



**OFFICE OF THE SUPERINTENDENT
SCB MEDICAL COLLEGE HOSPITAL, CUTTACK**

HEALTH AND FAMILY WELFARE DEPARTMENT GOVT. OF ODISHA

**TENDER PAPER FOR ACMC OF GAS PIPELINE IN THE DEPARTMENT OF
DEPT. OF O&G, MEDICINE, PULMONARY MEDICINE, CENTRAL ICU, CTVS,
CARDIOLOGY, UROLOGY, NEUROSURGERY, PLASTIC SURGERY, GENERAL
SURGERY, SNCU, TRAUMA CARE CENTRE, CASUALTY, PAEDIATRIC ICU (TRAUMA
BUILDING), PAEDIATRIC DEPT., GASTRO-SURGERY**

**BID REFERENCE
CENTRAL STORE, SCBMEDICALCOLLEGEHOSPITAL, CUTTACK**

DATE FOR SELLING OF TENDER	:	<u>15.04.2021</u> TO <u>05.05.2021</u> 11 A.M. TO 5 P.M. (only working day)
LAST DATE OF RECEIPT OF TENDER	:	10.05.2021 UP TO 5 P.M.
DATE OF OPENING OF TENDER	:	11.05.2021 AT 12.30 P.M.
PLACE OF OPENING OF TENDER	:	OFFICE CHAMBER OF THE SUPERINTENDENT SCB MCH CUTTACK
ADDRESS FOR COMMUNICATION AND RECEIPT OF BID DOCUMENTS	:	SUPERINTENDENT SCBMEDICALCOLLEGE HOSPITAL, CUTTACK

SALE OF TENDER / BID DOCUMENT

The Bidders may download the Documents for **Manifold Room, Medical Gas Equipment and Central Medical Gas Pipeline System for 3 yrs. and renewed in every year** directly from the WEBSITE available at <http://www.scbmch.in> from Dt. **15.04.2021** to **05.05.2021** up to 5 P.M. The Tender cost fee of Rs.1,000/- (**Non-refundable**) by way of separate Demand Draft drawn in favour of **Superintendent, S.C.B. Medical College Hospital Cuttack** payable at **Cuttack** should be enclosed along-with the Technical Bid. The Bidders should specifically super scribe, "**DOWNLOADED FROM THE WEBSITE**" on the top left corner of the outer envelope containing the Bid. The terms and conditions of the tender can also available in the Central Store on depositing of Rs.1,000/- in shape of cash in the Accounts Section of this hospital. The Tender cost fee and the EMD amount should be submitted separately. In case of any bid amendment and clarification, responsibility lies with the bidders to collect the same from the website / Office of the undersigned before last date of sale of tender document the Superintendent, S.C.B. Medical College Hospital, Cuttack shall have no responsibility for any delay / omission on part of the bidder.

- | | | |
|---|---|---|
| a) Price of bidding document | : | Rs. 1,000.00 (Rupees One Thousand) only
(Non-refundable) |
| b) Date for down loading
Selling of Tender Paper | : | from Dt. <u>15.04.2021</u> to <u>05.05.2021</u> |

The tender paper will be rejected if the bidder changes any clause or Annexure of the bid document downloaded from the website.

