

Event Catalogue

Select Financial Year:

Search Event:

Select Event No.:

Event Details

Event No: SPMCIL/Currency Note Press Nashik/Purchase/11/22-23/ET/46[Centralized Air Supply System]				Event Status
Trade: Works				Event Activated
Description of Event: Centralized Air Supply System				Activities
Mode: E-Tender_HTML	Type of Tender: Open	Bid Submission: Eventwise	Public Opening: YES	Published on: 2022-05-27-10.30.55.930070 Activated on: 2022-05-28-12.11.06.122593 Tender Extended on: - Tender Opened on: - Price Opened on: - Event Cancelled on: -
EMD: 406000.00 (In Rs.) <input type="button" value="Bank Details"/>		Document Upload: YES		
Tender Fee: Not Applicable (In Rs.) <input type="button" value="Bank Details"/>		Coverwise Document Upload: YES		
Estimated Value: 20296000.00				

Online Pre Bid Meeting	Bidding Period	Tender Opening Period	Price Bid Opening Date
Not Applicable	28.05.2022 - 12:15 PM To 30.06.2022 - 11:00 AM	30.06.2022 - 11:01 AM To 30.06.2023 - 11:01 AM	-

List Of Tender Document

Sl. No.	Document Details	Document Type	Action
1	22-23-ET-46[Centralized Air Supply System]-166960-NIT-1117250-CASSSigned.pdf 27/05/2022 10:30:00	NIT	<input type="button" value="Download"/>

Vendor Document Upload Checklist For Technical COVER

Sl. No.	Document Details
1	Duly Signed and Stamped Acceptance to Section VII Technical Specification of Tender Documents

Vendor Document Upload Checklist For Pre Qualification COVER

Sl. No.	Document Details
1	All the required documents as per Section IX Eligibility Criteria of Tender Document
2	Duly sealed and signed as per instructions provided in the various sections.

Vendor Document Upload Checklist For Technical COVER

Sl. No.	Document Details
1	Duly Signed and Stamped Acceptance to Section VII Technical Specification of Tender Documents

Tender Committee Members

Name	Designation	Office	Department	Email	Mobile No.	Encryption public expi dat
VUPPALA KIRAN KUMAR	Jt. General Manager	Currency Note Press Nashik	Purchase,HR,Technical,Finanace,IT,Marketing,R and D,Others	V.Kirankumar@spmcil.com	9096000418	2022-00:00:
TUSHARKUMAR PRAKASH MAHAJAN	DGM	Currency Note Press Nashik	IT	tushar.mahajan@spmcil.com	8275022966	2022-00:00:
BHARATI DHIRENDER SHARMA	MANAGER	Currency Note Press Nashik	Finanace	bharati.sharma@spmcil.com	8888635230	2022-00:00:

Pre-Qualification Terms

ELIGIBILITY CRITERIA		
Sl.No	Terms	Component
1	Experience and past performance: The bidder manufacturer or principal of authorized representative hereinafter referred simply as The Bidder shall be a manufacturer that has regularly for at least the last three years manufactured, supplied, erected, commissioned Screw Compressor of minimum 1500 CFM Capacity with the same or higher specifications of at least one number in last five years ending on 31.03.2021. At least one number of the product offered for supply should be in successful operation for at least one year on the date of bid opening	Agree Only
2	Capacity and Capability:The bidder must have an annual capacity to manufacture and supply at least 02 Nos. of Screw Compressor of minimum 1500 CFM Capacity.	Agree Only
3	Financial Standing: (a) Average Annual Turnover of the Bidder firm during last three years i.e., 2018-2019, 2019-2020 and 2020-2021 should be more than Rs. 81,19,000/- . (b) Bidder firm should not have suffered any financial loss for more than one year during the last three financial years i.e. 2018-2019, 2019-2020 and 2020-2021. (c) The net worth of the firm should not be negative and should not have eroded by more than 30% in the last three financial years i.e. 2018-2019, 2019-2020 and 2020-2021.	Agree Only
4	The bidder should give a declaration on the letter head of the firm that they have not been black-listed/ debarred for dealing by Government of India in the past.	Agree Only
5	The bidder should submit Power of Attorney of the Authorized Signatory for signing the bid, entering in to contract, if awarded and for any other correspondences.	Agree Only
6	The bidders shall enclose attested copy of GST Registration Certificate (in REG 06 format) & attested copy of PAN Card.	Agree Only
7	The bidder should give undertaking/declaration on the letter head of firm that they have read and understood all the terms & conditions of tender documents and submitting unconditional acceptance to all terms & conditions.	Agree Only
8	Manufacturer Authorization Certificate for Screw Compressor: a) If bidder firm is a manufacturer then firm has to submit the valid registration certificate. b) If bidder firm is not a manufacturer then firm has to submit the valid manufacturer authorization certificate / valid dealership certificate of the item supplied as per Annexure-XIV of tender documents.	Agree Only

