

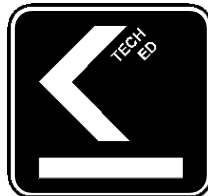
TENDER DOCUMENT

FOR

PURCHASE OF MECHANICAL

DRIVEN COMPACTOR STORAGE

SYSTEM



Price Rs. 1,000/-

**THE PUNJAB STATE BOARD OF TECHNICAL
EDUCATION AND INDUSTRIAL TRAINING**

**CONDITIONS GOVERNING THE TENDER FOR
SUPPLY AND INSTALLATION OF MECHANICAL DRIVEN STORAGE COMPACTORS**

Last date of submission of Tender Document : **18.10.2016 Time 1:00PM**
The Pre Bid Conference meeting : **13.10.2016 (11.00 am)**

1. Tenders for Supply and Installation of Mechanical Driven Storage Compactors are invited from reputed manufacturer having turnover of 10 crore and having good experience of Supply and Installation of mechanical Driven compactors in Govt. Department/Board/Educational institutions having relevant experience in the field .Tenders received up to 18-10-2016 at **1.00 pm** will be eligible for consideration as per Tender Notice and shall be further subject to the following terms and conditions.
2. Each tender should be accompanied with earnest money of Rs. 1 lacs in form of Demand Draft in favour of the Secretary, Punjab State Board of Technical Education and Industrial Training, Chandigarh. Tender not accompanied with earnest money shall not be entertained. Earnest money in cash or by cheque shall not be accepted. No concession/ exemption regarding deposit of earnest money will be given on any ground, whatsoever and tenders not accompanied with earnest money will be rejected straightway. Demand draft should be put in the envelope alongwith "Technical details" in the tender document and other documents relating to qualifying conditions.
After successful tender a security amount equal to 7.5% of the tender amount in the shape of DD/FDR/bank guarantee in favor of Secretary Punjab State Board of Technical Education and Industrial Training Chandigarh is required to be submitted in the office of Board.
3. Tender should be filled in two separate parts and in two envelopes. (**Envelope No. 1 & Envelope No.2**)
Envelop No 1 should contain the performa and all documents relating to qualifying conditions supplied alongwith this tender and may be subscribed on the envelope as "**Envelop No. 1-Technical Bid**".
Envelope No. 2 will contain the Commercial Bid and rates should be quoted in the Performa supplied for this purpose along with this tender and may be subscribed as "Envelop No. 2 - Commercial bid" for Supply and Installation of mechanical compactors
Envelop No.1 will be opened on dated 18-10-2016 at 3.00pm in the presence of those tenderers who may wish to be present. The Commercial Bids of only those tenderers will be opened, who fulfilled all qualifying technical bid conditions. Officers of the Board may inspect the premises of the manufacturer / Suppliers and installations in and around Chandigarh in order to verify the particulars mentioned in Performa for Envelope No.1 and quality of same. In that case, Commercial Bid will be opened on a later date after analyzing the qualifying conditions and visiting the site by committee deputed.
4. Mechanical Driven Compactors are to be supplied as per the specifications indicated in Schedule 'A'. If the supply is not in accordance with the specification indicated in schedule 'A', the whole or part of supply may be rejected by the Board and the firm is liable to take back the supply at his own cost and the amount of security money will be forfeited.
5. Rate should be quoted per body in the Performa of "Commercial Bid" attached with Schedule 'A', which should be including sales tax, if any, other incidental charges including freight and octroi charges as may be applicable at any time during the execution of the order by the supplier.
6. The bidders shall supply mechanical driven bay exactly as per specifications indicated in Schedule 'A'. Board officials may inspect the material at random and got tested from any laboratory of repute. Expense of laboratory charged will be born by the Board in case material supplied is as

per specification mentioned below. But in case material supplied not as per specifications, then the laboratory expenses will be charged from the suppliers.

- The storage load bearing capacity of the unit level between 120-130 kg and full body be of around 500-550 kg.
- It should not till under load so that any type of mishappening could be avoided, secondly proper storage can be done.
- Make should comply of international standards and new one.
- It must be modular with easy shelves adjustability.

