



এস.বি.আই.ইনফ্রা ম্যানেজমেন্ট সলিউশনস প্রাইভেট লিমিটেড
(ভারতীয় স্টেট ব্যাঙ্কের একটি সম্পূর্ণ নিজস্ব সহায়ক)
एस. बी. आई. इन्फ्रा मैनेजमेंट सोल्यूशंस प्राइवेट लिमिटेड
(भारतीय स्टेट बैंक की एक पूर्ण स्वामित्ववाली सहायक)
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B. TECHNICAL SPECIFICATIONS

A. MODULAR FURNITURE

We hereby invite the quotation as per the eligible criteria mentioned below in compliance this tender technical specification from Reputed ISO Certified Modular Furniture for Office Set UP System through our L1 Contractor. The Selected L1 contractor has to submit a minimum three Reputed Modular Furniture Manufacturer Company List fulfilling the required criteria form which, he is going to procure the office furniture fulfilling the tender Specification & following Criteria.

Eligibility Criteria for Technical Bid Qualification:

1. The vender should be exclusively a manufacturer / dealer / authorized distributor of furniture and should have registered office anywhere in India but must have a branch office in Kolkata for after Sales support. Documents for the Branch office should be given.
2. The average annual turnover during the last three year should not have been less than Rs. 1 crore.
3. The document containing bids shall be free from cutting and over write. However alteration if any in the tender document, should be attested properly by the bidder.
4. The supply and installation of above items shall be made by the vender free of charges **within 30 days** from the issue of purchase order.
5. **The bidder has to provide one model of sample of required for Technical evaluation. The vendors selected after technical evaluation will be called for price bid opening. Bids submitted without sample will not be considered for technical evaluation.**
6. Dealership certificate on the offered products in case the vendor is a dealer.
7. List of reputed organizations / Intuitions, where similar orders have been executed.
8. Up-to-date Sales Tax / VAT Clearance Certificate / Sales Tax Registration Certificate & Service Tax Registration Certificate including also the TIN (Tax Identification No.) Number of the FIRM.
9. Audited financial statement and IT return for any three years from 2007-08 to 2010-11.
10. Copy of PAN Card.
11. Vendor must have ISO 9001: 2000 and ISO 14001:2004 Certified Company. Copy of ISO-9001:2000 and ISO 14001:2004 must attached with this.
12. Details & nature of maximum warranty period offered by the vender.



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13. Vendors must have complete at least one similar type job of minimum value of Rs 30 Lacs or Two Similar Type jobs of Rs minimum Rs 18 Lacs or Three Silimar jobs of Rs 15 Lacs. Completion certificate along with copy of Purchase Order / Work Order should attached with Technical Bid. Please note the jobs should be done for Central Govt / State Govt / Govt undertaking./ Reputed PVT Ltd Company
14. The vendors should have PF and ESIC (Employees State Insurance Corporation) registration. The documents should attach with technical bid.
15. Bank will not provide any Way Bill or Road permit.

All the document submitted including tender document should be duly certified by the authorised signatories.

I. 60MM THICK PANEL BASED MODULAR PARTITION SYSTEM

A. PARTITION PANELS

The thickness of the partition is 50mm. the partition is made of MDF boar of 8 mm MDF boards with appropriate material to give strength, stability and other functional needs. The skin of the partition will be made of two layers of 8 mm thick Prelaminated MDF board or 8 mm MDF board covered with fabric except where glass is required. As per design soft board and white marker board are provided. The partition panels are finished with fabric/ laminate/ glass or in combination as per design. The glass panels will have plain glass of 6mm thickness.

The partition has exclusively designed Aluminum extrusions for the top trims, raceway covers, cable tray, corner trims and channels for glass. Each partition panels is provided with leveling bolts to take care of the unevenness in the floor level. The partition panels can be made to any height as per client's requirement .The panels are joined by slotted ms channels. The slot is used to fix work surface and storages with the help of ms brackets at any desired height.

B. Raceway And CABLING FACITLITY

All the partition has two integrated raceway provided one at skirting level and another at the work surface level thus ensuring separation of power and networking cables. The free space available within raceway accommodation power, data and communication cables.