TERMS AND CONDITIONS

- 1.1 Sealed tenders will be received by on or before Dt. **10.05.2021** upto 5 P.M. by the **THE SUPERITENDENT, SCB MEDICAL COLLAGE & HOSPITAL , CUTTACK** in the office of the SUPERITENDENT, SCB MCH, CUTTACK , for the Annual Comprehensive Maintenance Contract (CMC) of Manifold Room, Medical Gas Equipment and Central Medical Gas Pipeline System for 3 yrs. Any tender received after the due date & time will be rejected / returned to the sender unopened. The tenders will be received through / Speed Post/Regd Post only. No tender paper submission through the person/persons by hand is accepted.
- 1.2 The bidder(s) are to submit their tender in separate sealed covered envelopes for technical bid and commercial bid by super scribing Cover “A” (Technical Bid) & Cover “B” (Price Bid) and both the covers should be put into a third Cover, which should be super scribed as “Tender for the Annual Comprehensive Maintenance Contract (CAMC) of Manifold Room, Medical Gas Equipment and Central Medical Gas Pipeline System for 3yrs at SCB MEDICAL COLLAGE & HOSPITAL, CUTTACK. The inspection report with estimate of different gas pipe line system installed in the **Dept. of O&G, Medicine, Pulmonary Medicine, Central ICU, CTVS, Cardiology, Urology, Neurosurgery, Plastic Surgery, General Surgery, SNCU, Trauma Care Centre, Casualty, Paediatric ICU (Trauma building), Pediatric Dept., Gastro-Surgery** should be submitted in the technical bid. The estimated cost will be mentioned separately in the price bid i.e. cover-B.
- 1.3 The Sealed tenders “Cover A” (Technical Bid) submitted by the tenderers will be opened at the office chamber of the SUPERITENDENT at on date. The tenderer or their duly authorized representatives are allowed to be present during the opening of the tenders if they so like.
- 1.4 No tender documents can be accepted after the expiry of scheduled date and time for receipt of bids.
- 1,5 The scope of work shall include Annual Comprehensive Maintenance Contract (ACMC) Satisfactory demonstration. This will also include testing, packing, transportation, scheduling of transportation, transit insurance, delivery at sites, unloading, storage, job site storage, insurance, installation any other services associated with the delivery of the equipment and materials providing warranty of services and operation and maintenance of other related equipment / items required for complete installation. The successful bidder will assume full responsibility of the complete system until final acceptance.
- 1,6 The bidders are required to have a survey including the site visit before furnishing the Tender.

ELIGIBILITY CRITERIA

- 2.1 Manufacturing units eligible to participate in the tender provided, they have
 - (i) Valid manufacturing license/import license
 - (ii) Tenderer have must be proof of supply, installation and commissioning of Medical GAS pipeline system at any Govt. organization / PSU Hospitals //Corporate Hospitals(Not less than 100 Bedded)Bidder Must be produce Performance certificate in support of that from the user in last 3 years in odisha only **for the year 2018-19 & 2019-20 & 2020-21)**
 - (iii) Manufacturing unit who has been blacklisted either by the Tender inviting authority or by any state Govt. or Central Govt, organization is not eligible to participate in the tender for that item during the period of blacklisting.
 - (iv) The Bidder Must be Registered Service Center For MGPS Last 5 Year In Odisha only.
- 2.2 Authorized distributors are eligible to participate in the tender provided:.
 - (i)Bidders Should be minimum turn over not less than 50 Lakhs (fifty lakhs) Annual turnover of last three years .

The following documents should be enclosed in Cover “A” (Technical Bid) by the tenderer. All the photocopies are to be attested by bidder .

TECHNICAL BID :

- 3.1 Earnest Money Deposit of 10,000.00 (Ten thousand) in shape of Demand Draft.
- 3.2 Copy of Valid Manufacturing License /Import License(in case of MANUFACTURER/IMPETOR
- 3.3 Copy of valid GST certificate GST Return Filing (GSTR-3B) up to Last Quarter of Current Financial Year.
- 3.4 (A) The Original Tender Book with Conditions and the schedules signed by the tenderer at the bottom of each page with his official seal duly affixed.
- 3.5 The declaration form in Annexure -I duly signed by the tenderer before Notary Public.
- 3.6 Proof of Such work minimum to any Govt., organization / PSU Hospitals / Corporate hospitals and certificate in support of that in last 3 years from the user
- 3.8 The Bidder Must be Registered Service Center For MGPS Last 5 Year In Odisha only.
- 3.9 Bidders Should be minimum turn over not less than 50 Lakhs (fifty lakhs) Annual turnover of last three years .
- 3.10 Details name, address, telephone no., Fax, e-mail of the manufacturer / authorized distributor / service centre / contract person / office in Orissa (Annexure - VI).
- 3.11 Original money receipt of the tender paper if purchase from this office should be attached.
- 3.12 The inspection report with estimate of different gas pipe line system installed in the Dept. of O&G, Medicine, Pulmonary Medicine, Central ICU, CTVS, Cardiology, Urology, Neurosurgery, Plastic Surgery, General Surgery, SNCU, Trauma Care Centre, Casualty, Paediatric ICU (Trauma building), Paediatric Dept., Gastro-Surgery should be submitted in the technical bid. The estimated cost will be mentioned separately in the price bid i.e. cover-B.

