

MSME TOOL ROOM : HYDERABAD

TECHNICAL SPECIFICATIONS OF BORING HEAD

S.No.	Description	Quantity	Party's Specifications
1.	Precision Boring Head Set Range \varnothing 12 – \varnothing 152mm 1 micron accuracy suitable to SIP BORING MACHINE	One full set	
2.	Suitable Inserts	50 nos	
3.	Precision Boring Head Set Range \varnothing 25 – \varnothing 33 Working length 80mm 1 micron accuracy	One full set	
4.	Suitable Inserts	50 nos	

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TECHNICAL SPECIFICATIONS OF AIR COMPRESSOR – 1no.

S.No.	Description		PARTY's SPECIFICATIONS
I	AIR COMPRESSOR WITH ALL STANDARD FITTINGS		
	CAPACITY	100 cfm	
	Max. Working Pressure	12.5 Kg/Cm ²	
	Drive/Power	Energy efficient Electric Motor Continuous rating – 440 volts 3 phase 15 to 20 HP	
	Type	Piston type/Screw type	
	Cooling	Air cooled	
	Coupling	Direct coupling or through 'V' belt	
	No. of stages	Single/double stage	
	Tank capacity	1000 ltrs	
	Mounting	Antivibration Mountings to be provided	
	Piping	All pipes & tubes, High Quality leak proof and rust free	
	Unit supplied must be energy efficient		
	Accoustic enclosure and Energy efficient electric motors. Pressure safety valves between stages and also on receiver. Pressure gauge, pressure switch, Non-return valves. Pressure Test Certificate for Air receiver Performance test certificate for complete unit. Operation, . Maintenance and spare parts manual – 2sets		
	Moisture separator with automatic drain		
	Efficient separations of air and oil to be provided		

II.	AIR DRYER DESCICATOR/REFREIGERANT TYPE WITH AUTOMATIC DRAIN MOISTURE VALVE AND WITH ALL STANDARD FITTINGS		
a.	Max Working Pressure	16kg/Cm ²	
b.	Flow capacity	150 cfm	
c.	Electrical (volts)	230/1Ph/50Hz or 3 phase/420V/50Hz	
d.	Cooling Medium	Air cooled	
e.	Indication	Standard Controller/Visual Performance Indications	
f.	Energy Efficient Compressor		
	Operation, . Maintenance and spare parts manual – 2sets		
III.	AIR FILTERS WITH ALL STANDARD FITTINGS		
a.	Pre-filter (Heavy Duty) – For Removal of particles down to 1 micron including Coalesced Liquid Water and Oil providing a maximum remaining aerosol content of 0.5 mg/m ³		
b.	Fine Filter – For Removal of particles down to 0.01micron including water and oil aerosols providing a maximum aerosol content of 0.01 mg/m ³ .		
C.	Carbon filter – For Removal of Oil Vapour and Hydrocarbon odors giving a maximum remaining oil content of <0.003 mg/m ³ (< 0.003 ppm) (Excluding Methane)		
	Service facility – Local		
	Spare parts provided		

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TECHNICAL SPECIFICATIONS OF

MATERIAL STORAGE RACKS & TOOL HOLDER RACKS

S.No.	Description	PARTY'S SPECIFICATIONS
I.	MATERIAL STORAGE RACKS- 11nos	
a.	Size: 6'Width x 2 ½ Depth and 4 ½ Height	
b.	Gap should be 2 " for each shelf	
c.	Weight of the material storage should be 1.5 tonne	
d.	Each rack should have wooden plank protection of at least 1" to 2" to avoid the scratches while loading the materials	
II.	TOOL HOLDER RACKS -2nos	
a.	Size: 24" Width x 24" Depth x 36" Height	
b.	Minimum Tool Height – 300mm	
c.	With Ball Bearing sliding	
d.	Adjustable dividers are to be provided to store various items in same cabinet	
e.	Tool holder type ISO 40 & ISO 50	

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TECHNICAL SPECIFICATION OF JIB CRANE – 1no.