TERMS AND CONDITIONS		
Sl.No	Terms	Component

1	<p>1. The firm to whom the work will be assigned will be primarily responsible to ensure the safety of all their employees working under them while they work inside factory premises. 2. The firm to whom the work will be assigned will be responsible for any act of the contractors, which amounts to contravention of any provision of the Factory Act, 1948 and the Maharashtra factory rules, 1963. 3. The firm to whom the work will be assigned will ensure and monitor the following:- 3.1 The firm has to nominate one of the competent supervisors, who in addition to his duty will also be responsible to look after the safety of employees working under them and safety of nearby other plant equipment. The name, address and mobile number should be informed to the safety department CNP before commencement of works. The firm will have to submit date wise detail work schedule work plan in prescribed format to the safety department at least three days in advance before the start of the work. This is very essential so as to identify the risks and for job safety analysis. 3.2 The firm will provide personal protective equipments to his employees to ensure their safety. 3.3 Electrical connection will be taken only with the written permission from the electrical department CNP. 3.4 The firm will ensure that their employees do not smoke inside the factory premises. 3.5 The firm will ensure that the hand tools, power tools, ladders, slings and equipments etc. are maintained in good working condition and will also ensure that they are safe and free from risk to employees. 3.6 All the machines brought by contractor for their job work should be properly guarded maintained in proper condition for their safe working. 3.7 For working at height, welding work, gas cutting work, excavation work, working on fragile roof, working on electrical line or work of similar nature, the firm and their contractor will inform the safety dept. CNP in advance and in each case the Permit to work will be obtained from safety dept. 3.8 All the lifting Mcs, lifting tackles, chain ropes, pulleys etc. will not be allowed in factory premises unless they are thoroughly examined and certified by the competent person as per Factory act 1948 once in every six month. Such certificate should be produced to CNP before taking them inside the factory. 3.9 In case of any accident, the firm representative will arrange to inform it to the safety dept. of CNP immediately. The agency will also arrange to inform the Inspector of Factories Nashik. 3.10 The agency will provide proper information to the Inspector of factories and safety officer during their inspection.</p>	Agree Only
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Common Terms

