

REQUEST FOR PROPOSAL (RFP)

For

Procurement, installation, commissioning and testing of oxygen plants within two 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 in 59 towns of the State.

By

Directorate of Local Bodies

G- 3 Rajmahal residency Area, Near Civil Line Railway Crossing, Jaipur-302015

Expression of Interest (EoI)

Director cum Special Secretary, LSG invites proposal for procurement, installation, commissioning and testing of oxygen plant within two 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 in 59 towns of the State.

Government of Rajasthan**Local Self Government Department****(Directorate of Local Bodies, Rajasthan, Jaipur)**

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No: F 55 () PA/CE/DLB/Corona/oxygenplant /2021/98199

Date:05.05.2021

Expression of Interest (EoI)

There an urgent need of oxygen plants due to COVID-19 in the State of Rajasthan. Single stage one envelop unconditional proposal are invited on behalf of Governor of Rajasthan by Director cum Special Secretary, LSG for procurement, installation, commissioning and testing of oxygen plants within two 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 in 59 towns of the State.

Interested bidder (manufacturer/Authorised Dealer/Supplier/Agent) can submit their proposal through mail on dlbrajabsthan@gmail.com latest by **08.05.2021 at 5.00 PM**. Other detail of Request for Proposal (RFP) can be seen/download from www.sppp.rajabsthan.gov.in and official website www.urban.lsg.rajabsthan.gov.in

Sd/-**(Deepak Nandi)****Director cum Special Secretary**

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 mail on **dlbrajasthan@gmail.com** latest by **08.05.2021 at 5.00 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 RTPP Act and Rule 80 of the RTPP 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 RTPP Act & Rules in this regard and must act accordingly.
4. **Eligible Bidders:** A Bidder may be a natural person, private Entity, government-owned Entity manufacturer/Authorised Dealer/Supplier/Agent
5. **Eligible Goods and Installation Services:** For purposes of this Clause, procurement, installation, commissioning and testing of oxygen plant within two months 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 in 59 towns 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 mail on **dlbrajasthan@gmail.com** latest by **08.05.2021 at 5.00 PM**
11. **Bid Opening:** on **08.05.2021 at 6.00 PM** by the Committee at DLB
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 RTPP Rules 2013
13. **Evaluation of Qualification of Bidders in Technical Bids:** by the committee based on criteria bidder whose proposal technically responsive will be consider for price evaluation.
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 increase place and Quantities:** As per the requirement
16. **Dividing quantities among more than one Bidder at the time of award:** As per RTPP Rule 2013
17. **Acceptance of the successful Bid and award of contract:** As per RTPP Rule 2013
18. **Signing of contract:** After approval of lowest evaluated rates from competent Authority by DLB, Raj Jaipur

19. **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, Director local Self department may reject the Bid.
20. 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 applicable.
21. 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.
22. Bids complete in all respects must be submitted not later than the date and time indicated Director local Self department, 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 Director local Self department, Jaipur and the bidders previously subject to the original deadline shall thereafter be subject to the deadline as extended.
23. The bidder will be bound by the details furnished by it to Director local Self department, 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.
24. Director local Self department, 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. Director local Self department, 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 Director local Self department, 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.
25. It shall be deemed that by submitting the bid, the bidder agrees and release the Director local Self department, 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.
26. Director local Self department, 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 Director local Self department, Jaipur shall not relieve the bidder of its obligations or liabilities hereunder nor will it affect any rights of the Director local Self department, Jaipur there under.
27. Director local Self department, Jaipur may issue clarification/ amendments on its own or in response to queries. All clarifications and interpretations issued by Director local Self department, Jaipur shall be deemed to be part of the RFP.
28. 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

29. **Financial Proposal:** This Part should contain the financial offer in the prescribed format as per Annexure-B. 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 warranty of supplied item during warranty 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.