S.No.	Description	PARTY's SPECIFICATIONS
1.	Load carrying capacity : 2 tonnes	
2.	Height – 10'	
3.	Arm Length – 8'	
4.	Swing (Min): 180 degree	
5.	Chain Pulley type for cross movement and load carrying	
6.	Cantilever type	
7.	Warranty – One year	

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TECHNICAL SPECIFICATIONS OF

PLANT DESIGN MANAGEMENT SYSTEM (PDMS)- 2 Licences

S.No.	Description	PARTY'S SPECIFICATIONS
1.	Plant Design Management System (PDMS) –Version 12.0	
	Fully Interactive , eacy to use 3D Environment supported by Microsoft Style user interface based on net technology	
	Clash checking, 3d Editing features, Equipment Templates and Modeling	
	Quick pipe routing Function can be orthogonal and non orthogonal	
	Capable of HVAC and DUCTING	
	Inteligent and Parametric Penetration	
	Catalogues Covering National and International Standards	
	Customisable Graphic User Interface	
	Compatable with Open Programming Environment	

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TECHNICAL SPECIFICATIONS OF COMPUTER TABLES & CHAIRS

Sl.No.	Description	PARTY's SPECIFICATIONS
1.	COMPUTER TABLES -40nos	
	Make : Novapan make	
	Top : Prelaminated and water proof	
	Shelf : ' L ' type for the provision of CPU	
	Sliding Desk : For locating of Key board & Mouse (similar to Godrej Make)	
	Specifications: 2" x 2 ½ ' x 2 ½ '	
2.	COMPUTER CHAIRS with arm: 40nos With eminent colour	
	Feature : Hydraulic model with height adjustment with heavy duty Wheels	
	Seat & Back : Cushion type	
	Type of Chair : Revolving model	
	Note: Please enclose catalogues along with the quotation.	

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TECHNICAL SPECIFICATIONS OF VERNIER HEIGHT GAUGE

S.No.	Description	Quantity	PARTY'S SPECIFICATIONS
1.	VERNIER HEIGHT GAUGE	4nos	
	Standard Height gauge with adjustable main scale Range 0-300 mm		
2.	Accuracy +/-0.03mm Over 300mm length		
3.	Graduation 0.02mm		
4.	Provision for main scale adjustment & locking		
5.	Provision for Slider Fine Feed		
6.	Carbide Tipped Scriber and Scriber clamp to be provided		
7.	Holding bar for test indicator alongwith swivel clamp to be provided		
8.	Certificate of Inspection to be submitted		

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TECHNICAL SPECIFICATIONS OF FITTING TABLES & CUPBOARDS

S.No.	Description	Quantity	PARTY'S SPECIFICATIONS
1.	Supply & fixing of Boxes of 20 gauge CRCs sheet boxes for existing fitting tables.	20 Nos	
	Size of the box: 24" x 30" x 28"		
	Each box must contain eight cabins with locking facility and painted with grey colour on red oxide coating		
II.	CUPBOARDS	4nos	
	6 ½' - 20 Gauge		