TECHNICAL SPECIFICATIONS

Sl.No	Terms	Component
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1	<p>Design, Engineering, Supply, Installation, Testing, Commissioning, Training And Fat Of Centralized Air Supply System On Turnkey Basis. Rotary screw type Air compressor: 1 Type of compressor:- Single stage, Air cooled, Oil lubricated type, Rotary Screw type Air compressor 2 Make:- Gardner Denver Atlas Copco Kaeser Comp-Air Firstair or equivalent make. 3 Total compressed air capacity required Free Air Delivery FAD-1500 CFM approximate. Where 03 air compressors should jointly supply approximately 1500 CFM and 01 air compressor of same capacity and model will remain stand by. 4 The capacity is tentative and firm has to carry out Design, Engineering, Supply, Installation, Testing, Commissioning, Training And Fat Of Centralized Air Supply System On Turnkey Basis. Note: The interested firm may visit the site before submission of offer. 5 Required quantity - 04 nos. Out of which 02 fixed 02 with VFD controller. 6 Capacity of each screw type air compressor in the range of 450-550 CFM at working pressure range 7-8 bar or kgcm². 7 Drive motor: The motor must be a totally enclosed fan cooled TEFC type. The motor must meet full load efficiency rating, motor power 75 KW/100 HP Indicative. Electric supply for the motor 3 phase, 400V 10 - 10, 50 Hz 5-5 Complete motor should free from maintenance. Motor efficiency IE-3, Protection- IP55, Insulation- class F. Approved manufacturers of motor Siemens, ABB, Baldor, etc. 8 Compressor Element: The compressor element profile shall be asymmetric profile design, less vibration, longer life, lower noise. 9 Drive Arrangement: Shall be Gear driven design, direct drive type. Drive system fully enclosed to protect against dust and dirt intrusion. 10 Suction air filter Inlet air filter, Dry type, easy replacement of filter element. Paper cartridge type inlet air filter installed in the compressor enclosure. Inlet air filter should be equipped with pressure difference indicator for monitoring and control system. Lower inlet pressure design with bypass valve to reduce noise more efficiently. Inlet filter change interval must be high. 11 Noise level: The compressor package noise level should be less than 73 Db A. 12 Cooling system: Compressor fitted with an aluminum, air cooler, oil cooler and after cooler. Air cooling system must include a radial fan driven by TEFC motor. 13 Moisture separator: There should be a moisture separator integrated with after cooler. 14 Water drain: Compressor should be equipped with water drain after, after cooler. There should be minimum zero loss of compressed air during removal of condensate water drain, shall be monitored and controlled by the system. A manual condensate drain valve also to be equipped. 15 Oil system: ASME approved synthetic oil to be used for lubrication and air oil separator with oil indicator is to be provided the oil should be readily available in the Indian market. Oil air separator element change interval must be high. Oil filter shall be with an integrated bypass valve. The temp. of Oil used to be regulated by thermostatic bypass valve, positive oil circulation should be achieved through differential pressure. Built in oil air separator with ease for maintenance. There should be a drain valve at the bottom of air-oil tank. Oil filter should remove impurities in coolant oil such as metal particles, deterioration of oil etc. to protect bearings and rotors. 16 It should be fitted with suitable receiver tanks safety valves, suitable pressure gauges, inlet outlet stop cock, and Automatic moisture drain valves. 17 Electric supply 415 volt, 50 Hz, 3 phase provided by CNP, suitable control panel to be provided by the firm including proper energy monitoring system and also should have provision to maintain the power factor as well as harmonics. 18 Suitable refrigerated type air dryer should operate on R-134 A refrigerant with suitable due point on each compressor. 19 Reservoirs of suitable capacity to be designed and installed in the system by the firm along with testing certificates. 20 System of Regulating Control: The full load no load startstop of compressor shall be combined to regulate it automatically to stop the compressor as required. An on board microprocessor or controller should control, monitor protect the operation condition of the air compressor and display on color display. There should be provision for programming of two pressure bands for loading unloading. Time based startstop change over shall be programmable. The controller should include function to startstop the air compressor during period of low demand high demand proactively. The controller must be capable of measuring temperature or pressure input on the display on graph. Graph shall be adjustable from 4 min. to 10 days. The air compressor shall be controlled locally, remotely or via a local area network. The controller must provide local control, general warning general shut down conditions. The controller shall monitor the hours of operation notify the operator to provide preventive maintenance in accordance to the factory service plan. The controller system should have the capability to monitor following functions- Discharge Pressure, Element outlet Temperature, Ambient Temperature, Compressor Status, Motor Overload status, Running Hours, Loaded hours, Regulator hours 21 The air compressor protective functions shall include Emergency Stop, Element outlet Temperature, Drive Cooling Fan motor overload, Service Warning. 22 Training shall be given by the firm for 07 Seven days at the purchasers site. 23 All the required civil work installation and commissioning e.g. unloading, shifting, ducting, cable laying work, installation of Air receiver tank ,connections, accessories e.g. Pressure gauges, pipes, stop valves, drain valves and compressed air pipeline loop up to end use in the sections of CNP-I, with required accessories etc. is on turnkey basis, in the scope of work of the firm. 24 It should be fitted with suitable receiver tanks safety valves, suitable pressure gauges, inlet outlet stop cock, and Automatic moisture drain valves. 25 Final Acceptance Test: 30 Days trial of the system shall be carried out. After successful completion of FAT, Final Acceptance Certificate will be issued. Technical specifications Of Compressed Air Distribution piping System: 1 Compressed Air distribution system in aluminum alloy pipes of standard make to be suitably used, for piping in compressor room, for shop-floor main header and sub header. 2 Material for piping should be extruded aluminum ally 6063 T5 T6 as per ASTM B241. 3 Color of the piping used should be Blue for all sizes and length. 4 Safety factor 4 for all the diameter pipes. 5 Working pressure-Max. 200-250 psig. 6 Working temperature- - 4 deg. F to 250 deg. F 7 Pipe outer surface should be coated with polyester powder paint and inner surface of the pipe should be chrome free conversion treated. 8 Type of connection- leak-proof press fit 9 All the required bend, elbows, tee, couplings, adapters, ball valves, pipe clips etc. used are to be of material SS-304. 10 All the required civil work installation and commissioning e.g. unloading, shifting, ducting, cable laying work, installation of Air receiver tank, connections, accessories, Overhead compressed air pipe line e.g. Pressure gauges, pipes, stop valves, drain valves and compressed air pipeline loop up to end use in the sections of CNP-I, with required accessories etc. is on turnkey basis, in the scope of work of the firm.</p>	Agree Only
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Lot No : 1