COVER - B (PRICE BID)

4. The tender format giving the quoted rate for the items on rate contract basis should be sent in a separate sealed cover hereafter called Cover "B" (Price Bid).
Cover -B (Price Bid) will be opened only of the tenderers who qualify in Technical Bid (Cover - A) and product is as per tender specification.
- 4.1 The tender format (Price Schedule) in duplicate in the prescribed form (as per Annexure –II), hard copy and must be submitted in Cover-B. The price of the item should be quoted inclusive of excise duty, insurance, packing, forwarding, freight (door delivery), installation, Annual Maintenance Contract (CAMC), if any and the turnkey job in a separate column.. In case of difference in words and figures, words will be taken into consideration for evaluation.

N.B: Valid means the certificate should be valid on or beyond the date of opening of tender (Cover-A).

- 4.2 The date of opening of Cover "B"(Price Bid) of the successful bidders will be intimated later on.

5. Earnest Money Deposit:

1. The tender should be accompanied with Earnest Money Deposit (EMD) amounting **10,000/- (Ten Thousand)** in shape of Bank Draft from any Nationalised/ Scheduled Bank in favor of **THE SUPERITENDENT SCB MEDICAL COLLAGE & HOSPITAL , CUTTACK** falling which tender will be rejected.
2. The EMD of the unsuccessful bidders will be return back after finalization of tender..
3. The selected firm has to complete the installation and commissioning within 45 days of issue of work order. If the firm fails to supply and install the item/s in time or supplies are not up to standard, his EMD shall be forfeited and the firm will be blacklisted.

6. PRICE EVALUATION:

1. Tenderers who technically qualify will be evaluated only.
2. The cost of Comprehensive Annual Maintenance Contract (CAMC) of Manifold Room, Medical Gas Equipment and Central Medical Gas Pipeline System for 3yrs (inclusion of the excise duty, transportation, insurance, packing & forwarding and the estimated cost to make functional of the existing medical gas pipe line system together will be evaluated and the lowest bidder will be selected.
3. The cost of the repair to make all the Manifold Room, Medical Gas Equipment and Central Medical Gas Pipeline System should be mentioned separately in the Annexure-B.

7. Payment:

1. 100% payment shall be made after submission of invoice duly certified by the concerned officer/installation & demonstration certificate/s and service report of the repair work.
2. The approved value of CAMC(Compressive Maintenance Contract) payment will be made on half yearly basis year wise after signing the CAMC agreement.

8. General Conditions:

1. In the event of the date being declared as a holiday for the purchaser's office, the due date submission of bids and opening of bids will be the following working date & time.
2. The authority reserves the right to accept /reject all the bids or any part thereof without assigning any reason thereof.
3. No conditional tender will be accepted.
4. The qualified bidder, who according to terms and conditions will not provide the service for CAMC , will be black, listed from the purchase committee.
5. Any matter will be finalized in CUTTACK Jurisdiction.

DECLARATION FORM

We having our office at do declare that We have carefully read all the terms & conditions of tender of the **Superintendent SCB Medical College & Hospital , Cuttack** , Odisha for Comprehensive Annual Maintenance Contract (CAMC) of Manifold Room, Medical Gas Equipment and Central Medical Gas Pipeline System for 1 yrs. I will abide with all the terms & conditions set forth in the tender paper Reference no.

We do hereby declare we have not been de-recognized / black listed by any State Govt. / Union Territory / Govt. of India / Govt. organization / Govt. Health Institutions for supply of Not of Standard Quality (NSQ) items / part-supply / non-supply.

We agree that the Tender Inviting Authority can forfeit the Earnest Money Deposit and or Security Deposit and blacklist me/us for a period of 1 years if, any information furnished by us proved to be false at the time of inspection / verification and not complying with the Tender terms & conditions.

We further declare that we possess valid manufacturing license /authorized distributor bearing no valid up to Mar2022. We do hereby declare that, we will provide the CAMC services per the terms, conditions & specifications of the tender document. We further declare that we have a service Centre will establish a service Centre within one month of service provided by us.

Date:

Signature of the bidder

TERMS AND CONDITIONS PRICE:

Only the price quoted by the Supplier(s) in his / their financial proposal will be the price for payment and no other price escalation will be allowed at any circumstances.

TERMS FOR PAYMENT.

100% Payment will be released to the supplier on receipt of repair invoice and installation certificate (that it is working) from the consignee.

The approved value of CAMC(Compressive Maintenance Contract) payment will be made on half yearly basis year wise after signing the CAMC agreement

- A. Before release of payment the supplier has to submit the signed agreement, turnkey job to the consignee.
- B. The payment of CAMC will be made on six monthly basis period and signing of the CAMC agreement.

