



SURVEY OF PAKISTAN
Rawalpindi

INVITATION TO BID
(Procurement of DPWS and Software)

Survey of Pakistan, a National Surveying & Mapping Agency invites sealed bids under” under Single Stage-Two Envelop procedure (PPRA Rule 36 (b) from the Original manufacturers / authorized distributors / suppliers/ service providers etc., registered with Income Tax & Sales Tax Departments for supply of following items/services.

Sr.	Equipment/ services	Quantity	Closing Date
1	Software for data development using Photogrammetric Method including Workstation	WorkStation=05 Software= as per Tender Documents	20-12-2023

- 1) Bidding documents, containing detailed terms and conditions, technical specifications, method of procurement, procedure for submission of bids, bid security, bid validity, opening of bid, evaluation criteria, clarification/rejection of bids, performance guarantee etc., are available for the interested bidders at website of Public Procurement Regulatory Authority and Survey of Pakistan website www.sop.gov.pk which can be downloaded
- 2) The bids, prepared in accordance with the instructions in the bidding documents, must reach to **Chairman Purchase Committee (CPC)** duly on or before **20-12-2023 at 11:00 hrs.** Bids will be opened on the same day at **11:30 hrs.**

(Nadeem Ahmad Ch)
Deputy Surveyor General
Chairman Purchase Committee
051-9290202

TERMS & CONDITIONS

1. Applications on prescribed form (attached) along with bidding document & Technical specifications (compliance sheet) and draft contract, can be downloaded from the website of PPRA, and also from survey of Pakistan (www.sop.gov.pk).
2. The bids duly completed in all respect should reach **at Chairman Purchase Committee (CPC) Survey of Pakistan Faizabad Rawalpindi** duly addressed to the CPC on or before **-12-2023 at 1100 hrs.** There will be **No time relaxation for postage/delivery of bid.** These bids will be opened at **1130 hours on the same day** in the presence of bidders or their authorized representatives.
3. The manufacturing/ assembling/ import (either in full or partly) of above equipment/ software shall not be of country that is banned/ declared illegible for any trade by the Government of Pakistan.
4. The method of procurement is **single stage – two envelopes** as per PPRA’s Rule-36(b) as explained below.
 - a) The Bidders will send their Proposals in two sealed envelopes, marked as “FINANCIAL PROPOSAL” & “TECHNICAL PROPOSAL” in bold and legible letters to avoid confusion.
 - b) Initially, only envelopes marked as **Technical Proposal** shall be opened and envelopes marked as Financial Proposal shall be retained in the custody of Chairman Purchase Committee.
 - c) After the **evaluation & recommendations by the concerned Technical Evaluation Committee**, Financial Proposals of only technically qualified bids will be opened.
 - d) The Financial Proposals of bids found technically non-responsive shall be returned un-opened to the respective bidders.
5. The earnest money (4% of cost) in shape of pay order/bank draft in the name of Chairman Purchase Committee (CPC), Survey of Pakistan Faizabad, Rawalpindi should be enclosed in the envelope containing Financial Bid. However, the certificate for attachment be indicated in technical bid, otherwise, the same will be rejected at the opening stage of technical bids.
6. Bidder will provide compliance sheet of each item of the equipment against specifications. Bidder response should be explicit for each component.
7. Any ambiguous and implicit words in quotations (such as yes, ok, offered, available, provided, complied etc.) will be treated as ‘non-responsive’ and bid will be rejected at initial stage.
8. Bid will be rejected if bidder fails to submit any document after due date except in response to any clarification sought by Project Director in accordance with PPRA 31.
9. Procuring agency may reject any or all bids subject observing the relevant provisions of PPRA Rules-33
10. Quantity of items can be increased or decreased in accordance to relevant PPRA Rules/ guidelines prevailing at closing date of the bid.
11. Only eligible/ registered suppliers who are on Active Tax Payers List (ATL) of FBR are eligible to supply goods/ items. The supplier should attach a proof that he is on ATL of FBR Data Base.
12. In Financial Proposal, the prices should be in Pak Rupees inclusive of all levy able taxes. The bidders should also provide the detail price analysis of the items/accessories in their Financial Proposal along with net quoted unit rate with GST and without GST showing