Lot Name	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
Fixed Type Screw Compressor	Supply, Erection and Commissioning	Fixed Type Screw Compressor	2.0 NO	INR	-	-

Lot No: 1 Specific Terms

Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total Example: a+b	Type of Component	Places of decimal	Lumpsum
a	Basic Price	-	Numeric Text Only	2	No
b	Packing and Forwarding Charges	-	Numeric Text Only	2	No
c	Frieght and Insurance Charges	-	Numeric Text Only	2	No
d	GST Amount	-	Numeric Text Only	2	No

Price formula

(a+b+c+d) (Up to 2 Decimal Place)

Lot No : 2

Lot Name	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
VFD Type Screw Compressor	Supply, Erection and Commissioning	VFD Type Screw Compressor	2.0 NO	INR	-	-

Lot No: 2 Specific Terms

Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total Example: a+b	Type of Component	Places of decimal	Lumpsum
a	Basic Price	-	Numeric Text Only	2	No
b	Packing and Forwarding Charges	-	Numeric Text Only	2	No
c	Frieght and Insurance Charges	-	Numeric Text Only	2	No
d	GST Amount	-	Numeric Text Only	2	No

Price formula

(a+b+c+d) (Up to 2 Decimal Place)

Lot No : 3

Lot Name	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
Air Receiver 2000 L	Supply, Erection and Commissioning	Air Receiver 2000 L	2.0 NO	INR	-	-

Lot No: 3 Specific Terms

Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total Example: a+b	Type of Component	Places of decimal	Lumpsum
a	Basic Price	-	Numeric Text Only	2	No

Variable Name	Name of Parameters	Sub Total Example: a+b	Type of Component	Places of decimal	Lumpsum
b	Packing and Forwarding Charges	-	Numeric Text Only	2	No
c	Frieght and Insurance Charges	-	Numeric Text Only	2	No
d	GST Amount	-	Numeric Text Only	2	No

Price formula
(a+b+c+d) (Up to 2 Decimal Place)

Lot No : 4

Lot Name	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
Refrigerated Type Air Dryer 600 CFM	Supply, Erection and Commissioning	Refrigerated Type Air Dryer 600 CFM	5.0 NO	INR	-	-