7. Any departure from these conditions will be liable to disqualify the tenderer.
8. No advance payment shall be made to the successful bidder. Payment will be made on the successful completion of the job.
9. In case required user may ask for sample installation at site within stipulated time frame,
10. Deputing on committee requirement they may accept and reject any party without giving any reason.
11. Manufactures' service setup details should be furnished and should have one number local representative of engineer level.
12. The deputed labour will be responsibility of the tenderer
13. One free service audit after one year of system installation to be done by the supplier.
14. Dealer can participate in the tender on behalf of Manufactures with proof of Authorized dealer.
15. The prices of Supply and Installation of mechanical driven bay will remain valid upto 1 year from the date of issuance of acceptance letter issued by the Board, which can be extended for another six months at the discretion of the Board on the same terms and conditions of the tender document.
16. **The complete supply with installation as per supply order will have to be made within 45 days of the issue of the order, failing which a penalty for the late execution of the job will be levied on the amount payable as under -**
 - i) **for delay upto seven days of the time limit prescribed in the supply order** **2% of the value of tender not complied with**
 - ii) **For delay more than seven days and upto 15 days of the time limit prescribed in the supply order.** **4% of the value of tender not complied with.**
 - iii) **If the delay is more than 15 days (max 20 days) of the time** **limit prescribed in the supply order**
10% of the value of tender not completed with plus 0.25% additional penalty per day than the above mentioned penalty on the unexecuted order value of tender and the Board may also have the right to cancel the bargain and to forfeit the earnest money. The Board may also claim damages which it may suffer on account of non supply / unsatisfactory supply of the material in complete job. It will be at the discretion of the Board to accept or reject the late supplied material and also to get the work done from any other source at the cost of defaulting firm without giving any notice.
17. The responsibility to get the sample approved will solely lie with the party. Any delay more than the prescribed limit will be at the sole discretion of the Chairman of the Board.

18. Supply order of tender quantity shall be given in one or more than one go as per the requirements of the Board.
19. The Board reserves the right to accept / reject the lowest tender or all the tenders without assigning any reason. It is not necessary that work will be allotted to all or any of the firm that participate in tender.
20. The tenderer should sign all the pages of the tender document and affix stamp.
21. In case successful bidder surrenders the work after accepting the same, a penalty @25% will be imposed on the amount of surrendered work and Security amount will be forfeited.
22. The details of manufacturing facilities must be enclosed with the tender.
23. All the disputes shall be subject to the jurisdiction of the Chandigarh Courts

CERTIFIED THAT I / WE HAVE READ THE CONDITIONS CAREFULLY AND UNDERTAKE TO ABIDE BY THEM FAITHFULLY. FURTHER CERTIFIED THAT I / WE WILL BE ABLE TO SUPPLY AND INSTALL THE REQUIRED MECHANICAL COMPACTORS WITHIN THE STIPULATED PERIOD.

Name of Bidder
Address
Mobile No.
Telephone No. (Office)
Telephone No.

(Stamp and Signature of Bidder)

Proforma for Envelop no.1

Technical Specifications of Mechanically Driven Compactors of approx. 400 bodies (Quantity may Increase/decrease as per the availability of site)

Specification of each Body

Overall Height – 1976 mm, System Height -1810mm, Width -1308 and wherein space utilisation is required a body of 935mm may be installed, Depth –SF 466 / DF 865 mm. No. Of Loading Level per body =4 (Compartment =4 nos.)

Superstructure of the system is the integrated storage units having multiple loading levels on each unit with boltless assembly. Assembled superstructure has to be mounted on the modular under structure with a typical base plate. Mobile shelving System has to be designed as per below guideline ensuring operational safety and stability with required static/dynamic load carrying of trolley including live load & dead weight of the system. For designing the system highest international standard should be used as applicable in manufacturing industry.