- complete pen picture of their quoted prices. Prices should be mentioned both in words & figures. In case of difference the amount given in words will be accepted.
13. Bids will be valid for 180 days from the date of opening of bid.
 14. Display of the items/equipment & Software must be in English Version.
 15. The bidders have to give demo (s) of their quoted equipment, **if required/ determined** by the Evaluation Committee. The bidder declared qualified after demo (**if required**) shall be considered technically qualified. The decision of Technical Committee will be final.
 16. Successful bidder(s) will be required to execute agreement governing the terms & conditions of the contract.
 17. The successful bidder shall be liable to give at least one month training of their approved equipment.
 18. **Liquidation Damages:** The firm has to pay liquidation damages for the period of delays in supply of deliverables upto rate of 2% of the contract price per month or part of a month exceeding the original/extended delivery period subject to the provision that total liquidation damages thus levied will not exceed 10% of the total contract price.
 19. **Performance Guarantee:** The bidder shall provide to Survey of Pakistan (SoP), a Performance Guarantee issued by A-Plus Pakistani Scheduled Bank, having a value of 5% of the contract price and which is valid minimum for 24 months or beyond the expected date of delivery of the items/equipment.
 - a. Bank Guarantee furnished against this contract is un-conditional. Firm will undertake not to hinder/restrain its encashment through court, extra judicial or any other way(including administrative process)
 - b. SoP shall confirm the authenticity / genuine of the Bank Guarantee from the concerned Bank.
 - c. Performance Guarantee shall be submitted just after successful submission of deliverables and after obtaining
 - d. Acceptance of LOI from SoP. 5% performance guarantee will remain held with SoP and be released on expiry of Support/ warranty Period duly certified by concerned TEC.
 - e. If the firm fails to produce the Bank Guarantee within 07 days, SoP reserves the right of cancelling the contract at the risk and expense of the firm. In the event of un-satisfactory performance or of any breach of terms of the contract, the bank guarantee shall be forfeited to the govt at the discretion of the firm.
 20. **Confidentiality:** The firm shall not, during the process of execution or after expiration of this contract, disclose any proprietary or data without the prior written consent of SoP.
 21. The bidder shall be responsible for provision of all accessories of original brand to make the items operational.
 22. Every page of the original proposal documents should be signed and stamped by the bidder and proposal to be submitted in binded form otherwise bid will not be accepted.
 23. Bidder(s) shall provide soft copy of compliance sheet and major supported documents to be used
 24. For purpose of evaluation, any firm, furnishes wrong information or proven wrong at any stage will be liable for legal proceeding. Any contract awarded in such case when find out, will be cancelled.
 25. The bidder/lead should not be blacklisted by any of its clients. An affidavit to this affect must be submitted by the bidder.
 27. **Litigation:** In case any dispute, the matter will be referred to Grievance Redressal Committee of the department constituted in accordance to PPRA Rules. The party

aggrieved of the decision the committee can refer case to only court of law with jurisdiction at Rawalpindi to decide the matter.

28. For more information, please contact Mr. Muhammad Arshad Iqbal, Director Photogrammetry & Remote Sensing at telephone/ Fax No. 051-9290212.

EVALUATION CRITERIA

1. Technical Evaluation:

- a. Technical Evaluation Reports of the Technical Proposals will be made as per tender specifications without the reference to the price as per PPRA Rule 36 (b)(v). The Technical proposal evaluation committee will evaluate the technical proposals and qualifications based on defined criteria (Annex A & B)
- b. The bidder obtaining 80% or more marks will be technically qualified.

2. Evaluation of Financial Proposals / Bids

- a. Only the Financial Proposals of those bidders will be opened publically who's Technical Proposals and qualifications have been recommended by the Technical Evaluation Committee of the department as per PPRA Rule. For financial evaluation, the total cost including all items & taxes indicated in the Financial Proposal will be considered.
- b. The Purchase Committee will determine whether the Financial Proposals are complete. The cost indicated in the Financial Proposal shall be deemed as final and reflecting the total cost of the equipment. Omissions, if any, in costing any item shall not entitle the firm to be compensated and the liability to fulfill its obligations within the total quoted price shall be that of the Vendor. The lowest Financial Proposal will be considered as the most advantageous bid.

