1. The Chairman, University Procurement Committee on behalf of the University of Peradeniya now invites sealed bids from eligible and qualified bidders for the supply, installation and commissioning of Laboratory Furniture for the Department of Chemical & Process Engineering, Faculty of Engineering.

2. Interested eligible bidders requested to visit the site and obtain information from the Head, Department of Chemical and Process Engineering, Faculty of Engineering, University of Peradeniya on any working day between 9.00 a.m. to 4.00 p.m. T’phone No. 081-2393691.

3. Additional details are provided in the Bidding Document.

4. A complete sets of Bidding Documents in English language may be purchased by interested bidders on the submission of a written application to the address given below and upon payment of a non refundable fee Rs. 2,000/= to the Shroff, at the Senate Building, University of Peradeniya up to 3.00 p.m. on normal working days from 24.05.2016 to 14.06.2016. The bidding documents can also be downloaded from the University Website i.e. www.pdn.ac.lk. Those who are obtaining bidding documents from the University Website should submit the tenders along with a Bank Draft drawn in favour of the “Bursar, University of Peradeniya” for Rs. 2,000/= as the non-refundable fee.

5. Bids must be delivered to the Chairman, University Procurement Committee, Senate House, University of Peradeniya, Peradeniya on or before 1.00 p.m. on 15.06.2016. Late bids will be rejected. Bids will be opened in the presence of the bidders’ representatives who choose to attend in person at 1.30 p.m. on 15.06.2016 at the Committee Room of the Senate Building, University of Peradeniya. All Bids marked as “Supply, Installation and Commissioning of Laboratory Furniture, Dept. of Chemical & Process Engineering, Faculty of Engineering – No. LS-02/16/NCB/27 on the top left hand corner of the envelope.

6. All bids must be accompanied by a Bid Security. Value of the Bid Security is specified in the bidding document. The Bid Security should be obtained from a recognized Commercial Bank in Sri Lanka, in favour of the Vice-Chancellor, University of Peradeniya, Peradeniya, valid for 120 days from the date of the bid opening.

7. The Technical Proposal will be opened in the presence of the bidders’ representatives who choose to attend in person at 1.30 p.m. on 15.06.2016 at the Committee Room of the Senate Building, University of Peradeniya. Financial proposal will be opened after evaluating the Technical Proposal, the opening date and time of the Financial Proposal will be notified by the registered post by the University.

7. The final acceptance of the procurement rests entirely with the University. The University of Peradeniya shall not bind itself to accept the lowest or any bid and it reserves the right of accepting or rejecting any of the Bids without giving reasons.

VICE CHANCELLOR
UNIVERSITY PROCUREMENT COMMITTEE
UNIVERSITY OF PERADENIYA
Dear Sir,

SUPPLY, INSTALLATION AND COMMISSIONING OF LABORATORY FURNITURE

DEPARTMENT OF CHEMICAL & PROCESS ENGINEERING

FACULTY OF ENGINEERING

The Chairman, University Procurement Committee, University of Peradeniya invites sealed bids for the supply, installation and commissioning of the Laboratory Furniture at the Department of Chemical & Process Engineering, Faculty of Engineering from reputed vendors up to 1.00 p.m. on 15.06.2016 under the general terms and conditions set out below.

GENERAL TERMS AND CONDITION

❖ Bidding will be conducting National Competitive Bidding Procedure under the two Envelopes Systems. In this system the bidders are required to submit their Technical and Financial Proposal simultaneously, in two separate Envelopes with the duplicate sets of document.

❖ The Technical Proposals are to be opened first and reviewed to determine bidders’ response and Financial Proposal shall be opened in public after Evaluating the Technical Proposal. Opening date and time of the Financial Proposal will be notified by the registered post by the University.

❖ The bidders are required to visit the Department of Chemical & Process Engineering at the Faculty of Engineering, University of Peradeniya before submit the Tender Document and shall have to get the detailed information for full fill your Technical Proposal.

[1] Bids must be sent in the prescribed form annexed (Annexure I) hereto. All the bidders should sign and send the document attached to the annexure I containing the General Terms and Conditions along with the documents listed in the clause 16 hereto. The cost for the bidding documents once paid shall not be refunded.

[2] Bids should be addressed to the Chairman, Procurement Committee, University of Peradeniya, Peradeniya.

[3] Bids should be sent in duplicate with all the blanks in the document duly perfected, signed and dated, in two separate sealed covers, distinctly marked as (a) and (b) below, otherwise it is likely to be rejected.
Both sealed envelopes should be enclosed in one securely sealed cover and should be forwarded by registered post or deposited in the Official Tender Box kept at the Registrar’s Office of the University of Peradeniya addressed only to the Chairman, Procurement Committee, University of Peradeniya, Peradeniya on or before 15.06.2016 at 1.00 p.m.