The cable can be taken into the panels from the bottom through floor trucking. Once the cables enter the panels it can be taken for one end to the other end continuously as per Power/Lan layout plan. Approximately 90 to 100(5mm dia) cables can be accommodated in the raceway channels.The raceway at the skirting level will be



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provided with CRCA .8 MM with Powder coating snap cover on both side of Skirting level only. The second raceway at the table top level will not have a snap cover but instead the slot cutting of the switches will be done on the laminate or fabric panel. The cable running at skirting level can be terminated at table top level through disciplined wiring channels provided inside the panels. The partition panels have aluminum cables tray at skirting level to carry the cables away from the floor. The raceway cover at the skirting level will be provided with appropriate electrical switch cutouts, as per the samples of switches. The switch cutouts for above table top will be done on the laminate or fabric panel as indicated & number of cutouts in each workstation would depend upon the size of the switches.

C. WORK SURFACE

The Work Tops is made of 25mm thick MDF board. The surface will be post formed by 0.8mm thick laminate to provide rounded edges. The bottom surface will also be laminated. MS brackets that will be powder coated to 50 to 60 microns will support the worktops. The tables will be lipped with the Pvc edge band of 1.0mm to 2.0mm thickness. The CNC machine provides high level consistency in dimensions & curvilinear profiles.

Following are the Exclusive features:-

- The table tops will be provided with wire manager for cabling.
- The work surfaces with straight portion curvilinear profiles to add to the aesthetics and ergonomics.
- The work surface can be fixed to any desired height and subsequently changed to any height very easily without the necessity to dismantle the complete system.
- The work surfaces are offered in a variety of shapes and sizes to meet the functional/aesthetics requirements. E.G typical computer workstation, peninsular, circular, semicircular, elliptical table tops.

II. DRAWER UNITS AND STORAGES:

3D pedestal (Post formed top)(mobile) size: Minimum 400(W)X495(D)X700(H).

It is mounted on twin wheel lockable 4 nos of castors and consists of 2 small drawers and 1 full drawer. The bottom and sides are fabricated out of 18mm thick 1 side pre laminated board. The fascia is fabricated out of 18mm thick MDF board with laminate finish. The top is of 18mm MDF board 0.8mm thk. Post formed laminate on top position 0.7mm thk. Balancing laminate on back. The back will be of 9mm thk MDF boards. The side panels of drawers fabricated out of MS sheets & bottom with MDF boards and assemble with drawers, runners, for smooth



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operation. A single locking system is provided. All metal components will be finished in epoxy powder coating. All exposed edges will be 1.2 mm thk. PVC lipping finish.

VERTICAL STORAGE UNITS (PRE LAM FINISH)

All components except top & bottom are fabricated out of 18mm pre laminated boards (PLB). The outer structure is made out of 18mm pre laminated boards (PLB). The back of the unit is made from 9mm PLB. The units are assembled by knock down fittings such as Minifix & Dowels. The shelves are made out of 18mm PLB, which are adjustable in height. The shutters are made out of 18mm PLB and fitted by auto-closing hinges and with suitable locking arrangement. The handles are of brush steel finish. All storages are provided with suitable levelers to cater for floor undulations. The necessary knock down fittings, locks, and stoppers will have to be provided. All board components edge are finished with PVC Lipping. The 750mm High VSU will be provided with sliding shutters while 1200mm high VSU will be provided with openable shutters. The top is fabricated of 25mm prelam MDF board with PVC Lipping.

There should be minimum of 100mm skirting and 10-20mm height adjustable system at the bottom to adjust unevenness of the floors. While for 1200mm high there should be 2 shelves and for 750mm high there should be 1 shelf. All shelves will be adjustable. For 2100mm High storage there should be 4 shutters, 2 partitions & at least 5 shelves. If the storages shall be metal box type, then all exposed position will have to be covered with the 18mm thk. Pre lam MDF board.

IV. DISCUSSION AND CONFERENCE TABLES

The discussion and conference tables are also offered to meet the complete office needs. The supports will be made of either steel pipes or 25mm Pre laminated board. The legs will be provided with leveling screws. The Tabletops are lipped with PVC edge band. The conference tables are made modular to increase / decrease the capacity.

For Round Tables:

The Table top is made of 12 mm thk. Tinted glass whose edges will be properly beveled of 25mm. The top is supported on metal base of 150 mm dia. The dia. Of 150mm should have rubber shoe at the finishing point for water Protecting.

