N3/Hour for each plant
1	2	3	4	5
1	Jaipur	JDA	3 plants X 150 each = 450	48
2	Jodhpur	JoDA	1 plant X 150 each = 150	48
3	Ajmer	ADA	1 plant X 150 each = 150	48
4	Kota	UIT	6 plant X 150 each = 900	48
5	Udaipur	UIT	1 plant X 150 each = 150	48
6	Bikaner	UIT	1 plant X 150 each = 150	48
7	Bharatpur	UIT	1 plant X 150 each = 150	48

Technical Specifications**A. Specifications and standards:-**

- The supplier shall ensure that the goods and services comply with the technical specifications and other provisions of the contract.
- The supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the purchaser, by giving a notice of such disclaimer to the purchaser.
- The goods and services supplied under this contract shall conform to the standards of the technical specifications, when no applicable standard is mentioned; the standards shall be equivalent or superior to the official standard whose application is appropriate to the country of origin of the goods.
- Wherever references are made in the contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in technical specifications
- During contract execution, any changes in any such codes and standards shall be applied only after approval by the Department and shall be treated in accordance with the conditions of contract

B. Schedule of equipment and technical specifications:

- The bidders shall complete the schedule (s) and technical specifications for the goods and equipment to be supplied in their entirety so as to demonstrate their compliance with the requirements of the bidding documents.
- The materials, equipment and services to be supplied under the contract shall be like that use of such materials equipment and services shall not infringe or violate any industrial property or intellectual property rights or claims of any third party.
- Oxygen purity should be 93% +-3 supply should be medical oxygen grade only
- discharge pressure more than 7.5 bar
- Flow meter shall be approved /celebrated from appropriate authority

- vi. Auto switch over system for regular supply of oxygen
- vii. Voltage Stabilizer for the plant shall be provided
- viii. Product shall have valid certification e.g. UPS/IP/CENDA/Indian Drugs Standard Control Organization
- ix. System shall be attached with existing manifold room and pipeline
- x. Circuit diagram & manual of the equipment will be provided by supplier
- xi. All required spare parts should be available at service centre of supplier

General Civil Specification proposed for oxygen plants shed in hospitals located all over State of Rajasthan

1. Prefab structures or on site shed made of angle iron structure, wall and roofing of coated CGI sheets (TATA Blue Scope) and pipe structure.
2. Plinth of shed either existing or for new plinth minimum 600 mm or more as per site requirement. Foundation below ground level shall be designed to cater all load (dead, live, vibration etc)
3. Height of structure minimum 3.5 mt.
4. Flooring- Tremix cement concrete 100 mm thick flooring with Ironite topping to give smooth and tough finish over 100 mm thick PCC (1:1.5:3) and 200 mm thick stone soling.
5. 1 m minimum circulation space to be kept around plant.
6. Provision of exhaust fan, ventilator, steel door and window as per norms.

Note: - Height and dimension to be vary according to plant capacity. Where ever the platform upto plinth level exists and used for installation of plants than deduction of an amount of Rs 2.00 Lacs shall be made from the quoted rate.

Estimate

Name of work: - SITC of Oxygen Generation Plant 150 Cylinders Capacity in Rajasthan.

NON 3SR ITEM (PART-A)

S.No.	Item
1	SITC of Pressure Swing Absorption Oxygen Generator Plant capacity should be minimum 48 cum per hr. or Approx 800 LPM equal to 150 (Approx.) Jumbo Cylinders per day with stand alone two compressor and two dryers, after cooler etc. working in tandem As per following Specifications:
a	Purity of Oxygen 93%± 3% @4.1 bar pressure minimum
b	For 150 cylinder: Rotary Screw type air compressor of suitable capacity (2 Nos) as per afore mention with each having minimum <u>58-60 KW</u> capacity or higher capacity as required, <u>400 V-415 v /3 Phase /50 HZ</u> supply system, Outlet pressure minimum 4.1BAR, Maximum Output Pressure 7.5 BAR. These specifications are minimum specifications. The successful bidder has to design the plant with adequate capacity of compressors and dryers so as to meet the requirement of 48 Nm ³ /Hr [Approx 800 LPM equal to 150 (Approx.) Jumbo Cylinders per day]. It should be noted that one compressor and one dryer should be standalone.
c	The unit should comprise four stage air filtration , consists of moisture separator , 0.1 micron pre filter before the Refrigerated air dryer , another two filters 0.1 and 1 micron after the dryer then a carbon tower which makes sure 0 oil and vapour in the downstream air. The carbon should last for more than three years and it should be provided 1 micron filter after carbon tower. Beneath this filter a moisture alarm should be incorporated to switch off the PSA system in case of dryer auto drain failure. In the Oxygen downstream it should incorporate 0.5 particle filter and a bacterial filter.
d	For 150 This unit should also comprise of 1nos air receiver 1500 Litres , <u>oxygen /Buffer tanks</u> 1500 Ltrs as per standards, an in-line flow meter, In-line Oxygen Analyzer, certifying the capacity shall be installed at the outlet of the oxygen receiver
e	In case PSA Oxygen Generator failure, an auto switch over system to regular supply of oxygen is incorporated so that automatically back up from cylinders shall be taken over. To show this effect an alarm system should be installed with this system.

