

TENDER DOCUMENTS
FOR PURCHASE OF LABORATORY EQUIPMENTS AND MISCELLANEOUS
LABORATORY ITEMS
TENDER NOTICE 02/FY 2022-23

DIRECTORATE OF DESIGN & CONSULTANCY
ENGINEER IN CHIEF's BRANCH
GHQ RAWALPINDI

Organization Name	DIRECTORATE OF DESIGN & CONSULTANCY ENGINEER IN CHIEF's BRANCH GHQ RAWALPINDI.
Address	President Local Purchase Committee, DD&C E in C's Branch GHQ
City	Rawalpindi
Tel No.	051 9271269
Fax No.	051 9271256
Receipt No	-
Tender No	02/FY 2022-23
Description	Lab Equipment / Misc Lab Equipment
Remarks	For detail please see attached file
Advertisement Date	19 Jan 2023
Closing Date	08 Feb 2023
Closing Time	1100 hours 08 Feb 2023
Opening Time	1200 hours 08 Feb 2023
Tender Nature	National
Bid Validity	Till 30 Jun 2023
Bidding/Tender Document Cost	Free download from MES web site (www.mes.gov.pk) or can be obtained from DD&C E in C's Branch GHQ Rawalpindi
Remarks	For detail please see attached tender Document

TENDER NOTICE-02/2022-23
TENDER DOCUMENTS
ENGINEER IN CHIEF BRANCH
GHQ RAWALPINDI

GENERAL TERMS AND CONDITIONS

1. The tender document can be obtained from DD&C E-in-C's Branch or can be downloaded from the MES web site.
2. The bids shall be submitted in a sealed package that the contents are fully enclosed and cannot be known until duly opened.
3. Single stage – two envelope procedure will be followed.
 - a. The bid shall comprise a single package containing two separate envelopes. Each envelope shall separately contain the financial proposal and the technical proposal.
 - b. The envelopes shall be marked as “Financial Proposal” and “Technical Proposal” in bold and legible letters to avoid confusion.
 - c. Initially only the envelope marked “Technical Proposal” shall be opened.
 - d. E-in-C's Branch will evaluate the technical proposal as per **Annexure-C** attached with this document, without reference to the price and reject any proposal which does not conform to the specified requirements.
 - e. During the technical evaluation no amendments in the technical proposal shall be permitted.
 - f. Financial Proposal will be opened for technically qualified bids on the same date.
4. The bid should be addressed to **President Local Purchase Committee, DD&C, E-in-C's Branch GHQ Rawalpindi**. The sealed bid must reach the President LPC before / on 1100 hours on 08 Feb 2023. Technical bid will be opened at 1200 hours on 08 Feb 2023, followed by financial bid. No bid will be accepted after the given time at the given place.
5. The bid must be unconditional and complete in all respects and be submitted in a file/folder/bound form with all the sheets/ documents secured properly. Bid not fulfilling the conditions will be rejected.
6. All items should be quoted as per format (attached as **Annexure-A**).
7. All quoted prices will be firm, final and in Pak Rupees.
8. No bidder will be allowed to alter or modify his bid after the bids have been opened. However E-in-C's Branch may seek and accept clarification to the bid that does not change the substance of bid.

9. The quoted prices should be inclusive of INCOME TAX, GST & all Govt taxes, where applicable. The lowest evaluated bid will be considered for each category / item separately. Income Tax will be deducted from the payment of the contractor as per prescribed rule.
10. There should be no cutting, crossing, rubbing or overwriting in the quotation.
11. The validity period of quotations must be indicated and should valid till **30 Jun 2023**.
12. Samples of the quoted items are required to be produced on demand.
13. Rates of all items listed in the documents must be quoted.
14. The bidder should indicate the warranty period of all the items (warranty must be at least one year).
15. Technical specifications/ performance characteristics and guarantee/ warranty of all items will be listed and Brochures/ Leaflets describing the equipment will also be provided along with the bidding documents.
16. Unit price for all Items must be mentioned in the bid in accordance with the specifications attached with this document. Any variations to this must be reflected and underlined for ease in scrutiny. Any query regarding any item specification should be clarified from the authority before signing the agreement.
17. E-in-C's Branch reserves the right to increase or decrease the quantities or totally drop certain items and award tender in full, in parts or in sections.
18. E-in-C's Branch may reject all bids or proposals at any time prior to the acceptance of a bid proposal.
19. The bidder with the lowest evaluated bid, if not in conflict with any other law, rules, regulation or policy of the Federal Government, will be awarded the procurement contract, within or extended period of bid validity.
20. Tendering firms will be required to provide the samples of selected items, which will be approved by the user prior to award of tenders.
21. E-in-C's Branch will neither issue any letter for clearance of items being tendered nor will be responsible for their clearance in any way whatsoever. Delivery of items will be solely contractor's responsibility.
22. No payment will be made in advance. All the payments will be made after users' acceptance certificate/ issue of Certified Receipt Voucher (CRV).
23. Following information must be included about the firms participating in tender:-
 - a. Authorized dealership.