Raw Material

Load bearing members & accessories are made up of relevant high strength steel & the different types of materials used are:

Optimiser body, shelves & door shall be made up of 0.8mm thick CRCA Mild steel. Each body shall have 5 loading levels formed by 4 nos adjustable shelves & its back panel shall be made from single sheet.

All material test certified should be provided alongwith original bills. Supplier should mention applicable standards on components as applicable.

Verticals Member:-

Upright Should be roll-formed construction made up of single piece having slots at 25mm pitch with thickness 1mm. It enables the warehouse manager to utilize the rack optimally to suit the changing SKU sizes. Uprights should be inserted & bolted to the undercarriage.

The manufacturing process Should be of punching and forming is in one flow and a synchronized operation, thereby providing dimensional accuracy and contour uniformity consistently.

Bracing Spacer -

Bracing type is battened type. Bracing is a formed single piece section which connects two vertical uprights & makes a frame. Bracings are the key members in maintaining the system stability. These are hooked into upright& two plastic rivet pins used for fastening.

SHELVES:Shelves should be roll formed with 14 fold for better strength & better load bearing capacity

It should be made of prime quality steel of 0.8 mm thick. Width of Panel should be 1300 / 900 mm as per body width and depth 400 mm, Load bearing capacity of each shelf should be 125 kgs. Shelves should be adjustable at an pitch of 25mm, should be mounted by clips and no bolting should be done. Each body should be with 4-compartments with 4-adjustable shelves.Total load bearing capacity per body should be minimum 500 Kg.

Front, Rear& Back End Box Cladding (FBC) Assembly

Front box cladding is the cladding on the drive handle side. It is an assembly of either single / multiple pieces together to form a front fascia. Should be made up by forming process, thickness 1mm,Color Middle piece: Graphite Grey Edge pieces: Light Grey. These claddings prevent un-authorized access of material from front side & also pilferage. Claddings should offer good aesthetics to the system.

Inner side Plain Cladding

Inner side plain claddings should be used while assembling in between two units, thickness should be 0.8mm

Electronic pin Lock

Electronic pin lock is a mechanism used to lock the overall system (Block). Electronic pin Lock will be locked automatically, while closing the aisle. The lock can be opened with preset pin numbers for accessing the material. No. of codes acceptable should be more than 8 numbers. Lock should comply with Underwriters

laboratory Inc. standard of high security of electronic locks. Low Power Indication Sound Beep, Mechanical override function for easy maintenance.

Label Holder

List of items stored in a bay can be inserted into this label holder. Label can be inserted from top of the holder. One label holder should be provided for single / double face unit.

Undercarriage & Rail Assembly

Undercarriage should be lipped C Channel with height 120 mm with guided wheels with powder coated finish, Guide rail should be rectangular bar size 25 x 16 so as to uniformly distribute the load to ground. Rail should be provided with slope plates for safe people movement, Also it should ensure smooth & noise free operation.

Drive Unit Assembly

Effort reducing mechanism with Chain & sprocket arrangement, Lock handle should be provided to lock the total bay. Handle should be made up of ABS (Acrylonitrile Butadiene Styrene) Plastic to provide enough grip while operation. Also for better aesthetics handle should always be in downward position.

Safety & stability arrangement:-

In order to provide safety & stability to the system necessary stability arrangement both on the superstructure as well as in the undercarriage i.e. Anti-Tilt Mechanism respectively must be provided to the system as required by SEMA guideline.

Pretreatment and Final Finish of the System:-

All the components must be treated with anticorrosive Special Pre-Treatment. Powder coating should emit zero or near zero volatile compounds. All the components of the super superstructure has to be Powder Coated with Epoxy-polyester Powder Coating after doing the above surface treatment,Pre-treatment process should be 5 stage 7 tank process degreasing in two stages then rinsing stages iron phosphating and then RO water rinsing. Dry Film thickness should be average 35 Microns, Powder Coating used should be lead free. Supplier should have in-house facility for below 10 testing to check various aspects viz color testing, Gloss test, Dry Film thickness test, adhesion test, Hot water test, curing testing, salt spray test, scratch test, impact test & conical Mandrel Test.