f	All the system piping and fittings, all the interconnections, and piping up to manifold room shall be of copper and is in the scope of work of the bidder.
g	This system should be comprising of OFF -Spec Valve to prevent the supply of impure oxygen to go into the system if the purity goes to below the 90%.
h	The Unit can be monitor on line through by service team /authorized person 24/7 on no extra cost
	The Voltage Stabilizer of suitable capacity and standard make as per manufacturer guideline should be provided.
	The size of the display screen (Touch screen digital Display) 7" to 10 "
	The Makes of PSA Plant should be ISO:13485/CE/US FDA certified.
	The bidder shall have to be submit test results from NABL notified third party inspection after installation and commissioning of PSA Plant.
2	P&F 240/415 V AC MCB with positive isolation of breaking capacity not less than 10 KA (B/ C/ D tripping characteristic) ISI marked IS 8828(1996)]/ conforming to IEC 60898 in existing board/sheets including making connections, testing etc. as required. Four Pole MCB 40 A 63 A rating
3	Maintenance free Gel Earthing with Pipe in pipe / Pipe in strip technology filled with anti corrosive conductive compound (CPRI Tested) below the ground in 150 - 200 mm dia. earth pit & surrounding filled with required mineral filling compound (MFC should have hygroscopic property to retain the moisture for long time to create low resistance zone) and C.C. finished chamber covered with hinged type with locking arrangement C.I. Cover, C.I. Frame of size 300mm x 300mm complete testing of earth resistance as required. of following sizes.
	With Strip in Pipe Technology with 80 - 100 micron GI Coating
	GI pipe 2000 mm long , 63 / 80mm, Inner strip 50 mm x 3 mm copper
4	S & Laying following size earth wire/strip in horizontal or vertical run in ground/surface/recess Including riveting, soldering, saddles, making connection etc. as required. 8 SWG copper Wire 20mm x 3mm copper strip
5	SITC of wall/ free standing floor mounted dust and vermin proof compartmentalized cubical panel made out of CRCA sheet, required hardware, duly treated for derusting in 7 tank process with dephosphating and with powder coating on both side of panel in desired shade The panel having PU/ Neoprene rubber gasket of not less than 3mm thickness , separate detachable gland plate M.S. base channel ,hinged door with locking arrangement for equipment/switchgear . Thickness of sheet shall not be less than 1.6 mm up to 600 mm length / width of any compartment and be of 2.0 mm above 600 mm. Load bearing structure shall be of 2.0 mm thick sheet supported by base M.S. channel if required . Side walls and cable alley compartments having bolted type doors with / without detachable extension type structure. (only outer area on all sides shall be measured & panel to be fabricated from CPRI approved fabricator)
6	Supplying and fixing of Aluminum / Copper bus bar by means of SMC / DMC type insulator, high tensile nuts and bolts spring washers in existing panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves. Electrolytic grade Aluminum bus bar
7	SF of (0-500) V range Volt meter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required. Digital type
8	SF of CT operated direct reading type Ampere meter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required. Digital type Below 500 A
9	SF of Current Transformer , with all necessary support in existing panel including connection etc. as required . up to 150 / 5 Ratio , 5 VA , class 1 accuracy
10	SF of selector switch of 10 A for voltmeter (4 position) including making connection etc.
11	SF of CT linked selector switch of 10 A for Ampere meter (4 position) including making connection etc. as required .