- b. National Tax No.
- c. GST Registration No.
- d. Complete Postal Address.
- e. Telephone, Fax, E-Mail and web address if available.
- f. Company profile/references in Pakistan (relevant to this offer only).

24. Schedule For Submission and Tender Opening

- a. Issue of Tender documents: Can be downloaded Free of cost from MES web site (www.mes.gov.pk) or can be obtained from DD&C, E-in-C's Branch GHQ Rawalpindi.
- b. Date/Time of submission: **Till 1100 Hours on 08 Feb 2023**
- c. Opening of Tender : **At 1200 Hours on 08 Feb 2023**

25. Tender format is attached as **Annexure-A** and equipment specifications are attached as **Annexure-B**. Quotations for each category should be provided separately with in single technical bid.

26. Submitted tenders will be evaluated as per evaluation criteria attached as **Annexure-C**.

27. Check list has been attached as **Annexure-D**.

28. A subtotal of every section bid should be indicated beneath every section. The bids will be evaluated for each category separately.

29. In case of any conflict/ ambiguity PPRA Procurement Code will prevail.

30. Efforts will be made to mutually settle any ambiguity or dispute between contractor and E-in-C's Branch with mutual consent, however final decision will lie with E-in-C.

31. Procuring agency have the right to blacklist the firm in case of fake information or late delivery.

President Local Purchase Committee
Directorate of Design and Consultancy
Engineer in Chief's Branch
GHQ Rawalpindi
Phone: 051-9271269
Fax: 051-9271256

FORMAT FOR TENDERING

S/N	Items	Qty	Unit Price	GST	Total Price
1					
2					
3					
	Grand Total Rs.				

SPECIFICATIONS
TENDER NOTICE 02/FY2022-23

Ser	Eqpt	Specifications
Major Laboratory machines		
1	Flexural Strength Machine (Digital with Complete Assembly)	<ul style="list-style-type: none"> • Max capacity 300 KN • Automatic power pack • Piston travel 130 mm • 220-240V
2	Compressive Strength Machine 2000 KN	<ul style="list-style-type: none"> • Automatic application of selected load rate • Peak detection & saving • Piston travel limit 50mm • Internal permanent memory • RS 232 port for data download to PC in ASCII format • Automatic application of the selected load rate
3	Direct Shear Test Machine	<ul style="list-style-type: none"> • Fully automatic • Infinitely variable speed drive from 0.00001-10mm/min • 25 x 0.001mm linear potentiometric displacement transducer for horizontal displacement • 10 x 0.001mm linear potentiometric displacement transducer for vertical displacement • Complete with software, shear box assembly, slotted weight set, specimen cutter and extrusion dolly
4	Unconfined Compression Test Machine	<ul style="list-style-type: none"> • Loading capacity 50 KN • Default platen rate 0.5mm/min to 1mm/min • LCD control unit • 220-240 V
5	Marshal Mixture Machine (mixing of asphalt mixes)	<ul style="list-style-type: none"> • Whisk speed 12-149 RPM • Bowl capacity 5 liters • Automatic temperature control • Max Temperature up to 200°C
6	Automatic Marshall Compactor	<ul style="list-style-type: none"> • Mechanical compactor with digital readout • Hammer for 4" and 6" dia mould • Blow frequency 50 blows in 55/60 secs
7	Bitumen Extractor	<ul style="list-style-type: none"> • 3000g capacity digital centrifuge extractor • Electric brake and hand brake system for emergency • Electronic control and digital display