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 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.	Manufacturer'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:

- i. *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.*
- ii. *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 **two months** 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)	N Cubic meter (per hour)
1	2	3	4	5
1	Ajmer	ADA	500	150
2	Bikaner	UIT	500	150
3	Bharatpur	Corporation & UIT	500	150
4	Jaipur	JDA	2000	600
5	Jodhpur	JoDA	1000	300
6	Kota	UIT	1000	300
7	Udaipur	UIT	1000	300
8	Kishangarh	Council	75	24
9	Beawar	Council	75	24
10	Alwar	UIT	150	48
11	Bhiwadi	UIT	75	24
12	Barmer	UIT	150	48
13	Balotra	Council	150	48
14	Banswara	Council	150	48
15	Bhilwara	UIT	500	150
16	Chittorgarh	Council & UIT	100	30
17	Pratapgarh	Council	100	30
18	Dausa	Council	100	30
19	Dungarpur	Council	100	30
20	Tonk	Council	100	30
21	Sujangarh	Council	50	15
22	Dholpur	Council	100	30
23	Shri Ganganagar	Council	150	48
24	Hanumangarh	Council	150	48
25	Jaisalmer	Council & UIT	100	30
26	Jalore	Council	150	48

27	Jhalawar & Jhalrapatan	Council	100	30
28	Jhunjhunu	Council	150	48
29	Nagour	Council	150	48
30	Makrana	Council	100	30
31	Pali	Council	150	48
32	Rajsamand	Council	100	30
33	Sawaimadhopur	Council	100	30
34	Gangapurcity	Council	100	30
35	Sikar	Council	150	48
36	Sirohi	Council	150	48
37	Nimbahera	Municipal Board	50	15
38	Ratangarh	Municipal Board	50	15
39	Sardarshar	Municipal Board	50	15
40	Nawalgarh	Municipal Board	50	15
41	Mertacity	Municipal Board	50	15
42	Fathepur	Municipal Board	50	15
43	Abu road	Municipal Board	100	30
44	Sumerpur	Municipal Board	75	24
45	Deoli	Municipal Board	50	15
46	Suratgarh	Municipal Board	50	15
47	Kothputli	Municipal Board	75	24
48	Pipadcity	Municipal Board	50	15
49	Kuchaman City	Municipal Board	75	24
50	Sojatcity	Municipal Board	75	24
51	Nathdwara	Municipal Board	100	30
52	Bhinmal	Municipal Board	75	24
53	Niwai	Municipal Board	75	24
54	Kekri	Municipal Board	75	24
55	Falodi	Municipal Board	75	24
56	Shahpura (Jaipur)	Municipal Board	50	15
57	Ringus	Municipal Board	50	15
58	Pilani	Municipal Board	50	15
59	Bamanwas	Municipal Board	50	15

Technical Specifications

A. Specifications and standards:-

- i. The supplier shall ensure that the goods and services comply with the technical specifications and other provisions of the contract.

- ii. 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.
- iii. 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.
- iv. 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
- v. 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:

- i. 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.
- ii. 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.
- iii. Oxygen purity should be 93% +-3 supply should be medical oxygen grade only
- iv. discharge pressure more than 7 bar
- v. 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 for proposed oxygen plants shed in hospitals is 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 and pipe structure.
2. Plinth of shed 300-400 mm.
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.

Estimate

Name of work :- SITC of Oxygen Generation Plant 50/75/100/150 Cylinders Capacity in Rajasthan.

NON-BSR ITEM (PART-A)

S.No.	Item
1	SITC of Pressure Swing Absorption Oxygen Generator Plant capacity should be minimum 15/24/30/48 cum per hr. or Approx 250/400/500/800 LPM equal to 50/75/100/150 (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 50 cylinder: Rotary Screw type air compressor of suitable capacity (2 Nos) as per afore mention Approx <u>20-22 KW</u> capacity, <u>400 V-415 v /3 Phase /50 HZ</u> supply system, Outlet pressure 4.1 BAR, Maximum Output Pressure 7.5 BAR.