12	SF of 110/220 V, LED (22.5 mm dia) Indicating lamp with integral circuit, terminal block, including connection etc. as required. Red/yellow/Green colour
13	S & F of Electrical insulating rubber matts confirming to IS: 15652 / 2006 with one side anti skid aberration marks and pasting the mat with synthetic rubber adhesive as required. 3.3 KV, 2 mm thick with proof voltage 10 KV / 3 min. and Break Down Voltage 30 KV
14	P/Laying P.V.C. / XLPE insulated & P.V.C. sheathed cable of 1.1 KV grade with aluminum conductor of IS:1554 P-I / IS :7098 P - I of Group 1 of approved make in ground as per IS:1255 including excavation of 30cmx75cm size trench, 25 cm thick under layer of sand, IInd class bricks covering, refilling earth, compaction of earth, making necessary connection, testing etc. as required of 3.5 core* 240.0 Sq.mm/ 3.5 core* 150.0 Sq.mm as required for successful running of plant from Electric panel at transformer up to the oxygen plant (upto 100 mtr length).
15	P&F on load change over switch, front handle operated, four pole 415 V conforming to IS:13947 P-III including connections , testing etc. as required in the following rating: Open execution type200 A
16	S & Laying following size' B ' class G.I. Pipe confirming to IS : 1239 P - 1 (1990) with accessoriesfor laying earth conductor/strip / cable in ground/surface/recess as required 100 mm dia.
17	Supplying and making one end termination with heavy duty single compression brass gland SIBG type, heavy duty aluminium lugs duly crimped with crimping tool, PVC tape etc for following size ofArmoured PVC insulated & PVC sheathed/ XLPE aluminium conductor cable of 1100 volt grade as required of size. 3.5 core* 240.0 Sq.mm/ 3.5 core* 150.0 Sq.mm
18	SITC of quick make and quick break 4 POLE current limiting MCCB having following current rating, short circuit breaking capacity at 440/415 V, 50 Hz; O/L & S/C settings and conforming to IS 60947-2 / IEC 60947-2 with front face and centralized adjustable, line load interchangeability, having positive isolation capability, provision for UVR , shunt trip ,earth fault trip, push (test) to trip , including making connections with lugs & spreaders, etc. as required. With Thermal Magnetic release up to 100/250 Amp , 25 kA, fixed O/L & S/C setting 160/400 Amp, 25 kA, adjustable O/L & fixed S/C setting, Ics = 100 % Icu
19	Supply & Fixing ISI marked (IS : 15683) Portable fire Extinguisher, Carbon-dioxide type flat base including valve, discharge hose of not less than 10 mm dia. min. 600 mm long & complete in all respects including initial fill with C02 gas confirming to IS:307-1966 filled to a filling ratio of not more than 0.667and wall suspension bracket. Capacity 4.5 Kg.
20	P&F of Heavy duty capacitor start, Double ball bearing 900/1400 RPM single phase ISI marked Exhaust fan,IS:2312 marked in existing opening including making connections testing etc. as required. 380 mm sweep(900/1400 RPM)

Inspections and Tests

The following inspections and tests shall be performed:

S. No	Brief Description of Item	Description of Inspection and/ or Trial and/ or Test for full conformanceof the product to the specifications given in RFP
1.	Oxygen plant with all equipment and accessories	Inspections: As per specifications as per relevant IS code
2.		Tests: as per technical specification and GoI/GoR norms

AWARD OF CONTRACT/ AGREEMENT & SECURITY DEPOSIT

1. Prior to the expiry of the period of validity of the bid, the successful bidder shall be notified through a Letter of Acceptance (LoA) sent through email to be confirmed in writing by Registered / Speed Post
/ By hand that its Bid has been accepted. Upon receipt of the „LoA“, the successful bidder(s) shall

return/submit one copy of the LoA duly signed and accepted by its authorized signatory **within 2days** of from the date of issue of LoA through e-mail. or by presence.