Ser	Eqpt	Specifications
8	Concrete Mixer Machine	<ul style="list-style-type: none"> • Drum type • 210 liters capacity • 220-240 V • 500 Watt motor
Miscellaneous Laboratory Apparatuses and Equipment		
9	Flash & Fire Point Test Apparatus	<ul style="list-style-type: none"> • Digital apparatus with test cup and motorized flame device
10	Softening Point Test Apparatus	<ul style="list-style-type: none"> • Ring and ball apparatus • Digital display of temperature and time
11	Specific gravity Apparatus	<ul style="list-style-type: none"> • Specific Gravity of Aggregate • Frame for buoyance apparatus • Density tank • Density basket
12	Cassagrande Liquid Limit device	<ul style="list-style-type: none"> • Removable brass cup • Adjustable crank Mechanism with counter
13	Ductility of Bitumen	<ul style="list-style-type: none"> • 3 tension line (briquette capacity) • 50mm/min test speed • 220-240 V
14	Specific Gravity for Marshal Mix	<ul style="list-style-type: none"> • Pycnometer with 1000ml capacity • Vibro-deaerator • Complete with vacuum pump and other accessories
15	Water Bath	<ul style="list-style-type: none"> • Digital circulating water bath • 56 liters capacity • Auto temp maintain • 220-240 V
16	Digital Balance 60 kg	<ul style="list-style-type: none"> • Resolution 1gm • Complete with traceable calibration certificate • 110-230 V
17	Digital Balance 6kg	<ul style="list-style-type: none"> • Resolution 0.1gm • 110-230 V
18	Field CBR Apparatus	<ul style="list-style-type: none"> • 50KN capacity • 4.5 kg and 9 kg slotted surcharge weight • 4.5 kg annular surcharge weight
19	Field Vane shear Tester	<ul style="list-style-type: none"> • Range 0-24 N/cm² (0-240 Kpa) • Three interchangeable vanes and extension rod

Ser	Eqpt	Specifications
20	Speedy Moisture Tester	<ul style="list-style-type: none"> • Long bottle version with analogue manometer • 20 g capacity • 0-20% humidity measuring range
21	Dynamic Cone Penetrometer (complete Set)	<ul style="list-style-type: none"> • 8 kg dropping weight with 575 mm drop
22	Sand Cone Apparatus (6in dia)	<ul style="list-style-type: none"> • Metal Base plate and Plastic Sand Jars • Calibrating container 165 mm internal diameter and 187 mm deep
23	SPT Set with all accessories	<ul style="list-style-type: none"> • 10 x Drilling rods of 5 feet • Manila rope, 50 feet length • Tripod • Crowbar, lifting hook and chain block • Stainless steel split barrel sampler
24	Shelby tubes 36mm	<ul style="list-style-type: none"> • 36mm dia and 150mm long stainless steel
25	Shrinkage Limit Kit	<ul style="list-style-type: none"> • Shrinkage Dish, 45mm x 12.5mm • Crystallizing Dish 57mm x 31mm
26	Electric Core Cutter Machine	<ul style="list-style-type: none"> • Motor capacity min 3500 Watt • 360 degree rotation
27	Core catcher (For core extraction)	<ul style="list-style-type: none"> • For extraction of cores
28	Digital Balance 15 Kg	<ul style="list-style-type: none"> • Mains and rechargeable battery operated • Traceable calibration certificate
29	Sieve Set (8in)	<ul style="list-style-type: none"> • stainless steel frame and mesh
30	Sieve Set (12in)	<ul style="list-style-type: none"> • stainless steel frame and mesh
31	Jack Hammer	<ul style="list-style-type: none"> • Concrete Members Demolition
32	Manual Earth Auger - Sand	<ul style="list-style-type: none"> • With extension rod 1m long and T handle • With complete set (extension rods)
33	Manual Earth Auger - Clay	<ul style="list-style-type: none"> • With extension rod 1m long and T handle • With complete set (extension rods)
34	Small Drone	<ul style="list-style-type: none"> • Max flight time 30min • Max height above sea level 5000m • Max travel distance 5km

Ser	Eqpt	Specifications
		<ul style="list-style-type: none"> • Wind resistance 8-10m/s • Operating temperature -10°C to 40°C
35	Safety goggles	<ul style="list-style-type: none"> • Shatter resistant polycarbonate lenses
36	Gloves	<ul style="list-style-type: none"> • Asbestos
37	Safety Footwear	<ul style="list-style-type: none"> • Rubber Boots
38	Apron	<ul style="list-style-type: none"> • PVC coated fabric
39	Noise Reducer (Earmuffs)	<ul style="list-style-type: none"> • Light weight, foam filled ear cushions
40	Mask	<ul style="list-style-type: none"> • Dust mask
41	Pick Axe	
42	Shovel	
43	First Aid Box	With appropriate accessories
44	Wooden Box	Size: <ul style="list-style-type: none"> • 3ft x 2ft x 2ft • 5.5ft x 2ft x 1.5ft • 3ft x 3ft x 2.5ft