RESPONSIBILITY AGAINST DAMAGES/OWNERSHIP OF EQUIPMENT

The bidder shall be responsible for whole/any damage caused to the item(s)/ equipment by accident / improper handling / loading, un-loading, before handed over to / taking charge by SoP. The bidder shall replace the same.

PAYMENT:

- i. Payment shall not be made in accordance to the schedule agreed upon within the contract.
- ii. The bidder shall provide necessary and supporting documents along with invoice.
- iii. The bidder shall submit an application for payment to the DDO, Surveyor General Office, Survey of Pakistan Rawalpindi. The application shall be accompanied by such invoices, receipt or other documentary evidences as require, state the amount claimed and particulars of items supplied/equipment up to the date of application for payment.
- iv. SoP shall get verified the details of items delivered. Payment shall be made in accordance to the payment schedule agreed upon in the contract document and on delivery of items/services after issuance of satisfactory certificate by concerned technical committee/Project Director. Technical Inspection of items will be made in the presence of bidder or his authorized representative.

- v. SoP shall make payment for items supplied/services provided to the bidder as per Govt. policy in Pak Rupees through crossed Cheque after deduction of all levied taxes by the government at the time of payment.
- vi. All payment shall be subject to any and all taxes, duties and levies applicable under the laws of Pakistan for the whole period starting from issuance of Supply Order till release of the payment.

SUPPLY PERIOD:

- i. The firm will provide items within a period of two months of the tender.
- ii. The most advantageous bidding firm/vendor shall be responsible to deliver goods/services within due time as given in Supply Order/Tender document.

AGREEMENT DEED

After receiving work order/supply order the firm has to sign a formal agreement deed on a stamp paper of appropriate value as per attached sample.

**SAMPLE
CONTRACT AGREEMENT**

Government of Pakistan

(Ministry Of Defence)

SURVEY OF PAKISTAN

Directorate of Photogrammetry & RS

Rawalpindi

Contract No. / ()/St, dated: --2023

Refers: Supplier's Tender No.

An agreement made the -----day of -----two hundred twenty two between the President of Pakistan (herein after called the "PURCHASER" on the one part and M/s. -----, "SUPPLIER" on the other part.

Whereby it is agreed that the Purchaser shall purchase and the Supplier shall sell the stores as described in the schedule given hereunder at the price mentioned therein already transmitted through letter of intent subject to the special conditions as follow:

SUPPLY SCHEDULE

Description of Stores	Qty/ (Units)	Bill in name of	Unit rate (Rs.)	Total Cost (Rs.)	Delivery Date
		CPC, Surveyor General Office Survey of Pakistan Rawalpindi			On or Before-----
Total:					

WARNING: Any information about the sale/purchase of the stores under this contract shall not be communicated to any person, other than the manufacturer of the stores or to any press or agency not authorized by the Surveyor General of Pakistan/Ministry of Defence to receive it. The breach of the undertaking shall be punishable under the Official Secrets Act, 19

CONTRACT CONDITIONS/CLAUSES:

Sr. #	Equipment/ services	Quantity
1.	Name of Consignee	Chairman Purchase Committee, Survey Pakistan. Rawalpindi
2.	Cost debitable to head	Physical Assets-
3.	Supplier's Name and address	
4.	Supplier NTN. No.	
5	Supplier Sales Tax Reg. No.	
6	Date of delivery	
7	Makers Name & Brand	
8	Dispatch instruction	The stores will be dispatched to the consignee under firm's own arrangements. No part supply will be allowed in any case.
9	Packing & Marking Instructions	Each item will be packed/marked as per relevant paper's particulars governing the supply of store/standard/trade marking worthy of transportation by Rail/Road/Air within Pakistan so as to ensure their safe arrival at ultimate destination without any loss or damages
10	Inspection	<p>a). Inspection Authority: Technical Evaluation Committees (TECs)</p> <p>b) Inspection Officer: Chairman Technical Evaluation Committees</p> <p>c) Place of Inspection: Consignee's Premises</p> <p>d) The Inspecting Officer will be informed 02 working days in advance about the time for inspection</p>
11)	Checking of Stores at Consignee's End:	All stores will be checked at consignee's premises in the presence of supplier's representatives. If, for the reasons of economy or other the supplier decides not to nominate his representative for such checking, then advance written notice to this effect will be given by the supplier to the Chairman Technical Committee, Survey of Pakistan Rawalpindi under intimation to CPC prior to or immediately on delivering stores. In such an event, the supplier will clearly under take the decision of consignee with regard to quantities and description of a consignment, which will be taken as final and if any discrepancy found will according be made up by the supplier.