For Big Conference Table :

The top is fabricated out of 37 mm MDF board with duly PU coating on the top position while the back side of the top, Should have the balancing laminate. The edges will be duly chamfered on and finished with PU coating. The Top will be supported on 25mm black



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stained boards side. The shape of the table will be oval whose middle part will be 1000mm wide while the two ends will be 750 mm wide. All board sides will be interconnected to increase the strength of the table. ON the middle of the table top there should have complete wire management facility both for the LAN socket and for the electrical socket.

LIST OF APPROVED MAKE & MANUFACTURERS FOR MODULAR FURNITURE WORKS

The Contractor shall quote for the best of the materials as specified below with ISI mark wherever applicable. The Contractor shall obtain prior approval from the Employer/Architects before placing order for the specific materials agencies. In case of non-availability of any of the approved/specified materials/Agency, during the execution of the work, the Employers/Architects may approve suitable equivalent brand/Agency and his decision shall be final and binding on the Contractor and the price variations, if any, shall be adjusted accordingly.

Items	Name of the Manufacturer
	M/S ISO Certified Reputed Make Approved by EIC Through Pre-Qualification Norms as laid Down in this Tender. Or M/S Godrej/Wipro/Featherlite
Modular Work Station Make	Maximum Delivery Time: Four Weeks. Detail Drawing to be Prepared for Modular Supplier/Vendor.
a) Aluminium extrusions for Doors abd Partitions	INDAL/HINDALCO/NALCO
b) Brass	M/S Vijay Industrial Engineering Corporation
c) Locks	M/S Armstrong/ MS Vijayan/EPCO
d)Screw	M/S Nettle/ G.K.W./Hafele/Hittich
e) Castors	M/S Egni/EpcO/Regal Castors
f) Glazing	M/s Modi/ M/S Saint Govin
g) Prelaminated MDF Board Interior grade with	M/S Centrury Plyboard/M/s Greenply
ISI Mark	
l) Laminate	GREENLAM, CENTURYMICA, ROYAL TOUCH,



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j)Furnishing Fabric	Response Fabric
	Praveen Kumar/Vimal Harmony
k) Hardware	M/S Hittich /M/s Hafele/M/S EBCO/M/S Slide System
l) Powder Coating	Eight Processing (40 to 50 Micron)
	Epoxy Finish.
j) Metabox	HAFFLE/HITTICH/EBCO/Samet
k) Hinges	HAFFLE/HITTICH/EPCO/SAMET
L) Door Loaser	HAFFLE/HITTICH/STERLING/SAMET
m) Floor Spring	HAFFLE/HITTICH/Dorma/SAMET
n)PVC Lipping	Rehau/Dolkin/M/s Asis/M/s Fibro
o)MDF Board	Centrury Ply/Green Ply/Equivalent

All above Documents have to submitted by the L1 Selected Vendor within three days from the date of receipt of work order, If fails to submit, then his tender may liable for rejection.



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PREAMBLE TO BILL OF QUANTITIES

Bidders are advised to quote their rates after due consideration of the following pertinent:

- Actual site conditions including working time that would be available to them as per standing rules
- Material access regulations of the building including permission of use of lifts and stairways
- Temporary storage provision of disposable materials arising out of the work
- Security measures and permissions required to be observed and obtained in consultation with the representatives of the landlords and act strictly according to the same.
- Traffic regulations of the City Police in order to organize trouble free access of materials
- The work has to be executed in close and effective co-ordination with other executing agencies who shall be working simultaneously
- Any other governing issue or issues likely to have impact on the productions rate and cost of work
- The variation or modification of the work or the addition or omission or substitution of any part of the works.
- All measurements shall be in metric system. All the works in progress shall be jointly measured by the authorized agent of Contractor & EIC. Such measurements shall be got recorded in the measurement book by the EIC or his authorized representative and signed in token of acceptance by the contractor or his authorized representative.
- No work will be paid for unless found satisfactory and carried out strictly in accordance with the Specifications by the Company and certified by the Engineer to such effect.
- The Contractor shall be solely and exclusively liable and responsible for compliance with all existing applicable safety laws, rules and regulations, the safety of workmen
- In the event that the Contractor's performance is found to be unsatisfactory, the company shall reserve the right to terminate the order merely by giving a minimum notice of 7 (seven) days. The assessment of the Company about the performance is final and is binding on both the parties. The Contractor shall also hand over to Company all documents & drawings pertaining to the project.



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