The Bid document thereof is not received by the date and time specified, the Bid shall not be accepted on any account. Bids will be opened at 1.30 p.m. on 15.06.2016, (soon after the closing of bids) at the Committee Room, University of Peradeniya.

The bidder or one representative is permitted to be present at the opening of the bids, at which time, name of the bidder, amount of the bids, if discounts are declared in bid form, amount of the discount will be read out.

Those who are obtaining the bidding documents from the University Website i.e. www.pdn.ac.lk should send their documents along with a Bank Draft for the value of Rs. 2000/= in favour of the Bursar, University of Peradeniya as a non refundable fee. If not the bids shall be rejected.

Any alterations made in the bid must bear the signature of the bidder and all bids containing alterations not so signed shall be treated as informal and rejected.

Bids submitted in illegible manner shall also be rejected.

Qualification of a bidder

All bidders shall possess legal right to supply of goods under this procurement.

All bidders shall produce a copy of the Business Registration Certificate/ Certificate of Incorporation (if the bidder is a Company).

Only the bidders who are doing business in the field of Laboratory Furniture at least for the past Three (3) years shall only be qualified to submit the Tenders. During that period the Bidder should have at least one of similar type of supplies completed which the contract value be exceeded approximately Rs. 7 Million. The certified copies of agreement or order and completion certificates should be attached with the bidding documents.

No bidder whose name is black listed at the Treasury shall be qualified to submit a bid.

A bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Any attempt on the part of the bidders or their agents to influence the officials of the University in their favour by personal canvassing with the Officers concerned or any other party shall disqualify the bidders.
Documentary Evidence:

Supplier should provide detailed literature, brochures and certificates as a reference document with page numbers against the schedule of requirement of Laboratory Furniture. Those reference page numbers should indicate in schedule of requirements. Unavailability of authentic technical details is considered as the non-compliance. Above document need to be attached with the Technical Proposal.

Also should provide the drawings of furniture arrangements in the Laboratory in to a scale.

[7] Validity of quotation

Quotations shall be valid only for 90 days from the date of closing of the procurement.

[8] Liquidated Damages

The successful bidder shall provide the ordered Furniture within 90 days time, from the date of approved the samples and confirmed the order, in case of delayed supplies, liquidated damages at the rate of Rs. 2,000/= per day will be levied. The bidder can supply the furniture partly.

[9] Clarifications may be sought from you on technical/Commercial aspects, if felt necessary.

[10] The Bidder shall undertake to supply Laboratory Furniture according to the specifications given.


[12] Bidders should be prepared to accept orders subject to the penalty clause for forfeiture of Performance Security in the event of default in supplies or failure to supply within the stipulated period or supply of poor quality furniture. Bidders shall invariably specify in their bidding documents the delivery conditions including the time required for the supply of furniture quoted for.

[13] Bidders may quote for all items in the list.

[14] Evaluation

The bids will be evaluated as one contract.

[15] The final acceptance of the tender rests entirely with the University. The University of Peradeniya shall not bind itself to accept the lowest or any bid and it reserves the right of accepting or rejecting any of the Bids. The Bidders on their part should be prepared to supply the items ordered from them what they have quoted in the bidding documents.

[16] The bidding document must be consisted of the following documents as a part of the Bid:

1. General Terms and Conditions of the Bid (Annexure I)
2. Bid Submission Form (Annexure II)
3. Specifications (Annexure III)
4. Schedule of requirement (Annexure IV)
5. Price Schedule (Annexure V)
6. Specimen form for Performance Security (Annexure VI)
7. Specimen form of Bid Security (Annexure VI)
9. Any other documents.

[17] The bidders should be prepared to provide samples of furniture if requested by the University for further evaluation. All the items supply under the purview of this Tender should strictly be conformed the quality of the sample and the specifications.
The substantial responsive bids will be referred to the Technical Evaluation Committee for further evaluation and recommendation and subsequently to the Procurement Committee for a decision.

Bids should be firm and subject to no variation for fluctuation of prices.

The successful tender will be notified by the registered post, the acceptance of his/her bid by the University. The successful Bidder shall also execute an agreement, for the due fulfillment of the contract within the period to be specified in the letter of acceptance. If the bidder within ten days of being noticed declines or fails to enter into an Agreement on the basis of the Procurement and / or fails to submit the Performance Security referred to in paragraph 24 of these Conditions, his bid shall be rejected.

The official purchase order will be placed with the successful bidder after submitting the Performance Security referred to in paragraph 24 of the conditions.

