



Office of the Director, MPGDC
Survey of India, Vijay Nagar, Jabalpur, Madhya Pradesh- 482002

NOTICE INVITING e-TENDER (NIT)

TENDER NO: 712 / 4-E-1-1

Dated 03.07.2020

On behalf of the Surveyor General Of India, Director, Madhya Pradesh Geo-Spatial Data Centre, Survey of India, Jabalpur (Madhya Pradesh) – 482002 invites online bids under two bid system (Technical bid and Financial bid) for **Procurement of Professional Survey Grade UAV/Drone (60 Nos) for Large Scale Mapping Projects.**

The details of e-Tender with complete terms and conditions are available on the CPP portal i.e. <https://eprocure.gov.in/eprocure/app> as well as on Survey of India website: www.surveyofindia.gov.in (for reference only). **Bids received by offline mode are not acceptable.**

Critical Date Sheet

Prebid meeting	15.07.2020 (11:00 hrs)
Clarification End Date	15.07.2020 (10:00 hrs)
Last Date & time of Receipt of Bid	30.07.2020 (10:00 hrs)
Date & time for opening of Technical Bid	31.07.2020 (11:00 hrs)

For queries / clarifications on content of Tender document, please contact, Director, Madhya Pradesh Geo-Spatial Data Centre, Survey of India, Jabalpur (Madhya Pradesh) – 482002 on email mp.gdc soi@gov.in. However, any queries relating to the process of online submission of bids relating to CPP portal in general may be directed to CPP portal **24 x 7 Help Desk Number 0120-4200462, 0120-4001002, 0120-4001005.**

Director
MPGDC Survey of India,
Jabalpur

1. Instructions to Bidders (ITB):

1.	Designation and address of the Officer inviting the tender	Director, Madhya Pradesh Geo-Spatial Data Centre, Survey of India, Jabalpur (Madhya Pradesh) - 482002
2.	Venue of opening of Technical Bid	Conference Hall, Madhya Pradesh Geo-Spatial Data Centre, Survey of India, Jabalpur (Madhya Pradesh) - 482002
3.	Venue of Pre Bid Meeting	Conference Hall, Madhya Pradesh Geo-Spatial Data Centre, Survey of India, Jabalpur (Madhya Pradesh) - 482002

1.1 .Detailed Specification of Item:

Sl. No.	Description	Quantity	Remarks
1	Professional Survey Grade UAV/Drone	60 (Sixty only)	For detailed technical specifications please see Annexure-C For delivery destination, please see Annexure-D

The purchaser may increase or decrease the number of **Professional Survey Grade UAV/Drone by 25%** at the time of placing supply order.

- 1.2 The bid document is available online and bids are to be submitted online through the e-procurement portal <https://eprocure.gov.in/eprocure/app> only. Bids submitted in any other manner will not be accepted. Bidders are required to obtain Digital signature from designated firms (available on e-proc Portal) and then register with the Government of India e-procurement platform and submit bids by using their user ID and Digital Signature.
- 1.3 Bids must be submitted online on <https://eprocure.gov.in/eprocure/app> (website) on or before the date and time for receipt of bids. 'Technical Part' of bids will be opened online on the specified time and date for opening of bids, as given in NIT. The "Financial Part" shall remain unopened in the e-procurement system until the second public Bid opening is convened for the financial part. Any bid or modifications to bid (including discount) received outside e-procurement system will not be considered. If the office happens to be closed on the date of opening of the bids as specified, the bids will be opened on the next working day at the same time. The electronic bidding system would not allow any late submission of bids.
- 1.4 The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in English language only. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into English language, in which case, for purposes of interpretation of the Bid, such translation shall govern.
- 1.5 Survey of India shall not be held liable for any delays due to system failure beyond its control. Even though the system will attempt to notify the bidders of any bid updates, the Survey of India shall not be liable for any information not received by the bidder. It is the bidders' responsibility to check the CPP Portal for the latest information related to this bid.