Particulars of Earnest Money

Earnest Money: Bank Draft No. _____ Dated _____ Rupees _____

Name of the Bank _____

Name of the Bidder _____

Address _____

Mobile No. _____

Telephone No. (Office) _____

Telephone No. (Office) _____

TECHNICAL CHECK LIST				
Documentary Proof to be submittedSL	PARAMETER	Checklist	Documentary Proof to be submitted	Indicate Eligibility Y/N
1.	Bidder should have been registered company/firm under companies act.	Provide copy of same	Copies of Registration	
2.	Manufacturing capability	The bidder himself should be a manufacturer of complete product & should possess ISO-9001, Compliance to load bearing capacity should be given	Company registration certificate other ISO quality certificates	
3.	Work experience	The bidder should have satisfactorily completed installation of similar works as mention below during the last three years in Govt./PSU	Satisfactory completion certificate	
4.	Service Station	The bidder should have his own office or authorised sales and service centres in Punjab operating from last minimum three years.	Bank account & other details/sale Tax No. under company's name	
5.	Reputed Firm	The bidder should never have been debarred or blacklisted from any Govt/Semi Govt./PSU/Board/Corporation/University or any Automous body in the las five years span.	Affidavit duly attested by Notary	
6.	Complete Bid	The manufacturer shall quote for all the item required in this tender. Partial items if quoted shall not be considered and tender shall be rejected	For information & Compliance.	
7.	Sales Tax No. / VAT No.	Provide copy of same	Copy of appropriate authority	
8.	PAN No.	Provide copy of same	Copy of appropriate authority	
09.	Quantity Addition/Reduction	The Department reserve the right to increase or decrease quantities of any item at the time of placing the order to successful bidder.	For information & Compliance.(Give Consent)	
10.	Authority of Final Decision	The bid /contract can be terminated any time without citing any reason. No claim can be made what so ever by the bidder against any action taken by the department in this process.	For information & Compliance.(Give Consent)	
11.	Typographical Errors	The Incharge is authorised to amend or deviate against any typographical error in the tender document in case it is observed impractical or unfeasible & which has no implication on the overall performance.	For information & Compliance. (Give Consent)	
12.	SAFETY & QUALITY STANDARDS	The manufacturer must possess certificates of ISO 9001-2008.	Certificates duly signed & stamped .	
13.	SURVEY & DESIGN CAPABILITIES	The successful bidder who so ever should submit neat layout plans for all rooms / halls after allotment of work but before starting the assembly & shall get it approved from the Site Incharge. The layouts shall be colored layouts duly stamped.	Compliance need to be submitted with the bid that this condition shall be fulfilled if the bidder is successful to get this work.	

NOTE:-

1. Firms are required to submit scanned copies of all certificated in technical bid issued by the competent.
2. Firm is required to submit a membership certificate of BIFMA
3. Equivalency of certification: - The onus lies on firm to prove equivalency of certification. The firm shall submit necessary proof in this regard at its own cost.

Proforma for Envelop no. 2

FINANCIAL BID

S.NO.	Name of Work	Qty	Unit Price	Amount
1	Supplying Of Optimizer/ Storage Compactors of approved make shape and colour including centralized locking knobs, stoppers, fasteners,guide channels etc with adjustable shelves complete in all respects as per specifications mentioned in DNIT and to the entire satisfaction of officer in charge.			
2	a } Body Size - Overall Height: 1980 mm Body : 1830 mm(H) 1308 mm(W)*400 mm(D) with four adjustable shelves per body giving five loading levels			
3	Others, body of 935mm with same configuration			

Terms & Conditions:

1. The material will be supplied strictly as per DNIT specifications and to the entire satisfaction of officer in charge
2. All the terms & conditions as per approved bid documents shall be strictly applicable on this contract

Name of the Bidder _____

Address _____

Mobile No. _____

Telephone No. (Office) _____

Telephone No. (Office) _____