2. **Performance Security Deposit will be** equal to 2.5% of Value of order/contract amount in the form of DD/BC/FDR/Bank Guarantee from any scheduled bank (having its branch at Jaipur) in favour of Secretary, JDA, Jaipur is required to be deposited. The bank guarantee should remain valid for a period of 09 months (Nine months) beyond the date expiry of the "Warrantee Agreement" from the date of issue of PBG. The Performance Security is to ensure due performance of all obligations of the agency under the contract against an event of default by the agency and/or any material breach of its obligations there under. The Performance Security Deposit shall be refunded after adjustment of outstanding dues, if any, made in accordance with this contract, to the bidder on his application within one month after the completion of contract period and warrantee clause to JDA, Jaipur. The security deposits shall not carry any interest during the tenure of the Contract.
3. Agreement on a non-judicial stamp paper of Rs 500/- only as per stamp act shall be executed between the successful bidder and JDA, Jaipur within 5 days of issue of LoA. The original copy of the agreement shall be retained by JDA, Jaipur and the copy shall remain with agency.
4. The cost of stamp duty for execution of agreement and any other related legal documentation charges / incidental charges shall be borne by the successful bidder only.
5. JDA, Jaipur shall retain the right to withdraw the LoA in the event of the successful bidder's failure to accept the LoA within the limit specified in the above clause. The bidder shall not seek any claim, compensation, damages or any other consideration whatsoever on this account.
6. **Any** request for extension of time for deposition of security deposit shall be made in writing with due justification and it shall be at the discretion of JDA, Jaipur to accept or reject such request.
7. **JDA**, Jaipur shall have the right to invoke and appropriate the proceeds of the Security Deposits in whole or in part, without notice to the Agency in the event of breach of this Agreement or for recovery of liquidated damages or penalties as per rules/under RTTP ACT 2012 and RTTP Rules 2013.
 - i. The performance security deposit shall be refunded after adjustment of outstanding dues, if any, made in accordance with this contract, to the bidder on his application within one month after at the end of full term of contract period.
 - ii. JDA, Jaipur shall reserve the right for deduction of JDA, Jaipur dues from the performance security deposit at any stage of agreement, i.e., current/ completion/termination/surrender, against:
8. Any amount imposed as penalty and adjustment for all losses/damages suffered by JDA, Jaipur for any non-conformity with the terms & condition of the agreement.
9. Any amount for which JDA, Jaipur becomes liable to the Government/ Thirdparty due to any default by any employee / agent of the supplier.
10. Any payment/ fine imposed under the order/judgment of any court/consumer forum or law enforcing agency or any person working on behalf of the Supplier.
11. In case of non-acceptance of LoA or non-signing of contract by the successful bidder, even after 5 days of issue of LoA, JDA, Jaipur shall cancel the LoA and may award the contract to the other bidder, at its discretion.
12. Required approval from authority shall be taken as per the norm of Rajasthan State Pollution Control Board
13. **Warrantee Clause** : The warrantee of supplied items should be two years from date of Installation

with all parts without taking any considering electric parts or other treated as consumables. During warrantee period supplier is bide to serve services on urgent basis to make the equipment serviceable.

14. Payment Terms:

Upon delivery of the Goods to the place of delivery, the Supplier shall notify the Procuring Entity and shall submit the following documents for payment

- a. Two copies of invoice/bill showing the description all details
 - b. Delivery note, transport receipt, if any;
 - c. Manufacturer or Supplier's warranty certificate in original;
 - d. Pre-shipment/ supplier's factory inspection reports & test reports carried out at works.
 - e. Receipt of Goods from representative of Procuring Entity.
- (i) Payment of 80% of contract amount will be made after receive of machinery in good condition and inspection at designated place (after adjustment of advance payment amount in case of advance payment made to the contractor)
 - (ii) Balance 20% of contract amount payment will be made after commissioning, testing and successfully operation of plant at designated site complete in all respect as per condition of contract & 3rd party inspection report.
 - (iii) Advance payment 50% of the contract amount, if desired by the supplier shall be released against submission of unconditional Bank Gaurantee of Nationalized Bank/Scheduled Bank of equal amount in the name of Secretary JDA, Jaipur payable and invocable at Jaipur. The advance payment bank guarantee validity should be 30 days beyond the delivery period and it shall be released against delivery of equipment as per terms and conditions.