- 1.6 The online bid (in English language only) for the above item shall be submitted along with detailed specifications. Offline bids will not be accepted. Instructions for online bid submission are given in Annexure-I.
- 1.7 A pre-bid meeting will be held on **15/07/2020 at 11:00 hrs.** at Conference Hall, Madhya Pradesh Geo-Spatial Data Centre, Survey of India, Jabalpur (M.P) to clarify the issues and to answer queries on any matter related to the bid.
- 1.8 Clarification on the bidding document: A prospective Bidder may ask any clarification on the Bidding Documents. Description of clarification sought and the response of the Survey of India shall be uploaded for information of all Bidders without identifying the source of request for clarification. Should Survey of India deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure. It is the bidder's responsibility to check on the e-procurement system, for any addendum/ amendment/ corrigendum to the bidding document.
- 1.9 Amendment of the bidding document: At any time prior to the deadline for submission of bids, the Survey of India may amend the Bidding Documents by issuing addendum/amendment/corrigendum. The addendum/amendment/corrigendum will appear on the e-procurement system under "Latest Corrigendum". Any addendum/amendment/corrigendum thus issued shall be part of the Bidding Documents and shall be deemed to have been communicated to all the bidders. To give prospective Bidders reasonable time to take an addendum/ amendment/ corrigendum into account in preparing their bids, the Survey of India may, at its discretion, extend the deadline for the submission of bids.
- 1.10 **Eligibility and Qualification Criteria** :- (To be read with General Terms & Conditions of Supply – Annexure E)

The bidder must possess minimum eligibility criteria mentioned under to participate in the bidding process:-

(A) Technical Qualification:

- (i) The **Professional Survey Grade UAV/Drone** offered should fully comply to Technical Specifications stipulated in Annexure 'C'. The Bidder shall furnish documentary evidence to demonstrate that the **Professional Survey Grade UAV/Drone** it offers meet the specification/requirements as given in Annexure 'C'. Bidder shall fill in the compliance/deviation statement if any.
- (ii) The parent company/ Original Equipment Manufacturer or authorized distributor/authorized franchise/subsidiary in India, should have successfully supplied, installed and commissioned at least 25% of the quantity specified in the bid with all subcomponents and necessary hardware and software in any one of the last 3 Financial Years i.e. 2017-18 to 2019-20, which must be in satisfactory operation. Bidder shall provide latest certificate from the consignee/end user with cross-reference of order no. and date in support of satisfactory performance.

Or

The bidder registered as MSME or NSIC or startup by DIPP must have successfully supplied, installed and commissioned at least 8% of the quantity specified in the bid with all subcomponents and necessary hardware and software in any one of the last 3 Financial Years i.e. 2017-18 to 2019-20, which must be in

satisfactory operation. Bidder shall provide latest certificate from the consignee/end user with cross-reference of order no. and date in support of satisfactory performance.

- (iii) Professional Survey Grade UAV/Drone shall meet all the guidelines /requirements as specified in Director General Civil Aviation F.No. 05-13/2014-AED Vol. IV dated 27 August 2018 effective from 01/12/2018 and DGCA RPAS Guidance Manual First Edition 2018 with Revision-1 dated 03rd June 2019. The Professional Survey Grade UAV/Drone supplied by the bidder shall be capable of meeting the changes in terms of NPNT compliance, UIN etc made in DGCA guidelines in future. An undertaking in this regard is to be furnished by the bidder.
- (iv) The bidder will require to submit the following documents: -
 - a) Equipment Type Approval (ETA) from the WPC wing, DOT for operating in de-licensed frequency band(s).
 - b) NPNT compliance: The Professional Survey Grade UAV/Drone should have provision to make it NPNT compliant as and when Digital Sky platform becomes operational in future without any cost.
- (v) The bidders who are intended to import the **Professional Survey Grade UAV/Drone** will strictly comply/ follow the guidelines of DGCA. Relevant proof in support/an undertaking shall be submitted for import license.
- (vi) The Professional Survey Grade UAV/Drone supplied by bidder shall capable of qualifying EMI/EMC test. The bidder will also require to furnish the undertaking from OEM to this effect.

(B) Financial capabilities

- (i) The average annual financial turnover of 'The bidder' during the last three years, 2017-18, 2018-19 and 2019-20 should be at Rs. 5 crore or more. The annual report /audited balance sheet and profit & loss account of the relevant period, duly authenticated by a Chartered Accountant/Cost Accountant in India or equivalent in relevant countries shall be submitted by the bidder.
- (ii) For Manufacturers recognized as MSMEs or Start ups by DIPP, the average annual financial turnover should be at least 50 lakhs or more during the last three financial years i.e. 2017-18, 2018-19 and 2019-20.

(C) Bidder should be a Company registered under Indian Companies Act 1956/ under Indian Partnership Act 1932.

(D) ISO Certification – The Company offering **Professional Survey Grade UAV/Drone** should be an ISO Certified Company with Certified Service Centers in India for after sale support. The bidder will submit the copy of the ISO certification along with the Technical Bid.

(E) The **Professional Survey Grade UAV/Drone** supplied should be from well-known manufacturer & of recent model with proven reliability in the field. The **Professional Survey Grade UAV/Drone** supplied must have minimum life period of 3 years. The bidder is to give undertaking that availability of spares & services will be ensured in case the **Professional Survey Grade UAV/Drone** is obsolete in between the period.