12). **Terms of Payment:**

- a) Payment (as per contract document) of value of the stores supplied will be paid to M/s. -----through Cheque by submission of bills duly supported by the **NOC** from concerned **TEC**
- b) Bill will be furnished to the Project Director, SoP, Rawalpindi, which will subsequently be submitted to AGPR, Islamabad by the consignee.

13). **Taxes & Duties:**

- a) **Duties & Taxes Applicable:** The prices quoted are inclusive of all kinds of duties and taxes. The purchaser shall not be liable for reimbursement of duties and taxes on the contracted goods other than those given in the quoted rates. The payment of element of taxes and duties, which are included in quoted rates, will be made to the supplier only after production of duly authenticated documentary proof of its payment to the respective department. In case fresh taxes and duties are levied by the government after opening of the tender will signing of the contract and during the currency of the contract (i.e. within the original delivery period) or if the existing rates of taxes are increased after opening of the tender and during the currency of the contract, liability shall be of the purchaser and the same shall be reimbursed by the AGPR, Islamabad to the supplier at actual, on production of documentary proof of his payment duly authenticated. In case of any subsequent decrease in existing or future duty or taxes by the Govt. after opening of tender and during the currency of the contract the liability shall be of the supplier and the supplier shall reimburse the same to AGPR, Islamabad under intimation to purchaser.
- b) For release of payment, the supplier would be required to furnish the following documents to **CPC, Survey of Pakistan, Rawalpindi**.

- i. Proof of registration with Sales Tax Department (Copy of registration certificate)
- ii. Sales Tax Invoice in original showing description /quantity / value of goods and current amount of Sales Tax levy able thereon.

14). **Bank Guarantee Clause:**

- a). To ensure timely and correct supply of stores and smooth execution of warrantee conditions the firm will furnish a bank guarantee/draft from a schedule bank for an amount of 5% of the total value of the contracted stores amounting to **Rs. -----** to **CPC**. After completion of warrantee period i.e. from the date of signing of **NOC** by **PC** the supplier will request the **CPC**, for the withdrawal of bank guarantee/draft. The bank draft will be encased/deposited in SoP's bank account. The bank draft shall be produced by the supplier within 07 days from the date of issue of letter of intent/signing of contract deed and shall remain in force till completion of the warrantee period beyond the date of inspection
- b) If the supplier fails to produce the bank guarantee/draft within the specified period, the **CPC** reserves the right of canceling the contract at the risk and expense of the supplier. In the event of un-satisfactory performance or of any breach of terms of the contract, the bank guarantee/draft shall be forfeited to the government at the discretion of the purchaser. On satisfactory performance of the contract the bank guarantee/draft will be returned to the supplier by **CPC**, on receipt of clearance from the Consignee.

- c) Bank guarantee/draft furnished against this contract is un-conditional and en-cashable at will of purchaser. Supplier undertakes not to hinder/ restrain its encashment through court, extra judicial or any other way (including administrative process).

15) Supplier Warranty/Guarantee:

- a) The supplier shall furnish warranty for the stores under supply against defects in material workmanship, and satisfactory performance for one-year free service and additional 02 year(s) with parts and one-year free service. The stores will be of the high-test grade and consistent with general expectable standard for the stores of type ordered in full conformity with governing specifications and performance of stores with the liability of replacing defective/unacceptable part free of cost within **07 days** by the supplier on receiving the discrepancy report, failing which the purchaser shall have the right to purchase the stores (against the stores declared defective) at the suppliers risk and expense. The supplier also undertakes to make good the deficiency in supply, if any.
- b) Supplier's warranty shall be provided to the consignee along with the store.

16) Inspection after Expiry of Delivery Period: Unless informed and directed to the contrary during the currency of the contract, the Inspection Officer will continue the inspection of the stores at firm's risk even after expiry of delivery period. Such acceptance will not prejudice the purchaser's right to cancel the contract or to extend the delivery period with or without liquidated damages.