15. Liquidated Damages: Subject to provisions of RFP, if the Supplier fails to deliver any or all of the Goods or perform the Installation services within the period specified in the Contract, the Procuring Entity shall, without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages on the basis of the maximum amount of liquidated damages shall be 10%. Once the maximum is reached, the Procuring Entity may terminate the Contract pursuant to RFP.

16. Operation and maintenance: - The Supplier shall ensure the continuity of the plant and that the breakdown or the deterioration in performance of the machine under normal operating conditions of any items of the machine and equipment and component parts thereof is kept to a minimum. Full operational maintenance comprises the planned and regular maintenance carried out by the supplier on a day-to-day basis, including cleaning, lubricating, minor adjustment, together with the preventive and corrective maintenance plan for those items of the plant and equipment. It is further clarify that O&M for one (01) year shall be carried out by the bidder including re

17. During the DLP period all complaints/defects/defective parts shall be replace by the vendor within 24 hour after receiving complaint.

18. The Supplier/Contractor shall be fully responsible for any damage of breakage of civil work during execution.

19. All the labour laws and safety laws shall be applicable all the safety arrangement shall be done by the contractor

20. All safety measures required for COVID-19 pandemic shall be complied.

21. Any Dispute will be resolution by the committee and Jurisdiction of Court Jaipur only.

22. All the provision of RTTP Act 2012 and Rule 2013 shall be applicable.

Contract Agreement Forms

(To be executed on a non judicial stamp of appropriate value)

THIS AGREEMENT made on this day _____ of _____, between of (hereinafter “the Procuring Entity”), of the one part, and of hereinafter “the Supplier”), of the other part:

WHEREAS the Procuring Entity invited Bids for certain Goods and Installation Services, viz., ___ and ___ has accepted a Bid by the Supplier for the supply of those Goods and Installation Services for the sum of _____ (herein after “the Contract Price”).

NOW THIS AGREEMENT WITNESS AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - a) Supply Order
 - b) The Procuring Entity’s Notification to the Supplier of Award of Contract;
 - c) Addendum if any
 - d) The Special Conditions of Contract;
 - e) The General Conditions of Contract;
 - f) The Schedule of Supply and technical specification;
 - g) Instructions to Bidders;
 - h) The Notice Inviting Bids;

This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, the documents shall prevail in the order listed above.

3. In consideration of the payments to be made by the Procuring Entity to the Supplier as indicated in this Agreement, the Supplier hereby covenants with the Procuring Entity to provide the Goods and Installation Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Procuring Entity hereby covenants to pay the Supplier in consideration of the provision of the Goods and Installation Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
5. Jurisdiction of court shall be at Jaipur court only

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of India and Rajasthan on the day, month and year indicated above.

Signed by (For and on behalf the Supplier)

Signed by the Procuring Entity (On behalf of Governor of Rajasthan)

Name

Signature

In the presence of

Witness 1

Name

Signature

Address

Witness 2

Name

Signature

Address

Date

In the presence of

Witness 1

Name

Signature

Address

Witness 2

Name

Signature

Address

Date

Performance Security

(To be given by a Scheduled Bank in India or other Issuer acceptable to the Procuring Entity)

Date:

Contract Name and No.:

To: Secretary, JDA, Jaipur

WHEREAS _____ (hereinafter “the Supplier”) has undertaken, pursuant to Contract No. _____ dated _____ to supply _____ (hereinafter “the Contract”).

AND WHEREAS it has been stipulated by you in the aforementioned Contract that the Supplier shall furnish you with a Security issued by a reputable guarantor for the sum specified therein as Security for compliance with the Supplier’s performance obligations in accordance with the Contract.

AND WHEREAS the undersigned, legally domiciled in _____, (hereinafter “the Guarantor”), have agreed to give the Supplier a Security:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total an amount of rupees* _____ and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract, without cavil or argument, any sum or sums within the limits of

_____ as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

The Guarantor agrees to extend this guarantee for a specified period in response to the Procuring Entity’s written request for such extension for that specified period, provided that such request is presented to the Guarantor before the expiry of the guarantee.

This guarantee shall expire, no later than the Day of . . . , **, and any demand for payment under it must be received by us at this office on or before that date.

Name

In the capacity of Signed

Duly authorized to sign the Security for and on behalf of Bank’s Seal Date

* The Guarantor shall insert an amount representing the percentage of the Contract Price specified in the Contract

** Insert the date sixty days after the expected completion date, including period of Warranty/ Guarantee and maintenance period, if any.