Lot No: 4 Specific Terms

Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total Example: a+b	Type of Component	Places of decimal	Lumpsum
a	Basic Price	-	Numeric Text Only	2	No
b	Packing and Forwarding Charges	-	Numeric Text Only	2	No
c	Frieght and Insurance Charges	-	Numeric Text Only	2	No
d	GST Amount	-	Numeric Text Only	2	No

Price formula
(a+b+c+d) (Up to 2 Decimal Place)

Lot No : 5

Lot Name	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
Air Receiver 5000 L	Supply, Erection and Commissioning	Air Receiver 5000 L	2.0 NO	INR	-	-

Lot No: 5 Specific Terms

Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total Example: a+b	Type of Component	Places of decimal	Lumpsum
a	Basic Price	-	Numeric Text Only	2	No
b	Packing and Forwarding Charges	-	Numeric Text Only	2	No

Variable Name	Name of Parameters	Sub Total Example: a+b	Type of Component	Places of decimal	Lumpsum
c	Frieght and Insurance Charges	-	Numeric Text Only	2	No
d	GST Amount	-	Numeric Text Only	2	No

Price formula
(a+b+c+d) (Up to 2 Decimal Place)

Lot No : 6

Lot Name	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
Electrical Distribution Panel with incom	Supply, Erection and Commissioning	Electrical Distribution Panel with incom	1.0 NO	INR	-	-

Lot No: 6 Specific Terms**Price Parameters/ Formula**

Variable Name	Name of Parameters	Sub Total Example: a+b	Type of Component	Places of decimal	Lumpsum
a	Basic Price	-	Numeric Text Only	2	No
b	Packing and Forwarding Charges	-	Numeric Text Only	2	No
c	Frieght and Insurance Charges	-	Numeric Text Only	2	No
d	GST Amount	-	Numeric Text Only	2	No

Price formula
(a+b+c+d) (Up to 2 Decimal Place)

Lot No : 7

Lot Name	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
Electrical Cable	Supply, Erection and Commissioning	Electrical Cable	1.0 NO	INR	-	-

Lot No: 7 Specific Terms**Price Parameters/ Formula**

Variable Name	Name of Parameters	Sub Total Example: a+b	Type of Component	Places of decimal	Lumpsum
a	Basic Price	-	Numeric Text Only	2	No
b	Packing and Forwarding Charges	-	Numeric Text Only	2	No
c	Frieght and Insurance Charges	-	Numeric Text Only	2	No
d	GST Amount	-	Numeric Text Only	2	No

Variable Name	Name of Parameters	Sub Total Example: a+b	Type of Component	Places of decimal	Lumpsum
Price formula (a+b+c+d) (Up to 2 Decimal Place)					

Lot No : 8

Lot Name	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
Aluminium piping system with ss-304 fitt	Supply, Erection and Commissioning	Aluminium piping system with ss-304 fitt	1.0 NO	INR	-	-

Lot No: 8 Specific Terms

Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total Example: a+b	Type of Component	Places of decimal	Lumpsum
a	Basic Price	-	Numeric Text Only	2	No
b	Packing and Forwarding Charges	-	Numeric Text Only	2	No
c	Frieght and Insurance Charges	-	Numeric Text Only	2	No
d	GST Amount	-	Numeric Text Only	2	No

Price formula
(a+b+c+d) (Up to 2 Decimal Place)

Lot No : 9

Lot Name	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
Installation and Commissioning	Supply, Erection and Commissioning	Installation, Testing, Commissioning, Training of Centralized Air Supply System	1.0 Activity	INR	-	-