Fully priced copies of the Schedule of prices/rates duly signed must be submitted along with the documents. Any alterations made in the quotations must bear the signature of the bidder and all bids containing alterations not so signed shall be treated as informal and rejected.

Bid Security

The bids should accompany a Bid Security amount of 1% of the lump sum obtained from a recognized bank operates in Sri Lanka valid for 90 days from 15.06.2016 in favour of the Vice-Chancellor, University of Peradeniya. (Insurance Bond will not be accepted). All bids send without the Bid Security shall be treated as informal and be rejected.

Performance Security:

Before a formal Agreement is signed, the successful bidder shall be required to furnish a Performance Security for 10% of the contract sum from an approved Bank (Insurance Bond will not be accepted) in the name of the Vice-Chancellor, University of Peradeniya, Peradeniya and to mortgage and hypothecate the same to the Vice-Chancellor, University of Peradeniya as security with an approved Bank in favour of the Vice-Chancellor, University of Peradeniya. The validity date should be one month beyond the completion date of the contract and for the payment of all claims to which the Vice-Chancellor, University of Peradeniya may be entitled under the provisions of the Agreement to be entered into.

Forfeiture of Performance Security:

(a) The Furniture which will be supplied should strictly be conformed to the quality of the sample submitted and if they are found to be not in par with the sample the order shall be rejected and the Performance Security shall be forfeited to the University. The University shall not be responsible for paying any expenses or losses incurred by the supplier/s in supplying of inferior quality furniture.

(b) In cases where a successful bidder, after having made partial supplies fails to fulfill the contracts in full, all or any of the furniture not supplied may at the discretion of the purchasing Officer, be purchased by means of another procurement/quotations or by negotiation or form the next higher bidder who had offered to supply already and the loss, if any, caused to the University shall thereby together with such sums as may be fixed by the University towards the damages, be recovered from the defaulting bidder by forfeiting the performance security.

Any other information may be obtained from the Deputy Bursar/Local Supplies, University of Peradeniya on any working day between 9.00 a.m. to 4.00 p.m. T'phone No. 081-2392417.
Please note to send your documents with all the annexures set out in the clause 16 above. Bids without annexure shall be rejected.

The Procurement Committee reserves the right to reject any or all bids received in this connection, or altogether cancel this procurement. The decision of the Procurement Committee shall be final and conclusive.

The University of Peradeniya shall not be responsible for or pay any expenses or losses which may be incurred by the bidder in preparation of this procurement.

Bidder should provide at least one year warranty for the furniture supply under this procurement.

If the bidder is not the manufacturer of the quoted furniture, bidder should submit a Manufacturer's Authorization Letter. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer.

Yours faithfully,

Chairman
University Procurement Committee
University of Peradeniya
ANNEXURE I

GENERAL TERMS AND CONDITIONS

[1] Bids should be addressed to the Chairman, Procurement Committee, University of Peradeniya, Peradeniya.

[2] Bids should be sent in duplicate with all the blanks in the documents duly perfected, signed and dated, as follows, in two separate sealed covers, distinctly marked as (a) and (b) below, otherwise it is likely to be rejected.

(a) ORIGINAL – SUPPLY, INSTALLATION AND COMMISSIONING OF LABORATORY FURNITURE FOR THE DEPARTMENT OF CHEMICAL & PROCESS ENGINEERING, FACULTY OF ENGINEERING- LS-02/16/NCB/27

(b) DUPLICATE – SUPPLY, INSTALLATION AND COMMISSIONING OF LABORATORY FURNITURE FOR THE DEPARTMENT OF CHEMICAL & PROCESS ENGINEERING, FACULTY OF ENGINEERING- LS-02/16/NCB/27

Both sealed envelopes should be enclosed in one securely sealed cover and should be forwarded by registered post or deposited in the Official Tender Box kept at the Registrar’s Office of the University of Peradeniya addressed only to the Chairman, Procurement Committee, University of Peradeniya, Peradeniya on or before 15.06.2016 at 1.00 p.m.

The Bid document thereof is not received by the date and time specified, the Bid shall not be accepted on any account. Bids will be opened at 1.30 p.m. on 15.06.2016 (soon after the closing of bids) at the Committee Room, University of Peradeniya.

The bidder or one representative is permitted to be present at the opening of the bids, at which time, name of the bidder, amount of the bid, if discounts are declared in bid form, amount of the discount will be read out.

Those who are obtaining the bidding documents from the University Website i.e. www.pdn.ac.lk should send their documents along with a Bank Draft drawn in favour of the Bursar, University of Peradeniya for the value of Rs. 2,000/= as a non refundable fee. If not the bids shall be rejected.

[3] Any alterations made in the quotations must bear the signature of the bidder and all bids containing alterations not so signed shall be treated as informal and rejected.