TURNKEY JOB:

The external power supply will be provided by the purchaser but the internal wiring and electrical fittings inside the room for installation & commissioning of the equipment and accessories will be provided by the supplier without any extra cost (This cost is to be included in the cost of turnkey). Usage of the equipment every day and for calculation of up-time.

INSTALLATION AND DEMONSTRATION :

The installation and demonstration of the equipment shall be done by the Supplier(s) at free of cost at the installation site of the respective institutions.

TRAINING :

Supplier(s) shall impart adequate training to 2 doctors and 2 technicians at the site at the Supplier(s) cost.

INCIDENTAL SERVICES :

The Supplier(s) shall abide by the terms and conditions under incidental services & the installation of Instrument / Equipment at the destination point (Door Delivery) of consignee and demonstrate the machine in working condition to the receiving authority.

Furnishing of tools required for assembly and / or maintenance of the supplied Instruments / Equipment.

Performance or supervision or maintenance and / or repair of the supplied Goods, for a period of two (1) years i.e. the warranty period, provided that this service shall not relieve the Supplier of any warranty obligations under this contract.

The successful supplier shall replace any part or whole system as may be necessary in the event of damage during transit or found damaged on arrival or during installation of the system or if found not in conformity to the specifications at his / their own cost.

The tenderers shall clearly mention the price of the instruments / equipment inclusive of warranty for a period of 1 (one) years commencing from the date of installation. The tenderers shall submit undertaking for C.A.M.C (Comprehensive Annual Maintenance Cost) for a period of 3 (three) years from 2nd year onwards duly signed by authorized signatories for the execution at appropriate time (Annexure - V &I).

SPARE PARTS:

The supplier will provide all the spare parts, repairing & maintenance by its trained personnel after the warranty period (1 year) during the CAMC period.

COMPREHENSIVE WARRANTY:

This warranty shall remain valid for One (1) years from the date of installation& commissioning of the GPMS/ item & must be submitted at the time of installation to the consignee with a photocopy to the purchaser.

The warranty will cover all the parts of the machine or item and any replacement or repair required within the warranty period will be provided by the supplier free of cost at the destination point (Installation point). The supplier will take back the replaced parts / goods at the time of their replacement. No claim whatsoever shall be on the purchaser for the replaced parts / goods thereafter. No traveling allowances or transportation cost will be paid by the purchaser during warranty period.

The Supplier warrants that the Goods supplied under this contract are new, unused, of the most recent or current models and they incorporate all recent improvements in design and materials (even if the advanced facilities are not mentioned in our product specification). The Supplier further warrants that all Goods supplied under this contract shall have no defect arising from design, materials or workmanship (except when the design and / or material is required by the Purchaser's Specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the place of final destination.

The Purchaser / consignee shall promptly notify the Supplier in writing / Fax / Telephone of any claims arising under this warranty.

Upon receipt of such notice, the Supplier shall with all responsible speed will repair or replace the defective goods or parts thereof without cost to the purchaser to maintain its UP TIME offered in the beginning of purchase otherwise penal provisions shall apply if the supplier fails to keep up its UP TIME.

If the Supplier, having been notified, fails to remedy the defect(s) within 10 days, the Purchaser may proceed to take such remedial action as may be necessary, like forfeiture of EMD or recovery from security deposit the amount of loss (which will be decided)

GOVERNING LANGUAGE :

The contract shall be written in English language. English language version of the contract shall govern its interpretation. All correspondences and other documents pertaining to the contract which are exchanged by the parties shall be written in English.

DELIVERY OF DOCUMENT

Four (4) copies of the Supplier invoice / bills showing purchase order number, good's description, quantity, unit price, total amount with stock entry certificate by the consignee.

Photocopy of the Insurance Certificate if any (The Original Certificate is to be given to the Consignee).

Attested Photocopy of Manufacturer's / Supplier's warranty certificate. (The original warranty certificate is to be submitted to the consignee at installation point).

INSURANCE :

For delivery of goods at site, the insurance shall be obtained by the Supplier(s) in an amount equal to 110% of the value of goods from "Warehouse" (final destination) on "All Risks" basis including natural calamities.