(F) Bidders shall not be under Ban/Blacklisting/Debarment for corrupt and fraudulent practices or for lack in performance by any Government/Semi-Government entity. All bidders should submit an UNDERTAKING to this effect as part of their Technical bid.

1.11 The bidder may please note that the bid once submitted will not be allowed to be modified or altered. Completed Bid Document should not have any scope of ambiguity, cutting or overwriting. For inadvertent mistakes, if any, the bidder must strike through erroneous figure/ word and legibly write the correct figure / word and must be authenticated with dated signature of the bidder.

1.12 No consortium or joint venture is permitted. An undertaking in this regard to be furnished by the firm.

1.13 For general terms and conditions of supply, please see Annexure-E.

1.14 The details of e-Tender with complete terms and conditions are available on the CPP portal of Government of India at URL: <https://eprocure.gov.in/eprocure/app> and may be read out carefully before applying the same. Bids received by offline mode are not acceptable and shall be rejected.

1.15 **EMD:** The interested bidders will have to send Fixed Deposit Receipt / Bank Guarantee (refer Annexure-H(II)) of any scheduled Bank to the tune of Rs.30,00,000/- (Rs. Thirty Lakhs only) as bid security/EMD in favour of “**E&AO, MPGDC, Survey of India**” and payable at Jabalpur to the following address:

**O/o Director, MPGDC, Survey of India
Vijaynagar, Jabalpur
Madhya Pradesh – 482002**

EMD shall reach O/o Director, Madhya Pradesh Geo-Spatial Data Centre, Survey of India, Jabalpur (Madhya Pradesh) - 482002 on or before the date and time of submission of the technical bid otherwise the bid will be considered as non-responsive and shall be rejected. The EMD will be refunded without interest to the unsuccessful bidder except L1 and L2 bidders. Scanned copy of EMD shall be uploaded in the respective cover of the online bid document. The EMD will have to be in any one of the forms as specified in the bidding document and **shall have to be valid for 45 days beyond the validity of the bid**. The EMD of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the contract and furnished the required performance security. The Bid Security may be forfeited if the successful Bidder fails to sign the contract and furnish a Performance Security.

EMD exemption: “Bidders who are registered with MSME or NSIC as defined in MSE procurement policy issued by the department of MSME or start up as recognized by Department of Industrial Policy & Promotion (DIPP) shall be eligible for EMD exemption.”

1.16 Incomplete Bids will not be considered at all.

1.17 The OEM or their authorized dealer/distributor/agent along with letter of authority from the OEM can only participate in the bidding process. (for instructions to bidder and General terms & conditions Annexure-A & Annexure-E may be referred to).

1.18 The Tendering Process and Procurement is subject to the provisions of General Financial Rules 2017, Manual on Policies and Procedure for Purchase of Goods published by Ministry of Finance, Department of Expenditure and related Guidelines issued by CVC and any other Government orders issued from time to time. Attention of interested Bidders

is invited towards Rule 153(iii) of GFR 2017 and Government of India guidelines issued under this rule from time to time, wherein it is specified that: - The Central Government may, by notification, provide for mandatory procurement of any goods or services from any category of bidders, or provide for preference to bidders on the grounds of promotion of locally manufactures goods or locally provided services.

Domestic Preference: - Purchase preference under 'DMEP' policy under notification No. F.No. 33(3)/2013-IPHW dated 22nd May, 2014 and Public Procurement (Preference to Make in India) order No. P-45021/2/2017-B.E.-II dated 29th May 2019 the procurement policy for Micro and Small enterprises, 2012 to Domestic bidders and MSE's respectively will be provided to bidders registered under relevant rules.

1.19 All bidders must quote the price for delivery at designated consignee address including all applicable taxes/ duties in Indian Rupees (INR) only. Consignee address attached as Annexure-D

1.20 **Professional Survey Grade UAV/Drone** with OEM/other accessories will be considered as single lot irrespective of detail break-ups of various costs/taxes. L1 bidder will be decided based on the Grand Total Landed Cost at the Consignee's place.

1.21 No extra cost should be included over and above the quoted price in the financial bid by the vendor after opening of tender/bid under any circumstances.

1.22 Survey of India reserves the right to reject / cancel the tender without assigning any reason thereof.

2. TENDERING/BIDDING PROCESS:

The tenders / bids are to be submitted in two Covers, i.e. Cover-1 & Cover-2.

2.1 Cover – I, titled as '**TECHNICAL BID**' shall contain the i) Scanned copy of Earnest Money Deposit (EMD) ii) Complete technical qualifications and Commercial terms and conditions of supply etc. & Documents mentioned in Para 9 of Annexure A, General Terms & Conditions in Annexure E, Annexure F and Format given in Annexure-B.