	<p>For 75 cylinder: Rotary Screw type air compressor of suitable capacity (2 Nos) as per afore mention Approx <u>30-32 KW</u> capacity, <u>400 V-415 v /3 Phase /50 HZ</u> supply system, Outlet pressure 4.1 BAR, Maximum Output Pressure 7.5 BAR.</p> <p>For 100 cylinder: Rotary Screw type air compressor of suitable capacity (2 Nos) as per afore mention Approx <u>35-38 KW</u> capacity, <u>400 V-415 v /3 Phase /50 HZ</u> supply system, Outlet pressure 4.1 BAR, Maximum Output Pressure 7.5 BAR.</p> <p>For 150 cylinder: Rotary Screw type air compressor of suitable capacity (2 Nos) as per afore mention Approx <u>58-60 KW</u> capacity, <u>400 V-415 v /3 Phase /50 HZ</u> supply sytem, Outlet pressure 4.1 BAR, Maximum Output Pressure 7.5 BAR.</p>
c	The unit should comprise four stage air filtration , consists of moisture seperator , 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 down stream 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	<p>For 50/75/100 This unit should also comprise of 1nos air receiver 1000 Litres , <u>oxygen /Buffer tanks</u> 1000 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</p> <p>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</p>
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 stainless steel 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 /authorised 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 digitalDisplay) 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 MCB40 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 Aluminium / 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 Aluminium 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. as required .
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 abberation 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 aluminium 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,Ind class bricks covering, refilling earth,compaction of earth, making necessary connection, testing etc. as required of size. 3.5 core* 120.0 Sq.mm 3.5 core* 70.0 Sq,mm 3.5 core* 50.0 Sq.mm 3.5 core* 240.0 Sq.mm 3.5 core* 150.0 Sq.mm
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 accessories for 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 of Armoured PVC insulated & PVC sheathed/ XLPE aluminium conductor cable of 1100 volt grade as required of size. 3.5 core* 120.0 Sq.mm 3.5 core* 70.0 Sq,mm 3.5 core* 50.0 Sq.mm 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 CO2 gas confirming to IS:307-1966 filled to a filling ratio of not more than 0.667 and 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 conformance of 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 2 days** 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 Jaipur Director local Self department, Jaipur is required to be deposited. The bank guarantee should remain valid for a period of 9 months (Nine months) beyond the date of expiry of the 'Warranty 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 warranty clause to Director local Self department, 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 Director local Self department, Jaipur within 5 days of issue of LoA. The original copy of the agreement shall be retained by Director local Self department, 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. Director local Self department, 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 Director local Self department, Jaipur to accept or reject such request.

7. **director** local Self department, 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 RTPP ACT 2012 and RTPP 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. director local Self department, Jaipur shall reserve the right for deduction of director local Self department, 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 director local Self department, Jaipur for any non-conformity with the terms & condition of the agreement.
9. Any amount for which director local Self department, Jaipur becomes liable to the Government/ Third party 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, director local Self department, 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;
 - 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 at designated place
 - (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.
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.
17. During the DLP period all complaints/defects/defective parts shall be replaced by the vendor within 24 hours after receiving complaint.
18. The Supplier/Contractor shall be fully responsible for any damage or breakage of civil work during execution.
19. All the labour laws and safety laws shall be applicable all the safety arrangements shall be done by the contractor.
20. All safety measures required for COVID-19 pandemic shall be complied.
21. Any Dispute will be resolved by the committee and Jurisdiction of Court Jaipur only.
22. All the provisions 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

Witness2

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:

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 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: _____

[insert complete name of Procuring Entity]

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:

Annex-A**Financial proposal**

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 of different town in State.

Description	Unit	Qty.	Basic rate to be quoted by bidder (Rs)			
			Oxygen plant 15 Nm3/h appox 250 LPM (appox 50 cylinder 7 m3 capacity)	Oxygen plant 24Nm3/h appox 400 LPM (appox 75 cylinder 7 m3 capacity)	Oxygen plant 30 Nm3/h appox 500 LPM (appox 100 cylinder 7 m3 capacity)	Oxygen plant 48 Nm3/h appox 800 LPM (appox 150 cylinder 7 m3 capacity)
Supply, installation, commissioning and testing of oxygen plant within two months on turnkey basis (supply, installation including civil/Mechanical /Electrical works etc) and Operation & maintenance of oxygen plant for one year	1 Job on turnkey basis	one plant				

Note:

1. *Lowest price bidder will be based on lowest quoted price of individual capacity of oxygen plant*
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*