17) Failure and Termination: Should the supplier fail to deliver the stores within stipulated period of supply, on the expiry; the purchaser shall be entitled at his option to take either of the following actions:

- a) To cancel the contract or purchase from elsewhere the stores not delivered, at risk and expense of the supplier and without notice to him. The supplier shall also be liable to any loss which purchaser sustains on this account but shall not be entitled to any gain of repurchase.
- b) To make the supplier pay liquidation damages for the period of delays in supply up to the rate of **2%** of the contract value un-supplied stores per month or part of a month for the period exceeding the original delivery period subject to the provision that total liquidation damages thus levied will not exceed **10%** of the total contract value.
- c) If contract of the firm is cancelled at 'Risk and Expense' then the latest equivalent of their cancelled stores will be purchased at 'Risk and Expense' of the concerned firm if the cancelled type/category is not available in the market. Similarly, an item of contract on FOR (indigenous) basis may be produced at risk and expenses of the firm on FOR (Imported) basis and vice-versa in the interest of the state.

18). Force Majeure: Force Majeure shall mean any event, act or other circumstances, not being an event, act or circumstance, under the control of the purchaser or of the supplier. Non-availability of raw material from the manufacturer of stores, or of export permit for the export of the contracted stores from the country of its origin, shall not constitute Force Majeure.

19). **Special Instructions:**

Warranty/Guarantee:

- a) The supplier has to provide warranty/guarantee of the stores supplied for a period of 01-year standard warranty including repair, servicing and replacement of parts from the date of issuance of NOC by the **CPC** The supplier shall replace the defective stores free of cost. Warranty/Guarantee Certificate with regards to all items being supplied would be provided to the consignee along-with the stores.
- b) Trade mark of all items should be quoted clearly. On receipt, if any stores are found to be otherwise it will be changed/ replaced free of cost.
- c) The Supplier will be strictly bound to supply the contracted stores as per tendered specifications, and fulfill all responsibilities in this regard.

20). **Litigation:** In case of any dispute, only court of jurisdiction at Rawalpindi/ Islamabad shall have the jurisdiction to decide the matter.

Signatures

Purchaser

Suppliers

Designation.	Chairman Purchase Committee	
Name		
Signature & Seal		
For and on behalf of the President of Islamic Republic of Pakistan.		

PRESCRIBED APPLICATION FORM FOR TENDERING OF PROCUREMENT OF EQUIPMENT

(To be printed on firm/supplier's letter head duly signed by the authorized representative)
The Chairman Purchase Committee,
Cadastral Mapping Project,
Survey of Pakistan,
Rawalpindi.

In response to press advertisement dated: - -2022 appeared in the daily we M/s..... have downloaded Tender Documents consisting of Contract Proforma for Tendering under Purchase of stores including the detail and specifications from PPRA's website/ web site of Survey of Pakistan.

We have gone through all the terms and conditions contained in above mentioned documents and those, which are the part of tender.

We fully agree to abide by the terms and conditions contained in the said documents and therefore hereby submit Technical as well as Financial Proposals for the following:

**AUTHORISED SIGNATURE
NAME & SEAL OF FIRM/SUPPLIER**

Technical Specifications

for

Procurement Digital Photogrammetric Workstation

By

Survey of Pakistan

Directorate of Photogrammetry & Remote Sensing

----- November, 2023

Purpose and Scope of the Document

This document is part of the Tender document for **Procurement of Digital Photogrammetric Workstation and software for development of geospatial data using photogrammetric method** through competitive bidding procedure. The purpose of this document is to provide bidders with detailed information on technical requirements and specifications for the equipment and Software.

Bidders response to requirements

The document enlists all requirements in left columns. The bidder shall provide his consent in the rightmost column. The response should be explicit in well-defined specification offered for the components against each row.

Any ambiguous and implicit words or quotations (such as yes, ok, offered, available and provided etc) shall be treated as “non-responsive”.

The minimum thresholds for key components are given below whereas rest of the components should follow compatibility requirement.

Bidder to quote separate cost for each component/ requirement of Work as mentioned against each.

Bidder to submit proposals in both hard and soft format (for evaluation purpose).