The Technical Part shall not include any financial information related to the Bid price. Where material financial information related to the Bid price is contained in the Technical Part, the Bid shall be declared non-responsive

2.2 Cover – II, titled as '**FINANCIAL BID**' shall contain:

(i) Price bid shall be filled in BoQ (in .xls format) strictly according to the prescribed proforma provided along with this bid Document at <https://eprocure.gov.in/eprocure/app>. Bidders are advised to download this **BoQ as it is** and quote their offer/rates in the permitted column and upload the same in the financial bid. **Bidder shall not tamper/modify downloaded price bid template in any manner.** In case if the same is found to be tampered/modified in any manner, tender will be completely rejected. Any deviation will render the financial bid as non-responsive.

(ii) **The Bidder shall quote the price in Indian Rupees only.** Bids, where prices are quoted in any other way shall be treated as non - responsive and rejected.

2.3 The 'TECHNICAL' and 'FINANCIAL' bids shall be filled online on e-procurement portal URL: <https://eprocure.gov.in/eprocure/app> on or before the scheduled date and time.

2.4 VALIDITY OF RATES

The rates quoted in the bid must remain valid for 120 days (four months) from the date of opening of Technical Bid. Rates will not be changed under any circumstances. A bid valid for a shorter period shall be rejected by the Survey of India as non-responsive. In exceptional circumstances, prior to the expiration of the bid validity period, the Survey of India may request bidders to extend the period of validity of their bids.

2.5 OPENING OF BIDS

- a) The Technical Bid will be opened **on 31-07-2020 (11:00 hrs) in the Conference Hall, Madhya Pradesh Geo-Spatial Data Centre, Survey of India, Jabalpur (M.P)**. The bidders or their representatives may attend the Pre-Bid Meeting, Opening of tenders along with letter of authority from the respective bidders.
- b) Only one authorized representative from each participating bidder will be allowed to attend.
- c) The Financial Parts of the bids shall remain unopened in the e-procurement system, until the subsequent public opening, following the evaluation of the Technical Parts of the Bids.

2.5.1 Technical bid and original documents submitted shall be first scrutinized, examined and evaluated. Any clarification, if necessary, may be asked from the bidder to assist in the examination, evaluation and comparison of the bids. Any effort by a Bidder to influence in the examination, evaluation, comparison, and post-qualification of the bids may result in the rejection of its Bid. If a Bidder does not meet the Evaluation and Qualification Criteria, Technical Specifications and equipment testing, its Bid shall be rejected. Only Bids that are both substantially responsive to the bidding document, and meet all Qualification Criteria and equipment testing shall have the Financial Parts of their Bids opened at the second public opening.

2.5.2 **Equipment Testing:** The bidder will bring One Professional Survey Grade UAV/Drone of particular Make and Model with all accessories, which has been quoted by the bidder directly at field testing location on scheduled date and time. The testing shall be carried out from **6-08-2020 to 8-08-2020**. The location of the field testing will be intimated to all eligible bidders through CPP portal/registered email address of bidder in due course.

2.5.3 The Financial Part of Bid whose Technical Parts including equipment testing have been evaluated as substantially responsive to the bidding document and met the Qualification Criteria will be opened at the public opening of Financial Parts. The date and time of the public opening of the Financial Parts of the Bids will be notified to the bidders. The Financial Part of the Bid shall be opened publicly in the presence of Bidders/their designated representatives who choose to attend. In the event of the specified date of bid opening being declared a holiday for the Survey of India, the bids will be opened at the appointed time and location on the next working day.

2.5.4 The Survey of India shall compare the evaluated prices of all substantially responsive bids to determine the lowest-evaluated bid. Survey of India reserves the right to accept or reject any bid.

2.5.5 The contract shall be awarded to the Bidder whose bid has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily. At the time of award of contract, Survey of India reserves the right to increase or decrease the quantity of **Professional Survey Grade UAV/Drone**.

2.5.6 Prior to the expiration of the period of bid validity, the successful Bidder will be notified in writing that its Bid has been accepted. Within fourteen (14) days, the successful Bidder shall sign the agreement (as given in Annexure-G) with date, and return it to the Survey of India and shall furnish the Performance Security. Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose bid is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

2.5.7 Fall clause is a price safety mechanism. The fall clause provides that if the contract holder reduces its price or sells or even offers to sell the contracted goods of identical specification and terms & conditions to that of the contract, at a price lower than the contract price, to any person or organization during the currency of the Contract, the Contract price will be automatically reduced with effect from that date for all the subsequent supplies under the Contract and the contract amended accordingly.