PACKAGING :

The supplier shall provide such packaging of the goods as is required to prevent their damage or deterioration during transit to their final destination. The packaging shall be sufficient to withstand without limitation rough handling during transit and exposure to extreme temperature, salt and precipitation during transit and upon storage. All primary packaging containers which come in contact with the item should strictly protect the quality and integrity of the Instruments & Equipments. Packing case size and weights should be taken into consideration, in case of remoteness of final destination and the absence of heavy handling facilities at all points in transit.

The packaging marking shall show the description of quantity of contents, the name of the consignee and address, the gross weight of the packages, the name of the supplier with a distinctive number of mark sufficient for purposes of identification. Each package shall contain:

a packaging note quoting the name of the purchaser

- i. the number and date of order
- ii. nomenclature of the goods
- iii. schedule of parts for each complete equipment giving part number with reference to assembly.
- iv. Name & address of the consignee
- v. Name & address of the supplier.

SPECIAL TERMS AND CONDITIONS
Annual Maintenance Contract of Medical Gas Pipeline System (MGPS) For the SCB
MEDICAL COLLAGE & HOSPITAL, ODISHA

The Contractor will be attend the complain of Medical Air System - Compressor systems, Dryers, Reservoir, Filters etc. • Nitrous Oxide System - Manifold and Control Panel • Medical Oxygen System - Manifold and Control panels

- Annual maintenance for MGPS
- Gas Outlets with Adopters and Accessories
- Area Alarm panels and • Isolation Ball Valves
- Area Valve Box Service Units
- Copper pipelines
- Medical Vacuum System - Vacuum pumps, Medical Air Compressors , Control panel, Receiver , Filters etc.

Terms & Conditions

- The Contract is valid for a period of three years with renewal of every year (**Their presence in the campus is highly essential (24x7)**) considering the performance of the approved agency from the date of commencement of contract after signing by both the Parties. The First Party's Engineer will provide service to the Second party i.e. four preventive maintenance visits during contract period to give service for the necessary parts of the instruments and ensure that the instruments are working satisfactorily.
- In the event of any malfunction, the first party's personnel, including their service Engineer, if required will make two or more emergencies numbers of visits.
- Any damage due to misuse, neglect, accidental damage or damage caused by fire, riot, flood or other acts of nature will not come under CAMC contract.
- CAMC will not be covered if any instrument is tampered or altered or serviced by any individual or agency not authorized by the company.
- The complaint lodged by the hospital authority shall be attended/rectified by the vendor within 24x7hrs (working hours) from time of receiving the complaint & rectification should be done within 48hrs (Working hrs, Sundays & Holidays are excluded).
- If any Natural Calamities or Accidental Incident we are not held responsible.
- **CMC:** The tenderer shall also commit to provide offer for CMC (**Labour + all spare**) for the next three (3) years after one year of warranty. No extra cost will be paid other than the CMC cost for functioning of the item during this period. The supplier will provide one (**1**) preventive maintenance in every **six months** in a year during the period of CMC and any number of on call visit against complain at free of cost. The necessary maintenance log book has to be maintained by the supplier.

The tenderers are required to furnish the list of spares along with their cost in the financial Bid separately which will not be taken for evaluation.

- (a) The maintenance work should be made according to the norms of the pollution Control Board

Performance Security: The supplier shall require to submit the performance security in the form of irrevocable Bank Guarantee (BG) / or Fixed Deposit Receipt (FDR) issued by any Nationalized Bank for an amount of which is equal to the 10% of the CMC value and should be kept valid for a period of 2 and half years. If the successful bidder fails to furnish the full security deposit or within 15 (fifteen) days after the issue of Letter of Award of Work, his bid security (EMD) shall be forfeited unless time extension has been granted by O/O the Superintendent, SCB Medical College & Hospital, Cuttack.

Payment Term :

50% payment of the total CAMC order value shall be released on half yearly basis after the successful Comprehensive Maintenance of the MGPS against the submission of the test report & on furnishing of Performance security & execution of Contract Agreement.