Lot No: 9 Specific Terms

INSTALLATION AND COMMISSIONING

Sl.No	Terms	Component
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1	<p>Design, Engineering, Supply, Installation, Testing, Commissioning, Training And Fat Of Centralized Air Supply System On Turnkey Basis. Rotary screw type Air compressor: 1 Type of compressor:- Single stage, Air cooled, Oil lubricated type, Rotary Screw type Air compressor 2 Make:- Gardner Denver Atlas Copco Kaeser Comp-Air Firstair or equivalent make. 3 Total compressed air capacity required Free Air Delivery FAD-1500 CFM approximate. Where 03 air compressors should jointly supply approximately 1500 CFM and 01 air compressor of same capacity and model will remain stand by. 4 The capacity is tentative and firm has to carry out Design, Engineering, Supply, Installation, Testing, Commissioning, Training And Fat Of Centralized Air Supply System On Turnkey Basis. Note: The interested firm may visit the site before submission of offer. 5 Required quantity - 04 nos. Out of which 02 fixed 02 with VFD controller. 6 Capacity of each screw type air compressor in the range of 450-550 CFM at working pressure range 7-8 bar or kgcm². 7 Drive motor: The motor must be a totally enclosed fan cooled TEFC type. The motor must meet full load efficiency rating, motor power 75 KW/100 HP Indicative. Electric supply for the motor 3 phase, 400V 10 - 10, 50 Hz 5-5 Complete motor should free from maintenance. Motor efficiency IE-3, Protection- IP55, Insulation- class F. Approved manufacturers of motor Siemens, ABB, BALdor, etc. 8 Compressor Element: The compressor element profile shall be asymmetric profile design, less vibration, longer life, lower noise. 9 Drive Arrangement: Shall be Gear driven design, direct drive type. Drive system fully enclosed to protect against dust and dirt intrusion. 10 Suction air filter Inlet air filter, Dry type, easy replacement of filter element. Paper cartridge type inlet air filter installed in the compressor enclosure. Inlet air filter should be equipped with pressure difference indicator for monitoring and control system. Lower inlet pressure design with bypass valve to reduce noise more efficiently. Inlet filter change interval must be high. 11 Noise level: The compressor package noise level should be less than 73 Db A. 12 Cooling system: Compressor fitted with an aluminum, air cooler, oil cooler and after cooler. Air cooling system must include a radial fan driven by TEFC motor. 13 Moisture separator: There should be a moisture separator integrated with after cooler. 14 Water drain: Compressor should be equipped with water drain after, after cooler. There should be minimum zero loss of compressed air during removal of condensate water drain, shall be monitored and controlled by the system. A manual condensate drain valve also to be equipped. 15 Oil system: ASME approved synthetic oil to be used for lubrication and air oil separator with oil indicator is to be provided the oil should be readily available in the Indian market. Oil air separator element change interval must be high. Oil filter shall be with an integrated bypass valve. The temp. of Oil used to be regulated by thermostatic bypass valve, positive oil circulation should be achieved through differential pressure. Built in oil air separator with ease for maintenance. There should be a drain valve at the bottom of air-oil tank. Oil filter should remove impurities in coolant oil such as metal particles, deterioration of oil etc. to protect bearings and rotors. 16 It should be fitted with suitable receiver tanks safety valves, suitable pressure gauges, inlet outlet stop cock, and Automatic moisture drain valves. 17 Electric supply 415 volt, 50 Hz, 3 phase provided by CNP, suitable control panel to be provided by the firm including proper energy monitoring system and also should have provision to maintain the power factor as well as harmonics. 18 Suitable refrigerated type air dryer should operate on R-134 A refrigerant with suitable due point on each compressor. 19 Reservoirs of suitable capacity to be designed and installed in the system by the firm along with testing certificates. 20 System of Regulating Control: The full load no load startstop of compressor shall be combined to regulate it automatically to stop the compressor as required. 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The controller system should have the capability to monitor following functions- Discharge Pressure, Element outlet Temperature, Ambient Temperature, Compressor Status, Motor Overload status, Running Hours, Loaded hours, Regulator hours 21 The air compressor protective functions shall include Emergency Stop, Element outlet Temperature, Drive Cooling Fan motor overload, Service Warning. 