Proposed Technical Specifications for Software & Digital Photogrammetric Workstation

Aerial Triangulation..... 02 licences

Sl#	Specification/Requirement	Bidder Response
1.	Support for semi and fully automatic AT without or with POS data (GNSS+ INS integration)	
2.	Provide Image support for digital images (for all Aerial Cameras & Satellite Sensors)	

3.	The program must be able to calculate/ correct shift and drift parameters on the GNSS-data	
4.	The program must be able to correct for earth curvature and atmospheric refraction.	
5.	The program must accommodate tilt, crab and relief in photography to some extent and height anomalies.	
6.	The program must be able to calculate lever arm offsets and bore sight misalignment on the INS/IMU.	
7.	Support for semi and fully automatic error detection and rectification.	
8.	Supports the coordinate and Datum conversion and customization.	
9.	The program must be able to measure control and check points in the images from signalized known points on the ground.	
10.	The program must be able to export to the project format of the photogrammetric module.	

Modules for Photogrammetric Mapping05 licences

SI#	Specification/Requirement	Bidder Response
1.	Photogrammetric software able to do 3D-mapping by itself or have integration towards other packages	
2.	Support image for 24 bit (8 bit on each band) uncompressed 256 tiled TIF images with full set of internal overviews.	
3.	The software must be able to zoom up to at least 5 times enlargement.	
4.	Must be able to produce line maps from stereo satellite images level 2A (geo-referenced from the satellite image supplier).	
5.	Must be able to carry out additional geo-referencing by use of extra Ground Control Points.	
8.	Supports the coordinate and Datum conversion and customization.	
9.	The software must be able to change the displayed stereo images to get better visibility e.g. dark shadows or low contrast areas. This correction must not introduce any change the original image on the hard drive.	
10.	Must support user defined parameters required for creating line maps with support of user defined symbology library	
11.	Support super imposition of third party vector data for editing with image source.	
12.	Must support at least these formats: shp, dxf, dwg ordgn	
13.	Support all images from all Aerial cameras and Satellite sensor	

DTM Generating & Editing Software..... 2 licenses

SI#	Specification/Requirement	Bidder Response
1.	Must at least support point cloud from all Aerial, Satellite & LIDAR sensors The software must be able to read only selected classes and a given LIDAR pulse return.	
2.	Full support for Point cloud data editing (LAS-format) and should be equally supportive to edit colorized point clouds.	
3.	The program must be able to make a Digital Terrain Model (DTM) and extract Contour lines & support edit in 3D.	
4.	Can support for automatic extraction of points with a given class.	
5.	The software must be able to export DEM to at least these formats: ASCII, GEOTIFF, LAS and xyz grid	
6.	The software must be able to export contour lines to at least one of these formats: shp, dxf, dwg or dgn.	
7.	Must support user defined parameters for DEM/DTM generation to achieve high accuracy.	
8.	The software must be able to zoom up to some extent for further analysis.	
9.	Support integration of multi-source elevation data to generate DEM	

Digital Orthophoto Production software 2 licenses

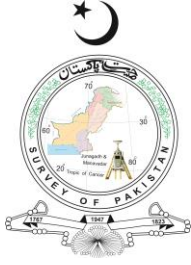
SI#	Specification/Requirement	Bidder Response
1.	Full support for fully automated, generation and editing of Digital Ortho photo.	
2.	Orthophoto software must support to import files of oriented images and DEM from other sources.	
3.	Must support user defined pixel size for Ortho-rectification.	
4.	The tiling, of the orthophoto must follow regular pattern of a defined width, height and position.	
5.	The program must be able to do some color equalization over the whole project in order that orthophoto becomes more homogeneous.	
6.	The software must be able to zoom up to at least 5 times enlargement for further analysis.	
7.	Provide support for various re-sampling algorithms, for example nearest neighbor, bilinear, cubic convolution, B-spline, etc.	
8.	Support all images from all available cameras & sensor	
9.	Must be able to export metadata, as for example seam lines, to at least one of these formats: shp, dxf, dwg or dgn	

Workstation- the recommended Workstation and the minimum hardware that is capable to work reasonable well for the modules specified above. Some of the basic requirements are as below:

Sl#	Component	Specification
1	System	Branded
2	Operating System	Windows 10 64-bit or better
3	Processor	Intel® Xeon® w7-2495X (45 MB cache, 24 cores, 2.5 GHz to 4.8 GHz)
4	RAM	32 GB or more, DDR5 SPR,
5	Hard Drives	2x TB or better
6	Graphic	Integrated graphic card > 4 GB chipset compatible (NVIDIA or equivalent)
7	Displays	Compatible LED (s) for stereo viewing, screen size 24” or better. Support to graphic display requirement for the quoted software.
8	Stereo Vision	Full support for stereo Mapping compatible to the system
9	Mapping Devices	3D mapping devices required/ compatible to the system preferably 3D Mouse
10	UPS	Min 3 KVA or equivalent, with dry batteries
11	Accessories	<ul style="list-style-type: none"> • Input output support compatible • Power supply and cables • Wireless Key Board,

7 General Conditions to follow:

Sl #	Component	Specification	Bidders Response
1.	Licensing	Licence as required mentioned against each function	
2.	Installation & Training	15 days on site training after installation of HW and SWs.	
3.	Documents	Assembly and working Brochures in English (both hard and soft copies)	
4.	Delivery	On site delivery. Bidder will be responsible for custom clearance and follow other prevailing rules, etc. in case of import of any equipment and software as per government policy.	
5.	Warranty	01 year comprehensive onsite warranty and 02 x Years service warranty.	



GOVERNMENT OF PAKISTAN
Ministry of Defence
SURVEY OF PAKISTAN
Surveyor General's Office, Rawalpindi
Tele: 051-9290227; Fax: 051-9290205

No. /15-G-4/(DPWS)/St
Dated: /December, 2023

To,
The Director Advertisement,
Press Information Department,
Zero Point, Islamabad.

Sub: **PUBLICATION OF CLASSIFIED ADVERTISEMENT**

Please arrange to publish enclosed Tender Notice according to the requirements as specified hereunder:

1	Language	One English (The Daily Dawn) & (The Daily Jang)
2	Region	Rawalpindi/Islamabad
3	No. of Insertion	Only one insertion
4	Date of Insertion	03-12-2023
5	Special Instructions	Due to limited funds insertion may be restricted as minimum as possible.

2. Necessary funds to meet the expenditure on above advertisement are available. Therefore, after publication of tender, bill in duplicate in the name of DDO (SGO), Survey of Pakistan, Rawalpindi along with copy of tender published may be sent for payment in due course, please.

(MUHAMMAD ASGHAR)
Senior Store Officer

N.O.O.

Copy to:	1	Mr. Nadeem Ahmad Ch., DSG-II/CPC.	For information along with a copy of Tender Notice with the request to ensure your presence on 20-12-2023 in opening date of bids please.
	2	Mr. Muhammad Arshad Iqbal, DP&RS/PD/MPC.	
	3	Mr. Shah Muhammad, DP&G/MPC.	
	4	Maj. Amir Shahzad, Manager Maintenance (EME)/MPC.	
	5	Mr. Aftab Nazir Ahmad, DD/MTEC.	
	6	Mr. Junaid Memon, AD/MTEC.	



GOVERNMENT OF PAKISTAN
Ministry of Defence
SURVEY OF PAKISTAN
Surveyor General's Office, Rawalpindi
Tele: 051-9290227; Fax: 051-9290205

No. /15-G-4/(DPWS)/St
Dated: /December, 2023

To,
The System Analyst, PPRA,
Federal Bank for Cooperative (FF),
G-5/2, Islamabad.

Att: Mr. Rizwan Mahmood

Sub: **TENDER NOTICE**

A tender notice regarding purchase of **05 x Digital Photogrammetric Workstation** by Survey of Pakistan, Faizabad, Murree Road, Rawalpindi along with bidding documents containing detailed terms and conditions, specifications, evaluation criteria, contract specimen & prescribed tender form is attached herewith.

2. It is requested that above documents may kindly be placed at your website at the earliest. The web page which is audit requirement may also be sent along with your bill.

3. The closing date of the tender is **20-12-2023**, please.

(MUHAMMAD ASGHAR)
Senior Store Officer

N.O.O.

Copy to: In-charge IT (MPO) with the request to upload Tender Notice on Department's website, please.