[4] Bids submitted in illegible manner shall also be rejected.


All bidders shall possess legal right to supply of goods under this procurement.

All bidders shall produce a copy of the Business Registration Certificate/Certificate of Incorporation (if the bidder is a Company)

Only the bidders who are doing business in the field of Laboratory Furniture at least for the past Three (3) years shall only be qualified to submit the tenders. During that period the Bidder should have at least one of similar type of supplies completed which the contract value be exceeded approximately Rs. 7 Million. The certified copies of agreement or order and completion certificates should be attached with the bidding documents.

.................................................................

Seal and the signature of the bidder
No bidder whose name is black listed at the Treasury shall be qualified to submit a bid

A bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Any attempt on the part of the bidders or their agents to influence the officials of the University in their favour by personal canvassing with the Officers concerned or any other party shall disqualify the bidders.

**Documentary Evidence:**

Supplier should provide detailed literature, brochures and certificates as a reference document with page numbers against the schedule of requirement of Laboratory Furniture. Those reference page numbers should indicate in schedule of requirements. Unavailability of authentic technical details is considered as the non-compliance. Above document need to be attached with the Technical Proposal.

Also should provide the drawings of furniture arrangements in the Laboratory in to a scale.

[6] **Validity of quotation**

Quotations shall be valid only for 90 days from the date of closing of the procurement.

[7] **Liquidated Damages**

The successful bidder shall provide the ordered Furniture within 90 days time, from the date of approved the samples and confirmed the order, in case of delayed supplies, liquidated damages at the rate of Rs. 2,000/- per day will be levied. The bidder can supply the furniture partly.

[8] Clarifications may be sought from you on technical/Commercial aspects, if felt necessary.

[9] The Bidder shall undertake to supply Laboratory Furniture according to the specifications given.


[11] Bidders should be prepared to accept orders subject to the penalty clause for forfeiture of performance security in the event of default in supplies or failure to supply within the stipulated period or supply of poor quality furniture. Bidders shall invariably specify in their bidding documents the delivery conditions including the time required for the supply of furniture quoted for.

[12] The University of Peradeniya shall not be responsible for pay any expenses or losses which may be incurred by the bidder in preparation of this Procurement.

[13] Bidders may quote for all items in the list.

[14] **Evaluation**

The bids will be evaluated as one contract.

[15] The final acceptance of the tender rests entirely with the University. The University of Peradeniya shall not bind itself to accept the lowest or any bid and it reserves the right of accepting or rejecting any of the Bids. The Bidders on their part should be prepared to supply the items ordered from them what they have quoted in the bidding documents.

Seal and the signature of the bidder
The bidding document must be consisted of the following documents as a part of the Bid:

1. General Terms and Conditions of the Bid (Annexure I)
2. Bid Submission Form (Annexure II)
3. Specifications (Annexure III)
4. Schedule of requirement (Annexure IV)
5. Price Schedule (Annexure V)
6. Specimen form for Performance Security (Annexure VI)
7. Specimen form of Bid Security (Annexure VII)
9. Any other documents.

The bidders should be prepared to provide samples of furniture if requested by the University for further evaluation. All the items supply under the purview of this Tender should strictly be conformed the quality of the sample and the specifications.

The substantial responsive bids will be referred to the Technical Evaluation Committee for further evaluation and recommendation and subsequently to the Procurement Committee for a decision.

Bids should be firm and subject to no variation for fluctuation of prices.

The successful tender will be notified by the registered post, the acceptation of his/her bid by the University. The successful Bidder shall also execute an agreement, for the due fulfillment of the contract within the period to be specified in the letter of acceptance. If the bidder within ten days of being noticed declines or fails to enter into an Agreement on the basis of the Procurement and / or fails to submit the Performance Security referred to in paragraph 24 of these Conditions, his bid shall be rejected.

The official purchase order will be placed with the successful bidder after submitting the Performance Security referred to in paragraph 24 of the conditions.

Fully priced copies of the Schedule of prices/rates duly signed must be submitted along with the documents. Any alterations made in the quotations must bear the signature of the bidder and all bids containing alterations not so signed shall be treated as informal and rejected.

Bid Security

The bids should accompany a **Bid Security amount of 1% of the lump sum** obtained from a recognized bank operates in Sri Lanka valid for 90 days from **15.06.2016** in favour of the Vice-Chancellor, University of Peradeniya. (Insurance Bond will not be accepted). All bids send without the Bid Security shall be treated as informal and be rejected.