22 Training shall be given by the firm for 07 Seven days at the purchasers site. 23 All the required civil work installation and commissioning e.g. unloading, shifting, ducting, cable laying work, installation of Air receiver tank ,connections, accessories e.g. Pressure gauges, pipes, stop valves, drain valves and compressed air pipeline loop up to end use in the sections of CNP-I, with required accessories etc. is on turnkey basis, in the scope of work of the firm. 24 It should be fitted with suitable receiver tanks safety valves, suitable pressure gauges, inlet outlet stop cock, and Automatic moisture drain valves. 25 Final Acceptance Test: 30 Days trial of the system shall be carried out. 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2	<p>Terms, conditions & safety codes to be followed by the firm/their employees:-</p> <p>1. The firm to whom the work will be assigned will be primarily responsible to ensure the safety of all their employees working under them while they work inside factory premises.</p> <p>2. The firm to whom the work will be assigned will be responsible for any act of the contractors, which amounts to contravention of any provision of the Factory Act, 1948 and the Maharashtra factory rules,1963.</p> <p>3. The firm to whom the work will be assigned will ensure and monitor the following:-</p> <p>3.1 The firm has to nominate one of the competent supervisors, who in addition to his duty will also be responsible to look after the safety of employees working under them and safety of nearby other plant equipment. The name, address and mobile number should be informed to the safety department CNP before commencement of works. The firm will have to submit date wise detail work schedule/work plan in prescribed format to the safety department at least three days in advance before the start of the work. This is very essential so as to identify the risks and for job safety analysis.</p> <p>3.2 The firm will provide personal protective equipments to his employees to ensure their safety.</p> <p>3.3 Electrical connection will be taken only with the written permission from the electrical department CNP.</p> <p>3.4 The firm will ensure that their employees do not smoke inside the factory premises.</p> <p>3.5 The firm will ensure that the hand tools, power tools, ladders, slings and equipments etc. are maintained in good working condition and will also ensure that they are safe and free from risk to employees.</p> <p>3.6 All the machines brought by contractor for their job work should be properly guarded/ maintained in proper condition for their safe working.</p> <p>3.7 For working at height, welding work, gas cutting work, excavation work, working on fragile roof, working on electrical line or work of similar nature, the firm and their contractor will inform the safety dept. CNP in advance and in each case the Permit to work will be obtained from safety dept.</p> <p>3.8 All the lifting M/cs, lifting tackles, chain ropes, pulleys etc. will not be allowed in factory premises unless they are thoroughly examined and certified by the competent person (as per Factory act 1948) once in every six month. Such certificate should be produced to CNP before taking them inside the factory.</p> <p>3.9 In case of any accident, the firm representative will arrange to inform it to the safety dept. of CNP immediately. The agency will also arrange to inform the Inspector of Factories Nashik.</p> <p>3.10 The agency will provide proper information to the Inspector of factories and safety officer during their inspection.</p>	Agree Only																					
<p>Price Parameters/ Formula</p>																							
<table border="1"> <thead> <tr> <th>Variable Name</th> <th>Name of Parameters</th> <th>Sub Total Example: a+b</th> <th>Type of Component</th> <th>Places of decimal</th> <th>Lumpsum</th> </tr> </thead> <tbody> <tr> <td>a</td> <td>Installation and Commissioning Charges</td> <td>-</td> <td>Numeric Text Only</td> <td>2</td> <td>No</td> </tr> <tr> <td>b</td> <td>GST amount on above</td> <td>-</td> <td>Numeric Text Only</td> <td>2</td> <td>No</td> </tr> </tbody> </table>	Variable Name	Name of Parameters	Sub Total Example: a+b	Type of Component	Places of decimal	Lumpsum	a	Installation and Commissioning Charges	-	Numeric Text Only	2	No	b	GST amount on above	-	Numeric Text Only	2	No					
Variable Name	Name of Parameters	Sub Total Example: a+b	Type of Component	Places of decimal	Lumpsum																		
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b	GST amount on above	-	Numeric Text Only	2	No																		
<p>Price formula</p> <p>(a+b) (Up to 2 Decimal Place)</p>																							