3. INSPECTION

Preliminary inspection of the **Professional Survey Grade UAV/Drone** will be carried out by the supplier at the factory before dispatch. The final joint inspection will be carried out at the consignee's site after receipt of the consignment. In case of defective supply due to latent manufacturing defects / transit damage, the same has to be rectified and replaced at the supplier's cost. **All the inland expenses including insurance are to be met by the supplier.**

4. INSTALLATION, TESTING AND COMMISSIONING OF PROFESSIONAL SURVEY GRADE UAV/DRONE:

4.1 The bidder will arrange Installation, testing and Commissioning of **Professional Survey Grade UAV/Drone**, quoted in Bid, at the consignees addresses (Annexure D) free of cost, either directly or through authorized Agents / Dealers / Distributors, as the case may be, to verify whether the **delivered equipment meets the** Technical requirement / criteria as indicated in the technical specifications given in **Annexure C**. The bidder shall demonstrate by field trial/run/processing all the features/functionalities of **Professional Survey Grade UAV/Drone**.

4.2 If during such inspections/testing, the **Professional Survey Grade UAV/Drone** fail to conform to the required specifications and standards, the purchaser may reject them and the supplier shall replace the rejected goods free of cost to the purchaser and re-submit the same to the purchaser for conducting the inspections and tests again.

4.3 On rejection, the supplier shall remove such stores within 7 days of the date of intimation of such rejection from the consignee's premises. If such goods are not removed by the supplier within the period mentioned above, the purchaser/consignee may remove the rejected stores and either return the same to the supplier at his risk and cost by such mode of transport as purchaser/consignee may decide or dispose off such goods at the suppliers risk to recover any expense incurred in connection with such disposals and also the cost of the rejected stores if already paid for.

4.4 Goods accepted by the purchaser/consignee at initial inspection and in final inspection in terms of the contract shall in no way dilute purchaser's/consignee's right to reject the same later, if found deficient in terms of the warranty clause.

4.5 If the results of Inspection & Testing are found satisfactory, 'Acceptance Certificate (Joint Inspection Report)' shall be issued by the purchaser/consignee.

5. OEM COMPREHENSIVE WARRANTY

The supplier will replace the defective material free of cost, if noticed within the warranty period. The Warranty Certificate, as per specimen enclosed at Annexure F, is also to be submitted duly signed along with the Pre-Qualification /Technical Bid. The warranty will have to be valid for a period of 1 year or 500 landings, whichever is earlier (including spares) from the date of final acceptance (Joint Inspection Report). The warranty charges shall not be quoted separately. All software updates should be provided free of cost during comprehensive warranty period.

During the warranty period, desired Uptime of 95% of 365/366 (Leap Year) days (24 Hrs.), if downtime is more than 5%, the warranty period will be extended by double the downtime period.

6. COMMITMENT

Professional Survey Grade UAV/Drone should have functional commitment for 3 years from the date of final acceptance so that there is no breakdown in operational condition for wants of production of spares of Professional Survey Grade UAV/Drone.

7. AGREEMENT

The successful Bidders / Suppliers will be required to sign an agreement on non-judicial stamp paper of appropriate value as per specimen at Annexure-G at their own cost.

8. SERVICE MANUAL

Standard Service manual and Operational Manual with detailed specifications/diagrams, if any will have to be provided along with the **Professional Survey Grade UAV/Drone**.

9. REPAIR AND MAINTENANCE

Technical support should be provided within 48 hrs at consignee locations after registering the complaint on telephone/Email. The defect shall be rectified maximum within 7 days. If UAV/Drone cannot be repaired at consignee's location within 7 days and shall require to be taken to OEM service center, then the bidder will provide the replacement for the defective UAV/Drone till it has been repaired. The cost of shifting the defective UAV/Drone for repairs from consignee's location to OEM service center & back will be borne by the bidder. Telephone nos and Email addresses of the service center on 24 (Hrs.) X 7 (days) X 365 (days) basis will be furnished by the bidder for logging the complaints. The service should be provided directly by Principal/Indian Agent. The bidder should furnish the detailed information for repair and maintenance facilities including the Name/Contact numbers/Email addresses of the technical support team as would be extended by them, in case of any necessity. The bidder must specify the normal expected life of the **Professional Survey Grade UAV/Drone**.

10. CORRUPT OR FRAUDULENT PRACTICES

The Board will reject a proposal if it is found that the bidder has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive or obstructive practices in competing for the contract in question during the bidding process or in executing the contract.