Performance Security:

Before a formal Agreement is signed, the successful bidder shall be required to furnish a Performance Security for 10% of the contract sum from an approved Bank (Insurance Bond will not be accepted) in the name of the Vice-Chancellor, University of Peradeniya, Peradeniya and to mortgage and hypothecate the same to the Vice-Chancellor, University of Peradeniya as security with an approved Bank in favour of the Vice-Chancellor, University of Peradeniya. The validity date should be one month beyond the completion date of the contract and for the payment of all claims to which the Vice-Chancellor, University of Peradeniya may be entitled under the provisions of the Agreement to be entered into.

Seal and the signature of the bidder
Forfeiture of Performance Security:

(a) The Furniture which will be supplied should strictly be conformed to the sample submitted and if they are found to be not in par with the sample the order shall be rejected and the Performance Security shall be forfeited to the University. The University shall not be responsible for paying any expenses or losses incurred by the supplier/s in supplying of inferior quality furniture.

(b) In cases where a successful bidder, after having made partial supplies fails to fulfill the contracts in full, all or any of the furniture not supplied may at the discretion of the purchasing Officer, be purchased by means of another procurement/quotations or by negotiation or form the next higher bidder who had offered to supply already and the loss, if any, caused to the University shall thereby together with such sums as may be fixed by the University towards the damages, be recovered from the defaulting bidder by forfeiting the performance security.

Any other information may be obtained from Senior Deputy Bursar/Local Supplies, University of Peradeniya on any working day between 9.00 a.m. to 4.00 p.m. Telephone No. 081-2392417.

Please note to send your documents with all the annexure set out in the clause 16 above. Bids without annexure shall be rejected.

The Procurement Committee reserves the right to reject any or all bids received in this connection, or altogether cancel this procurement. The decision of the Procurement Committee shall be final and conclusive.

The University of Peradeniya shall not be responsible for or pay any expenses or losses which may be incurred by the bidder in preparation of this procurement.

Bidder should provide at least one year warranty for the furniture supply under this procurement.

If the bidder is not the manufacturer of the quoted furniture, bidder should submit a Manufacturer’s Authorization Letter. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer.

Seal and the signature of the bidder
UNIVERSITY OF PERADENIYA
SUPPLY, INSTALLATION AND COMMISSIONING OF LABORATORY FURNITURE
DEPARTMENT OF CHEMICAL & PROCESS ENGINEERING
FACULTY OF ENGINEERING

BID SUBMISSION FORM

To: Chairman,
    Procurement Committee,
    University of Peradeniya, Peradeniya.

Having examined the instructions to Bidders, General Conditions, Specifications and Bidding Data Sheets/Offer Sheets for the Supply, Installation and Commissioning of Laboratory Furniture for the Analytical Chemistry Lab in the new Building of the Dept. of Chemical & Process Engineering, we the undersigned, offer to Supply, Installation and Commissioning of Laboratory Furniture for the Analytical Chemistry Lab in the new Building of the Dept. of Chemical & Process Engineering in conformity with the said General Conditions, Specifications and Bidding Data Sheets/Offer for the cost mentioned below. *(Please indicate all inclusive cost with VAT)*

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Total Price in Figure Rs.</th>
<th>Price in Words</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
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</table>

We agree to abide by this quotation for the period of 120 calendar days from the date fixed for receiving the same and it shall remain binding upon us and may accepted at any time before the expiration of that period.

Unless and until a formal Agreement is prepared and executed this quotation together with your written acceptance thereof, shall constitute a binding contract between us.

We understand that you are not bound to accept the lowest and that you reserve the right to reject any or all quotations or to accept any part of quotation in the best interest of the University without assigning any reasons thereof.

Name of Bidder : .................................................................
Seal : ..............................................................................
Signature of Bidder : .........................................................
Name and Title of the Signatory : ......................................
Telephone and Fax Nos. : Telephone Nos. : .........................
Fax Nos. : .................................................................
Name of Witness : .............................................................
Signature of Witness : ......................................................
Address : ........................................................................

Date : ................................................................................

Name of Witness : .............................................................
Signature of Witness : ......................................................
Date : ................................................................................
## Technical Specifications

**Supply, Installation and Commission of Laboratory Furniture**  
**Department of Chemical & Process Engineering, Faculty of Engineering**  
**University of Peradeniya**