ANNEXURE –II

To be submitted in Cover B – Price Bid

(Refer Clause No. 4.1 & 8.16)

FORMAT - PRICE SCHEDULE FOR THE DEPARTMENT OF

Name of the Item (s) (Items mentioned in the schedule of requirement)	Make & Model	Repair Price with all accessories which includes customs duty, packing, insurance, forwarding , transportation (door delivery) with 1 year onsite warranty & excludes GST	CMC (excluding GST of Service GST) for three years after expiry of three years warranty period (please mention on yearly basis)	**Cost of Turnkey if any (all accessories for installation & commissioning including GST for turnkey in Rs. (Door delivery & installation)	*Total Cost of the Item (Unit Price with CMC & Turnkey if any) (Exclusive of GST)	GST (if any) on & above the item price mentioned in (3) % of the GST & it's value in Rs.)
		Cost in Rs. (both in words & figures)				
(1)	(2)	(3)	(4)	5	6=3+4+5	7
Estimate for repair of existing medical gas pipe line to make functional			1 st year after warranty: 2 nd year after warranty: 3 rd year after warranty: Total :			

Price of each item (s) quoted should be mentioned separately in separate sheet & should be sealed in separate envelopes.

* GST which will be chargeable on the price (3) shall be mentioned separately in column 7 above.

** The cost of turnkey shall only be quoted if any specific accessories/equipment is required for installation & commissioning.

In case of turnkey, the details of accessories/equipment are to be mentioned.

CMC should be quoted for the items as mentioned follows.

Date :

Place :

1. Rates should be quoted both in figures & words for each item and if there is any discrepancy, the quoted rates in words will be taken for evaluation.

Sl No	NAME OF THE ITEMS	Qty
1.	OXYGEN FLOW METER WITH HUMIDIFIER BOTTLE SET (BPC)	1 SET
2.	WARD VACUUM UNIT SET 600ML	1 NO.
3.	ALL TYPES GAS OUTLET POINTS (BS TYPE , FRONT LOADED , PARCOTEX TYPE, INDIGNEOUS TYPE.)	1 NO.
4.	THEATER VACUUM SUCTION UNIT SET	1 NO.
5.	ALL TYPES GAS OUTLET PROBES	1 NO.
06.	SUCTION TUBE HOSE	1 METER.
07.	GAS OUTLET “O” RING SET	1 SET.
08.	MEDICAL GRADE COPPER PIPE 12MM MAKE: MAX FLOW	1 METER
09.	MEDICAL GRADE COPPER PIPE 15MM	1 METER
10.	MEDICAL GRADE COPPER PIPE 22MM	1 METER
11.	MEDICAL GRADE COPPER PIPE 28MM	1 METER
12.	MEDICAL GRADE COPPER PIPE 35MM	1 METER
13.	MEDICAL GRADE COPPER PIPE 42MM	1 METER
14.	MEDICAL GRADE COPPER PIPE 54MM	1 METER
15.	MEDICAL GRADE COPPER PIPE 76MM	1 METER
16.	ISOLATION BALL VALVE WITH ADAPTOR 12MM	1 NO.
17.	ISOLATION BALL VALVE WITH ADAPTOR 15MM	1 NO.
18.	ISOLATION BALL VALVE WITH ADAPTOR 22MM	1 NO.
19.	ISOLATION BALL VALVE WITH ADAPTOR 28MM	1 NO.
20.	ISOLATION BALL VALVE WITH ADAPTOR 35MM	1 NO.
21.	ISOLATION BALL VALVE WITH ADAPTOR 42MM	1 NO.
22.	ISOLATION BALL VALVE WITH ADAPTOR 54MM	1 NO.
23.	ISOLATION BALL VALVE WITH ADAPTOR 76MM	1 NO.
24.	CONTRACTOR WITH OVER LOAD RELAY (ELECTRICAL PANEL BOARD FOR VACUUM PUMP) RELAY – L & T (MN2) + MN – A1	1 NO.

25.	(AUXILIARY UNIT) 3 PHASE (9 TO 15 AMPS) CONTRACTOR – MN X 18 (3 PHASE CONNECTION) (L & T) (SINGLE PHASE COIL)	1 NO.
26.	MCB (3 PHASE) AMPS : 40 A VOLTAGE : 440 V	1 NO.
27.	AIR REGULATOR WITH GAUGE AND LINE FITTINGS (DOUBLE STAGE), REGULAR	1 NO.
28.	OXYGEN TAIL PIPE FLEXIBLE	1 NO.
29.	MANIFOLD NRV	1 NO.
30.	PRESSURE GAUGE 0 TO 7 BAR	1 NO.
31.	IR MAKE VACUUM PUMP , MODEL:-15V	
A.	CYLINDER	1 NO.
B.	PISTON RING SET	1 NO.
C.	TUNE UP KIT	1 NO.
D.	CONNECTING ROD	1 NO.
E.	CRANK SHAFT SET	1 NO.
F.	CRRANK SHAFT BUSH	1 NO.
G.	OIL SHEAL	1 NO.
H.	BEARING	1 NO.
I.	GASKET SET	1 NO.
J.	VALVE SET	1 NO.
K.	VALVE ASSLY	1 NO.
L.	CYLINDER HEAD	1 NO.
M.	ELECTRIC MOTOR	1 NO.
N.	COMPRESSOR OIL	1 NO.
O.	V- BELT	1 NO.
P.	COOLING FAN FOR MOTOR	1 NO.
Q.	ELECTRIC STARTER FOR AUTOMATION	1 NO.
R.	VACUUM FILTER	1 NO.
S.	VACUUM PUMP BELT	1 NO.
32.	IR MAKE AIR COMPRESSOR , MODEL:-5T2NL, Cap:-7.5 HP	
A.	CYLINDER HP	1 NO.