Notes: 1. All italicized text is for guidance on how to prepare this advance payment guarantee and shall be deleted from the final document.

2. The Procuring Entity should note that in the event of an extension of the time for completion of the Contract, the Procuring Entity would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee.

Performance Security Declaration

Date: _____ [insert date (as day, month and year)]

Contract Name and No.: _____

[insert name and number of Contract]

To: Secretary, JDA, Jaipur

We, the undersigned, declare that:

We understand that, according to your conditions, the Contract must be supported by a Performance Security Declaration as a guarantee to ensure fulfillment of our all performance obligations under the Contract for

_____ [Insert name of subject matter of procurement] .

We accept that we will automatically be suspended from being eligible for bidding in any contract with you for the period of time of [Procuring Entity to indicate here the period of time for which the Procuring Entity will declare a Bidder ineligible to be awarded a Contract if the performance Security Declaration is to be executed.] starting on the date that we receive a notification from you, the _____ [Procuring Entity] that our Performance Security Declaration is executed, if we are in breach of any of our performance obligation under the conditions of the Contract, We understand this Performance Security Declaration shall expire after 60 days of completion of our all obligations under the Contract including warranty/ Guarantee, operation, maintenance, etc. in accordance with the conditions of the Contract.

Signed: _____

[insert signature of person whose name and capacity are shown]

In the capacity of:

[insert legal capacity of person signing the Performance Security Declaration]

Name: _____

[insert complete name of person signing the Performance Security Declaration]

Duly authorized to sign the Performance Security Declaration for and on behalf of:

[insert complete name of Supplier]

Dated on----- day of -----, [insert date of signing]

Corporate Seal _____

Letter of Acceptance
[On letter head paper of the Procuring Entity]

No.

Dated

To: **[name and address of the Supplier]**Subject: **[Notification of Award for the Works]**

This is to notify you that your Bid dated **[date]** for execution of the **[name of the**

contract and identification number, as given in the Contract Data] for the Accepted Contract

Amount of the equivalent of **[.amount in numbers and words and name of currency]**

., as corrected and modified in negotiations and in accordance with the Instructions to Bidders has been accepted by **[designation of the Procuring Entity]** The date of commencement and completion of the Works shall be:

.....
 You are requested to furnish the Performance Security/ Performance Security Declaration within

.....
 Days in the form given in the Contract Forms for the same for an amount equivalent to Rupees

.....
 within days of notification of the award valid up to 60 days after the date of expiry of Defects Liability Period and maintenance period, if applicable, and sign the Contract, failing which action as stated in sub-section 2 of section 42 of the Rajasthan Transparency in Public Procurement Act, 2012 and Instructions to Bidders shall be taken.

Authorized Signature:

Name and Title of Signatory:

Designation:

Item Rate BoQ

Tender Inviting Authority: JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

Name of Work: Installation, commissioning and testing of oxygen plants within two months on turnkey basis (supply, installation including civil/Mechanical/Electrical works etc.) with one year O&M and two years warrantee as defect liability period at designated places (14) in State.

Contract No: EE-(ROB/RUB)/03/2021-22

Name of the Bidder/ Bidding Firm/ Company :						
PRICE SCHEDULE						
Sl. No.	Item Description	Quantity	Units	Basic rate to be quoted by bidder (Rs) for each plant Oxygen plant 48 Nm3/h appox 800 LPM (approx 150 cylinder 7 m3 capacity)	TOTAL AMOUNT Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1	Supply, installation, commissioning and testing of oxygen plant within two months on turnkey basis (supply, installation including civil/Mechanical /Electrical works etc) with one year Operation & maintenance and two years warrantee as defect liability period	14.000	1 Job on turnkey basis / 14 Nos Plant		0.00	INR Zero Only
1.1	Note: 1. Lowest price bidder will be based on lowest quoted price of oxygen plant of capacity 48Nm3/Hour 2. Bidder can quote basic price including all taxes, duties, transportation /FoR exclusive GST as applicable as per rule. 3. GST will be paid as per applicable rates based on prevailing rules. 4. Rated will be quoted in INR only					
Total in Figures					0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				