11. TRAINING:

The training of 5 technical personnel for the period of 5 days at each consignee location shall be provided by the bidder after the delivery and commissioning of UAV/Drone for operation and maintenance of UAV/Drone to the satisfaction of user/consignee. If training from Indian Agent is not satisfactory, training shall be provided by the Principal.

**Director,
MPGDC, Survey of India
Vijay Nagar, Jabalpur
Madhya Pradesh - 482002**

INSTRUCTIONS TO BIDDERS

1. PERFORMANCE SECURITY

Successful bidder will have to furnish Security Deposit @ 10% of value of the order/contract in the form of Fixed Deposit Receipt / Bank Guarantee from a scheduled bank valid for 1 years and 2 months from the date of acceptance of the **Professional Survey Grade UAV/Drone** with a provision of further extension and **within 14 days after the notification of award**, in favour of **“E&AO, Surveyor General Office, Survey of India” and payable at Dehradun**. An Agreement is also to be signed by the Supplier at their cost on non-judicial stamp paper of appropriate value as per specimen at Annexure-G. In case of Bank Guarantee submitted by the Bidder it should be unconditional in all cases.

2. DELIVERY PERIOD

Professional Survey Grade UAV/Drone will be delivered in two lots (each lot of 30 UAV/Drones). The distribution of UAV/Drone to be delivered at consignee's location is specified in Annexure 'D'. The first lot of 30 UAV/Drone should be delivered within 6 weeks from the date of supply order. Thereafter second lot of 30 UAV/Drones shall be supplied within 4 weeks till the delivery of all 60 UAV/Drone is completed. The maximum delivery period for supplying 60 UAV/Drones shall not be more than 10 weeks from the date of supply order.

2.1 Liquidated Damages : If the supplier fails to deliver or install /commission any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract, the Purchaser shall, without prejudice to other rights and remedies available to the Purchaser under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% of the contract value per week of delay or part thereof on delayed supply of goods, installation, commissioning and/or services until actual delivery or performance subject to a maximum of 10% of the contract price. Once the maximum is reached, purchaser may consider termination of the contract.

3. PACKING

The **Professional Survey Grade UAV/Drones** are to be securely packed as per International standard trade packaging, to avoid damages to the consignment in transit. The packaging charges, if any should be included in the quoted price.

4. INSURANCE

The consignment is required to be dispatched to the consignee, duly insured for transit insurance for all risks from the consignor's Warehouse to the Consignee's place till the acceptance of the Equipment. The insurance charges should be included in the quoted price.

5. ACCESSORIES

Only OEM accessories should be quoted.

6. TRANSPORTATION CHARGES

The transportation charges should be pre-paid for delivery of consignment to the consignee on Door Delivery Basis and should be included in the quoted price.

7. PAYMENT

(a) Payment will be made in two parts after delivery & installations and acceptance of each lot consisting of 30 UAV/Drones at the consignee's locations and the successful training in Indian Rupees in the following manner:

(i) On Delivery: Sixty (60) % of the total cost of each lot of 30 UAV/Drone including GST amount charged in Invoice shall be paid within thirty (30) days on delivery of Professional Survey Grade UAV/Drones as per Clause 2 of Annexure 'A' (to be read with Annexure 'D') against acceptance report from purchaser or another form acceptable to the Purchaser.

(ii) On successful installation/ acceptance: Thirty (30) % of the total cost of each lot of 30 UAV/Drone including GST amount charged in Invoice shall be paid within thirty (30) days on successful installation/ acceptance of Professional Survey Grade UAV/Drones at consignee's locations against acceptance report from purchaser or another form acceptable to the Purchaser.

(iii) On successful completion of training: Ten (10) % of the total cost of each lot of 30 UAV/Drone including GST amount charged in Invoice shall be paid within thirty (30) days on successful completion of training in Professional Survey Grade UAV/Drones as per Clause 11 at page 9 against acceptance report from purchaser or another form acceptable to the Purchaser.

(b) GST amount will be paid against valid Invoice and submission of GST Registration Certificate along with declaration that GST Registration is valid and all liabilities towards GST have been discharged by the vendor.

(c) No request of advance payment will be considered.