<table>
<thead>
<tr>
<th>Section No.</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
</table>
| 1          | Supporting structure for Table Frames/Stool Frames/Reagent Shelves/Storage Racks | • Structure to fabricate with steel treated against corrosion and strong chemicals. Powder coated for smooth finish and protection. Minimum thickness to be 1.8mm and epoxy coating minimum 75µm. All benches to be modular type.  
            |                                                                               | • Structure of the reagent table, head table and laboratory stool should be fabricated with suitable sections of 1.8mm minimum thickness mild steel or square steel tubes maintaining the strength of the laboratory furniture.  
            |                                                                               | • All systems can be easily detached and re-arranged according to the requirement.  
            |                                                                               | • Structure should not have any tack welding points to prevent corrosion.  
            |                                                                               | • All benches should be in standing work height of 900mm unless stated.  
            |                                                                               | • Shelve space variable and should be adjustable by the user without any tools.  
            |                                                                               | • Three shelves for each side with epoxy coated front & rear protectors.  
            |                                                                               | • Shelves base & should cover with phenolic resin work top to prevent any corrosion. |
| 2          | Under bench cupboards/Wall storage Cupboards / Under bench drawer Cupboards    | • Metallic parts treated and epoxy powder coated with thickness not less than 75µm in order to prevent from corrosion and chemical effects.  
            |                                                                               | • Minimum thickness of metal sheet should be 0.8mm thick.  
            |                                                                               | • For wall mounted cupboard sliding glass doors preferred.  
            |                                                                               | • Doors to be open at standard angle and adjustable in at least two positions.  
            |                                                                               | • Doors and drawers should be complies to the standards in order to reduce noise levels.  
            |                                                                               | • D Type handles should be stainless steel or chrome plated. |
- Structures should not have any tack welding points to prevent corrosion.
- The surfaces shall not absorb any toxic substances, deform or de shaped at elevated environmental conditions.
- Under bench cupboards, drawers and wall storage cupboards should be lockable.

<table>
<thead>
<tr>
<th>3</th>
<th>Physical Properties of work surface and work tops</th>
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<tbody>
<tr>
<td></td>
<td><strong>All the surfaces should not absorb any toxic substances deform or de-shaped at elevated environmental conditions.</strong></td>
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<tr>
<td></td>
<td><strong>Phenolic resin worktop with 16-20mm thickness, constructed conforming to SEFA, ISO 4586 or equivalent with high chemical and stain resistant characteristics. Preferred gray colour.</strong></td>
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<td></td>
<td><strong>Should provide independent testing laboratory report certifying that the Phenolic work surface meets or exceeds the test criteria such mentioned below.</strong></td>
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<td><strong>Resistance to:</strong></td>
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<td></td>
<td>Surface ware according to the EN 438, boiling water and water vapor according to the EN 438, wet heat according to the EN 12721, dry heat according to the EN 438, scratching according to the EN 438-2:2005, staining according to the EN 438, compact according to the EN 438, crazing according to the EN 438. Bending strength according to the EN ISO 178, Density according to the EN ISO 178, Antibacterial Activity according to the ISO 22196:2011, Rockwell hardness according to the ASTM D – 785-08 or equivalent.</td>
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<tr>
<th>4</th>
<th>Work Top (Chemical resistance properties against acids, bases &amp; other chemicals)</th>
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<tr>
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<td><strong>Should provide independent testing laboratory report certifying that the Phenolic work surface meets or exceeds the chemical resistance properties against mentioned below. Against to:</strong></td>
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<td></td>
<td>Acetic acid (AR) 99%, Hydrochloric acid (AR) 37%, Hydrochloric acid (AR) 48%, Nitric Acid (AR) 65%, Phosphoric acid (AR) 85%, Sulfuric acid (AR) 85%, Ammonia (AR) 25%, Sodium Hydroxide (AR) 40%, Acetone (AR), Benzene (AR), Formaldehyde (AR) 37%, Hydrogen Peroxide (AR) 3%, Phenol (AR), Chloroform (AR).</td>
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<tr>
<th>5</th>
<th>Sink</th>
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<td></td>
<td><strong>It shall be of Polypropylene, molded as one piece. The dimensions of the sink should be standard for Laboratories. The sink shall not have any sharp corners inside.</strong></td>
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<td><strong>Waste &amp; Bottle Trap : Polypropylene</strong></td>
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<td><strong>Should resistance to the general chemicals.</strong></td>
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<td>6</td>
<td><strong>Water fittings</strong></td>
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<td>7</td>
<td><strong>Laboratory Stool</strong></td>
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<td>8</td>
<td><strong>Laboratory Floor</strong></td>
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<tr>
<td>9</td>
<td>**Warranty and</td>
</tr>
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<td></td>
<td>maintenance**</td>
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<td>10</td>
<td><strong>Work Experience of the</strong></td>
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<tr>
<td>11</td>
<td><strong>Literature/References</strong></td>
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<td>to be provided**</td>
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Name: .................................................................................................................................................................

In the capacity of: ...................................................................................................................................................

Signed: .................................................................................................................................................................

Duly authorized to sign the Bid for and on behalf of: .............................................................................................