B.	CYLINDER LP	1 NO.
C.	PISTON RING SET LP	1 NO.
D.	piston ring set HP	1 NO.
E.	CONNECTING ROD LP	1 NO.
F.	CRANK SHAFT SET	1 NO.
G.	CRRANK SHAFT BUSH	1 NO.
H.	OIL SHEAL	1 NO.
I.	BEARING	1 NO.
J.	GASKET SET	1 NO.
K.	VALVE SET HP	1 NO.
L.	VALVE SET LP	1 NO.
M.	VALVE ASSLY	1 NO.
N.	CYLINDER HEAD HP	1 NO.
O.	CYLINDER HEAD LP	1 NO.
P.	ELECTRIC MOTOR	1 NO.
Q.	INTAKE FILTER SET	1 NO.
R.	COMPRESSOR OIL	1 NO.
S.	V- BELT	1 NO.
T.	COOLING FAN FOR MOTOR	1 NO.
U.	ELECTRIC STARTER FOR AUTOMATION	1 NO.
V.	AIR LINE MOISTURE FILTER	1 NO.
W.	INTER CONNECTING PIPE	1 NO.
X.	PRESSURE GAUGE	1 NO.

33.	IR MAKE AIR COMPRESSOR , MODEL:-1N-10/10, Cap:-10 HP	
A.	CYLINDER HP	1 NO .
B.	CYLINDER LP	1 NO .
C.	PISTON RING SET LP	1 NO .
D.	piston ring set HP	1 NO .
E.	CONNECTING ROD LP	1 NO .
F.	CRANK SHAFT SET	1 NO .
G.	CRRANK SHAFT BUSH	1 NO .
H.	OIL SHEAL	1 NO .
I.	BEARING	1 NO .
J.	GASKET SET	1 NO .
K.	CONNECTING ROD LP	1 NO .
L.	CRANK SHAFT SET	1 NO .
M.	CRRANK SHAFT BUSH	1 NO .
N.	OIL SHEAL	1 NO .
O.	BEARING	1 NO .
P.	GASKET SET	1 NO .
Q.	VALVE SET HP	1 NO .
R.	VALVE SET LP	1 NO .
S.	VALVE ASSLY	1 NO .
T.	CYLINDER HEAD HP	1 NO .
U.	CYLINDER HEAD LP	1 NO .
V.	ELECTRIC MOTOR	1 NO .
W.	INTAKE FILTER SET	1 NO .
X.	COMPRESSOR OIL	1 NO .
Y.	V- BELT	1 NO .
Z.	COOLING FAN FOR MOTOR	1 NO .
AI	ELECTRIC STARTER FOR AUTOMATION	1 NO .
AII	AIR LINE MOISTURE FILTER	1 NO .
AIII	INTER CONNECTING PIPE	1 NO .
AIV	PRESSURE GAUGE	1 NO.
34	AIR DRYER , MAKE :- , MODEL:-	
A.	DESICANT	1 NO .

B.	NRV	1 NO.
C.	AFTER FILTER	1 NO.
	EXHUST VALVE ASSEMBLY	1 NO.
	SUTTLE	1 NO.
	O RING	1 NO.
	MUFFLER	1 NO.
	COIL	1 NO.
	GASKET	1 NO.
	PISTON ASSEMBLY	1 NO.
	PRESSURE GAUGE	1 NO.
	AFTER FILTER	1 NO.
	PRE FILTER	1 NO.
	EXHUST VALVE ASSEMBLY	1 NO.