8. THE FOLLOWING TO BE CONFIRMED IN THE TECHNICAL BID:-

- A) VALIDITY OF OFFER
- B) DEMONSTRATION / FIELD TEST OF THE UAV/DRONE
- C) INSPECTION
- D) WARRANTY
- E) SERVICE / OPERATIONAL MANUAL
- F) REPAIR & MAINTENANCE(AFTER SALES SERVICE FACILITIES)
- G) INSTALLATION/COMMISSIONING/TESTING

9. DOCUMENTS TO BE SUBMITTED:- Following Documents are required to be furnished along with the TECHNICAL BID:-

- i) Registration Certificate of the firm.
- ii) Registration Certificate if registered as an approved Government Supplier or registered as a MSME/ STARTUP with appropriate authority.
- iii) GST registration certificate.
- iv) Company's PAN/TAN and balance sheets, profit and loss statements, auditors' reports, etc. and Income Tax Return (ITR) for last 3 financial years and ward/circle where it is being assessed
- v) In case of wholesale dealers / distributors / agents/Non-manufacturer, bid specific Manufacturer's Authorization Form (MAF) (in original) from their Principals / OEMs.
- vi) One copy of Warranty Certificate duly stamped and signed (specimen enclosed).
- vii) Previous supply orders from Govt. (State or Central)/ PSUs for supply of this item.
- viii) Power of Attorney (PoA) of signatory of Bid. Authority of person signing the PoA should also be enclosed.
- ix) Scanned copy of Documents confirming to Sole Proprietorship/ Partnership/Private Limited Firm in the country of origin as the case may be uploaded.
- x) Certificate of Incorporation of the bidder regarding its constitution and legal status.
- xi) Scanned copy of "Technical Brochure/Catalogue of OEM of quoted equipment" detailing its technical parameters. Descriptive Documents, drawings, notes and references of operating and assembly of mechanical parts if applicable shall also to be included.
- xi) All documents required in : Eligibility & Qualification Criteria

**INFORMATION ABOUT THE BIDDER
(TO BE SUBMITTED ALONG WITH Technical Bid)**

1.	Name of the Firm/ Company	
2.	Year of Establishment	
3.	Status of the Firm/Company (Partnership, Limited etc)	
4.	Postal Address Telephone numbers Fax E-Mail Website Address (if applicable)	
5.	Bank Account Detail for e-payment	Account No Account Type Name of Account Holder Address of Account Holder Name of Branch Address of Branch IFSC Code
6.	Address of Authorized branches of the Firm/Company, in India	
7.	Name of the proprietor/ partner/ Managing Director etc.	
8.	Nature of your Firm/Company/ Manufacturer/ Stockiest/ Dealer/ Distributor/ Agent etc.	
9.	Details of products you are dealing in (catalogues for products may be enclosed if available)	
10.	Turnover for the last 3 years in Rs. (Year Wise) (Supporting documents to be attached)	
11.	List of Existing Clients (Govt./ PSU/Major Client) (Supporting documents to be attached)	

12.	If already doing business with SOI give details.	
(a)	Item	
(b)	Since when	
13.	If you are registered with GeM or any other Govt./ PSU/Authorized body please give details	
(a)	Name and address of organization registered with	
(b)	Registration No.	
(c)	Date of Registration	
(d)	Date till which Registration is valid	
(e)	Whether registered for items for which tender has been submitted	
14.	Has your firm ever been black listed by the Govt. or any other authority? Please give details and reasons thereof	
15.	If black listed & revoked give details of the same	
16.	Are you income tax payee, if so please furnish following details	
(a)	PAN/TAN	
(b)	GST Registration No.	

Declaration

I/We do hereby declare that the entries made in the application are true to the best of my / our knowledge and belief. I/We do also confirm that I/ We have read and understood all terms & conditions of Contract as contained in this tender document and agree to abide by the same in all respect.

I/We undertake to communicate promptly to Survey of India all the subsequent changes in condition affecting the accuracy of the details given above. Further I/We undertake that in case the facts/ information furnished, as above is/ has been found false, the Survey of India may be in absolute discretion to reject/ cancel any assignment, if any, awarded / agreed to be awarded to me / us and in such case I / We shall not be entitled to claim any damages/ whatsoever in regard to that assignment.

Signature of Proprietor/ Director/ Managing
Director/ Constituted authority.

Place:

Name:

Date:

Designation

TECHNICAL SPECIFICATIONS**Professional Survey Grade UAV/Drone with standard OEM Accessories**