MSME TOOL ROOM : HYDERABAD
CENTRAL INSTITUTE OF TOOL DESIGN
BALANAGAR :: HYDERABAD

GENERAL TERMS & CONDITIONS

1. CITD being the premier training institute in Tool Engineering, the supplier should quote competitive prices applicable to all educational institutions.
2. Quotations should be addressed to the Principal Director, Central Institute of Tool Design, Balanagar, Hyderabad 500 037.
3. Late Tenders are liable to be rejected
4. Quotations should be submitted in sealed bids in two separate envelopes Part-I containing documents of proof of being reputed manufacturer and containing technical bids along with earnest money deposit and Part-II containing commercial and price bids in duplicate. These two covers should be sealed individually and both should be put in another sealed cover superscribed with tender No. and date and name of the item. The price bids (Part-II) of the parties whose bids, which are technically meeting the requirements of the Institute will be opened separately. The bidders whose offer meet the technical requirements of the Institute shall be communicated about the date & time of opening of price bids at a later date.
5. Quotations should clearly indicate the minimum time required for effecting supply & the date of delivery should be strictly adhered to. Time is the essence of the contract and the Institute reserves the right to levy liquidated damages @1% of the order value for each week of delay or part thereof subject to a maximum of 5%.
6. Quotations submitted shall be valid for a minimum period of 120 days from the date of opening.
7. The quotations should accompany an interest free EMD prescribed in advertisement by way of crossed Demand Draft obtained from any Nationalized Bank drawn in favour of Central Institute of Tool Design, Hyderabad 37 or cash/equivalent Bank Guarantee. **Quotations without EMD shall not be considered. Firms registered with DGS&D and NSIC or with any Govt. Organisation also need to furnish EMD/BG.** The EMD is liable for forfeiture in case the party fails to execute the order in full part as per the terms and conditions of the order and the Institute may at its option recover all the damages, losses and expenses resulting out of such breach of contract.
8. The Institute reserves the right to alter, cancel, accept, modify vary any terms, quantities, conditions and change the specifications etc., or reject the quotations either fully or partly without assigning any reason therefor.
9. Any order resulting from the enquiry shall be governed by the general terms and conditions of contract of CITD.
10. Where counter terms and conditions of business have been offered, CITD shall not be deemed to be governed by these, and bound by them unless specific written acceptance thereof has been given by CITD.
11. The price must be shown separately for each item, percentage of reduction, if any, in the total price.
12. The Institute reserves the right to increase or decrease the quantity at the time of placing firm order.
13. The Institute reserves the right to reject the material if found substandard and not as per specifications and supplier must make arrangements to replace the same with correct material at the premises of the Institute in case of rejections, immediately within a period of 15days. The party shall bear all costs and expenses involved in such an event.

14. The quotations should clearly indicate the percentage of tax, excise duty, octroi charges and other levies and also furnish the APGST and CST certificate numbers.
15. The Institute will issue "C" form wherever necessary.
16. The income tax at source will be deducted from the bills wherever applicable.
17. Parties are required to submit their sealed quotations superscribing on the left side of the envelope the details of tender notifications, last date and the item for which the tender is submitted.
18. The offers quoted shall be for free delivery of stores at the premises of the Institute. For outstation parties, the supplies must be for door delivery at the premises of the Institute FREIGHT PAID. All goods liable to damage or deterioration in transit must be insured which should be arranged by the suppliers at their own cost.
19. As a policy, the Institute will not make any advance payment or allow documents for negotiation through Bank. However, the bills are normally cleared with 60 days time subject to our inspection and acceptance and also further subject to supplier's compliance of the purchase order conditions fully. However, parties are not entitled to claim any interest for the payments made beyond 60days.
20. Mere participation in the tender and offering of lowest rates does not confer any right on any party for placing order on them.
21. All the disputes arising out of the contract shall be subject to HYDERABAD Jurisdiction only.
22. Parties are required to effect supplies, commission and install the machinery/equipment/items at any place in the State of **Andhra Pradesh** designated by the Institute and extend/maintain warranty/guaranty at such places, Guaranty/Warranty commences from the date of completion of installation/commissioning and Training.
23. For all the matters concerned to and not covered herein above, the decision of Principal Director shall be final and binding on the parties.
24. Besides standard warranty for 12 months from the date of Installation & Commissioning , parties should quote prices separately for additional two years warranty.
25. Parties should give performance Bank Guarantee for the equipment design, material used and for workmanship during the standard warranty period and also for subsequent two years warranty for a value of 10% of the total value.
26. The offers must contain the details of compulsory accessories optional accessories, spares separately and quoted item –wise in the tender.
27. Commissioning./erection charges if any extra should be specifically quoted separately with details of labour charges.
28. The equipment offered shall be strictly conforming to the specification and for complete unit with correct accuracies as per standard dimensions mentioned.
29. CITD will have the option to pre-inspect the machine/equipment at suppliers works by its our own inspector or by third party agency appointed for this purpose. The final inspection will however be carried out at CITD works at Hyderabad.
30. Suppliers must submit their offer alongwith the list of customers (with their full address and their purchase reference number) to whom they have supplied similar machine in the past five years. The date of supply should also be indicated.