Technical Evaluation Performa
For
Geotech Lab Equipment and Lab Misc Equipment

Technical Evaluation Proposal	100%
Part A: Mandatory	25%
Part B: General Evaluation	75%

Part A Mandatory Requirement (25%)				
1.	Firm is registered in Income tax and sales tax department and will produce Sales Tax and Income Tax Registration certificate. (5)			
2.	Firm has to produce Authorization dealer/ OEM certificate of the principle/manufacturer for Pakistan. (5)			
3.	The bidders must have office in Pakistan (5)			
4.	Financial strength verified through a bank certificate (5)			
5.	The firm should not be black listed by any government organization.(5)			
Part B General Evaluation				
Corporate Profile				
Ser	Attributes	Max. Score	Weightage	Criteria
1.	Offices in Rawalpindi/Islamabad	5	5	Firm has its Office in the Islamabad/ Rawalpindi.
2.	Authorized Dealer	10	10	Principle directly participating in the bid.
			5	Firm has produce Authorization dealership certificate of the principle/ manufacturer for Pakistan.
3.	Details of Repair and Maintenance Facilities	5	5	Firm has a repair and maintenance/ support facility in Islamabad/ Rawalpindi.
			2	Firm has repair and maintenance facility in other city.
4.	Spare Parts Availability	5	5	Firm will supply Spare Parts within 3 days.
			3	Firm will supply Spare Parts within 7 days.
			1	Firm will supply Spare Parts within 15 days.
5.	Delivery Duration	5	5	Delivery within 15 days
			2	Delivery within 1 month.
6.	Financial Strength verified through a Bank Certificate	5	5	Firm has more than Rs. 20 Million annual Turnover for last one (01) year.
			3	Firm has between Rs. 15 Million to Rs. 20 Million annual Turnover for last one (01) year.
			2	Firm has Rs. 10 Million Turnover for last one (01) year.
7.	Similar Projects Completed (Documentary proof and references are required)	5	5	Firm has completed more than or equal to twenty (20) similar projects.
			3	Firm has completed ten (10) to nineteen (19) similar projects.
			2	Firm has completed five (05) to nine (09) similar projects.
8.	Manufacture/ brand life	5	5	Marks will be given as per their experience. One mark per year.
9.	Branded Equipment; (Controls, Matest etc)	10	10	As per evaluation by technical committee

10.	Quoted Product Compliance to international standards	5	5	No. of standards of product of Bid in consideration / Maximum No. of standards amongst all the Bids
11.	Specification Compliance	5	5	To be assigned by the Technical Evolution Committee
12.	Quoted Product extra features bundled other than required in tender specifications (Equipment software, memory cards, Flash Drive etc).	5	5	No. of extra features of product of Bid in consideration / Maximum. It will be decided by technical evaluation Committee
13.	Technical Bid Completeness (documentary proof, brochures, diagrams etc)	5	5	To be assigned by Technical Evaluation Committee
Sub Total		75		

Note:

1. Financial proposal of the bidder who has secured minimum 60% from technical weightage will be opened.
2. During the warranty period, all charges related to repair and maintenance will be borne by the firm irrespective of where the repair takes place.
3. Delivery time to be indicated in the quoted bid.
4. Equipment set up and calibration to be included in the quoted bid.

(To be Printed and Typed on Company's Letter Head)**Undertaking Checklist – Mandatory**

S/No	Required Documents	Attached? [x] [/]	Placed At
1.	Bid is valid till 30 Jun 2023		
2.	Official Bank Account number		
3.	Copy of NTN certificate		
4.	Copy of Sales tax registration certificate		
5.	Affidavit regarding firm is not black listed		
6.	Detail of Annual Tax Return for last 01 year		
7.	Active Tax Payer List Certificate		
8.	Copy of Professional Tax Certificate		
9.	Bank Statement for last 01 year		

Company Full Address: _____

Contact Person: _____

Cell #: _____

Signature: _____

Name: _____

Designation: _____

Date: _____

(Company Seal)