Date: .................................................................................................................................................................
ISOMETRIC VIEW

16-20mm THICK
PHENOLIC RESIN SHELF

ADJUSTABLE REGION
SHELVES

POWER SOCKET

16-20mm THICK OR ABOVE
PHENOLIC RESIN WORK TOP

1.8mm EPOXY POWDER
COATED STEEL

CENTER TABLE - LABORATORY FURNITURE
DEPARTMENT OF CHEMICAL PROCESS ENGINEERING
FACULTY OF ENGINEERING

WORKS DEPARTMENT
DESIGN AND ESTIMATE DIVISION
UNIVERSITY OF PERADENiya.

CERTIFIED BY:
(WORKS ENGINEER)

DATE: 2016/04/29

EDIT BY: Y.G.KASUN

CHECK BY: Eng.HEMALI

SCALE: NOT TO SCALE
ISOMETRIC VIEW

WALL STORAGE CUPBOARD - LABORATORY FURNITURE
DEPARTMENT OF CHEMICAL PROCESS ENGINEERING
FACULTY OF ENGINEERING

WORKS DEPARTMENT
DESIGN AND ESTIMATE DIVISION
UNIVERSITY OF PERADENiya

CERTIFIED BY:
(WORKS ENGINEER)
DATE: 2016/04/29
EDIT BY: Y.G.KASUN
CHECK BY: Eng. HEMALI
DWG NO: ENGRMED/FE/CHPE/04
SCALE: NOT TO SCALE
LOCKABLE DOOR
S/S HANDLE
EPOXY POWDER COATED STEEL SHEET

EPOXY POWDER COATED STEEL SHEET

MIDDLE SHELVES SHOULD BE ABLE TO REMOVED OR PUT IT BACK IF REQUIRED.

UNDER BENCH CUPBOARD - LABORATORY FURNITURE
DEPARTMENT OF CHEMICAL PROCESS ENGINEERING
FACULTY OF ENGINEERING

WORKS DEPARTMENT
DESIGN AND ESTIMATE DIVISION
UNIVERSITY OF PERADENIYA, PERADENIYA.

CERTIFIED BY:
(WORKS ENGINEER)

DATE: 2016/04/29
EDIT BY: Y.G.KASUN
CHECK BY: Eng. HEMALI
SCALE: NOT TO SCALE
ISOMETRIC VIEW

1.8mm EPOXY POWDER COATED STEEL

16-20mm THICK OR ABOVE PHENOLIC RESIN WORK TOP

HEAD TABLE - LABORATORY FURNITURE
DEPARTMENT OF CHEMICAL PROCESS ENGINEERING
FACULTY OF ENGINEERING

WORKS DEPARTMENT
DESIGN AND ESTIMATE DIVISION
UNIVERSITY OF PERADENiya

CERTIFIED BY:
(WORKS ENGINEER)

DATE: 2016/04/29

EDIT BY: Y.G.KASUN
CHECK BY: Eng.HEMALI

SCALE: NOT TO SCALE
### SCHEDULE OF REQUIREMENTS – LABORATORY REFURNISHMENT

**DEPARTMENT OF CHEMICAL AND PROCESS ENGINEERING**

**FACULTY OF ENGINEERING**

**UNIVERSITY OF PERADENIYA**

**NOTE:**
GIVING DOCUMENTARY EVIDENCE WITH THE REFERENCE PAGE NO. AS PER THE CLAUSE NO. 6 OF GENERAL TERMS AND CONDITIONS IS COMPULSORY.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>Conformity</th>
<th>Remarks</th>
<th>Reference page Nos. in documentary evidence</th>
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<tbody>
<tr>
<td></td>
<td><strong>CENTER TABLE</strong></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>1.1</td>
<td>Double side laboratory table with double side reagent shelves, 16-20mm thick Phenolic work top, Length 5400mm depth 1500 mm height 900mm (assembled by similar six units as per the drawing No. WD/DAED/FE/CJPE/01 and drawing No. WD/DAED/FE/CHPE/02)</td>
<td>03</td>
<td></td>
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<tr>
<td>1.2</td>
<td>Under bench drawer Cupboard 500mm, 4 drawers</td>
<td>06</td>
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<tr>
<td>1.3</td>
<td>Under bench Cupboard width 500mm, single door, 1 shelf</td>
<td>24</td>
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<tr>
<td>1.4</td>
<td>Power Sockets 230Vac, 50Hz, 13A</td>
<td>48</td>
<td></td>
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<tr>
<td></td>
<td><strong>WALL MOUNTED CUPBOARD</strong></td>
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<tr>
<td>1.5</td>
<td>Wall mounted Cabinet width 900mm, sliding glass door, 1 shelf</td>
<td>05</td>
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<td></td>
<td><strong>HEAD TABLE</strong></td>
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<tr>
<td>1.6</td>
<td>Single side Laboratory Table with 16-20mm thick Phenolic work top, Length 1800mm depth 750mm height 900mm</td>
<td>01</td>
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<tr>
<td>1.7</td>
<td>Under bench drawer Cupboard 500mm, 4 drawers</td>
<td>01</td>
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<tr>
<td>LABORATORY SINK WITH TAP AND WASTE</td>
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<tr>
<td>1.8 Sink and three way tap – 01 No.</td>
<td>10</td>
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<td>LABORATORY STOOLS</td>
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<tr>
<td>1.9 700MM HEIGHT, Seat 20-25mm matured Teak wood, diameter 12&quot;, foot ring</td>
<td>26</td>
<td></td>
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<tr>
<td>LABORATORY FLOOR</td>
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<tr>
<td>1.10 Flooring, Shelf leveling epoxy flooring 3mm or above 1120 sq.ft.</td>
<td>01</td>
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</tbody>
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Seal and the signature of the bidder
# PRICE SCHEDULE

<table>
<thead>
<tr>
<th>No.</th>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>UNIT PRICE</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1</td>
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<tr>
<td>Flooring, Shelf leveling epoxy flooring 3mm or above 1120 sq.ft.</td>
<td>01</td>
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</tbody>
</table>

TOTAL

Less ....................... % Discount (if any)

TOTAL after Discount

VAT

TOTAL with VAT

Total price with VAT in Words:

Signature of Bidder: .................................................. Date:
SPECIMEN FORM FOR PERFORMANCE SECURITY

------------------------------------------------ [Issuing Agency’s Name, and Address of Issuing Branch or Office] ------------------------------------------------
Beneficiary: -------------------------- [Name and Address of Employer] --------------------------
Date: -----------------------------

PERFORMANCE SECURITY No.: ----------------------------------------------

We have been informed that ---- [name of Contractor/Supplier] (hereinafter called “the Contractor” ) has entered into Contract No ---------------------- [reference number of the contract] dated -------- with you, for the ------- [insert “construction” / “Supply”] of ------------------ [name of contract and brief description of Works] (hereinafter called “the Contract”).

Furthermore, we understand that, according to the conditions of the Contract, a performance security is required.

At the request of the Contractor, we ------------------ [name of Agency] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ---------------------- [amount in figure] (---------------------- [amount in words], such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation(s) under the Contract, without your needing to prove or to show grounds for your demand or the sum specified herein.

This security shall expire, no later than the .......... day of ......., 20...... [insert date, 30 days beyond the scheduled contract completion date] and any demand for payment under it must be received by us at this office on or before that date.

..........................................................

[signature(s)]
SPECIMEN FORM OF BID SECURITY

[This Bank Security form shall be filled in accordance with the instructions indicated in brackets]

.........................................................................................................................

[insert issuing agency’s name, and address of issuing branch or office]

Beneficiary: ................................................................................................................

[insert (by PE) name and address of Employer/Purchaser]

Date: ........................................................... [insert (by issuing agency) date]

BID SECURITY NO.: ........................................................ [insert (by issuing agency) number]

We have been informed that ..................................................................................................

...............................................................................................................................

[insert (by issuing agency) name of the Bidder; if a joint venture, list complete legal names of partners] (hereinafter called “the Bidder”) has submitted to you its bid dated .......................

[insert (by issuing agency) date] (hereinafter called “the Bid”) for the execution/supply [select appropriately] of [insert name of Contract] under Invitation for Bids No. ................................................... [insert IFB number] (“the IFB”).

Furthermore, we understand that, according to your conditions, Bids must be supported by a Bid Security.

At the request of the Bidder, we .......................................................... [insert name of issuing agency] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ........................................................

...............................................................................................................................

[insert amount in figures] ........................................................

...............................................................................................................................

[insert amount in words] upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

has withdrawn its Bid during the period of bid validity specified; or

(b) does not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter “the ITB”) of the IFB; or

(c) having been notified of the acceptance of its Bid by the Employer/Purchaser during the period of bid validity, (i) fails or refuses to execute the Contract Form, if required, or (ii) fails or refuses to furnish the Performance Security, in accordance with the ITB.

This Security shall expire: (a) if the Bidder is the successful bidder, upon our receipt of copies of the Contract signed by the Bidder and of the Performance Security issued to you by the Bidder; or (b) if the Bidder is not the successful bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder that the Bidder was unsuccessful, otherwise it will remain in force up to ......................... (insert date)

Consequently, any demand for payment under this Guarantee must be received by us at the office on or before that date. ..........................................................

...............................................................................................................................

[signature(s) of authorized representative(s)]