DESCRIPTION	SPECIFICATION
UAV Type	Fixed Wing (with VTOL)/ Multi-rotor (with VTOL)
Mission	Surveying and Mapping/Professional Grade
(i) Landing & Take off	Vertical Takeoff and landing (VTOL)
(ii) VTOL Capability	Minimum 40 mtrs or better
Maximum Takeoff weight (MTOW)	Up to 7 Kg
Flight Height above Ground Level (AGL)	Atleast 120 m AGL
Take off Altitude	Minimum 2500 m AMSL or better
Endurance or Max Flight time	Minimum 50 minutes
Sensor or Camera	One high resolution RGB camera with minimum resolution 15 MP or more
GNSS Grade	PPK Enabled with GNSS base station (GNSS station of L1 and L2 frequency)
Nominal coverage at 120 m (400ft) Forward overlap: 80% Side overlap: 70%	1.75 sq km with <5cm GSD
Operational wind speed	Minimum 8 m/sec or higher
Absolute X,Y accuracy	<10cm (at 95% confidence level) at 120 m height AGL
Absolute Z accuracy	<20cm (at 95% confidence level) at 120 m height AGL
Battery Type	Li-Po/ Li-ion or more efficient; International Standard Compliant; <100 Wh (to be carried in flight)
Emergency Recovery Mode	Ability to return back to the launch pad or home position with landing accuracy of 3 mtr or better in case of communication failure, low battery/power and high wind (more than operational wind speed) etc
Onboard storage	Minimum 64 GB or more (Expandable)
Airframe life	Minimum 1 year or 500 landing whichever is earlier
Warranty	One Year
Security	128 bit encryption
Installation, testing and commissioning of the equipment after carrying out the pilot project	To be carried out by the manufacturer's expert within 30 days after delivery
Flight planning & control software	A navigation software package that enables the user to plan and perform complex flight patterns for different surveying applications and should allow the combination of telemetry data with the recorded images/data. The software should feature the functions that enable to plan, fly and prepare the data for post processing for different applications. Package should include at least following features: <ul style="list-style-type: none"> • Flight Plan editor • Flight book

	<ul style="list-style-type: none"> • Photo tagger • Database
Data Link	Communication data link complying with International standard and certification. Frequencies used should not interfere with other users allocates frequency spectrum
Communication distance between GCS and flying Drone/UAV	Minimum 4 km or more preferred
Operational Temperature	-5 to +50°C
Standard Accessories	Rugged Transport box with foam, 02 extra propeller, 02 extra battery, dual battery charger
Training	Training of 5 technical personnel for the period of 5 days at each consignee location
The equipment shall also be equipped with the following serviceable components/ equipment	<ul style="list-style-type: none"> i GNSS for horizontal and vertical position fixing. ii Autonomous Flight Termination System or Return Home (RH) option iii Flashing anti-collision strobe lights iv RFID and GSM SIM Card/ NPNT compliant for APP based real time tracking v Fire resistant identification plate inscribed with UIN vi Flight controller with flight data logging capability vii Barometric equipment with capability for remote sub-scale setting viii Geo-fencing capability ix Detect and Avoid capability
DGCA Guideline	The Professional Survey Grade unmanned Aerial Vehicle/ Drone shall be as per DGCA F.No. 05-13/2014-AED Vol. IV dated 27 august 2018

Note: The supplier should submit all the requisite documents of the offered model of UAV/Drone as mentioned in Chapter 2 of DGCA RPAS Guidance Manual Revision1-2019 to enable Survey of India to obtain UIN for these UAV/Drone immediately after supply.

**CONSIGNEE ADDRESS FOR DELIVERY OF 60 NUMBERS OF
PROFESSIONAL SURVEY GRADE UAV/DRONE
LIST OF CONSIGNEE**

SI No	Name of Office	Address of Consignee	Total Quantity	Distribution	
				1st Lot	2nd Lot
1	East Uttar Pradesh Geo-spatial Data Centre, Survey of India	Director, East Uttar Pradesh Geo-spatial Data Centre, Survey of India, Manchitra Bhawan, 5 -Vibhuti Khand, Gomti Nagar, LUCKNOW PIN - 226 010	35	17	18
2	Survey (Air) & Delhi Geo-spatial Data Centre, Survey of India	Director, Survey (Air) & Delhi Geo-spatial Data Centre, Survey of India, West Block No.4, R.K. Puram ,NEW DELH I PIN - 110 066	05	03	02
3	Punjab, Haryana & Chandigarh Geo-Spatial Data Centre, Survey of India	Director, Punjab, Haryana & Chandigarh Geo-Spatial Data Centre, Survey of India, SOI Complex, Dakshin Marg, Sector 32-A, CHANDIGARH - 160030	10	05	05
4	Maharashtra and Goa Geo-spatial Data Centre, Survey of India	Maharashtra and Goa Geo-spatial Data Centre, Survey of India, Phule Nagar, Alandi Road, PUNE PIN - 411 006	05	03	02
9	GIS Technology Centre, SGO	GIS Technology Centre, SGO, Survey of India, DehraDun – 248001	05	02	03

GENERAL TERMS AND CONDITIONS OF SUPPLY

1. COUNTRY OF ORIGIN

- a. All goods and services to be supplied and provided for the contract shall have the origin in India or in the countries with which the Government of India has trade relations.
- b. For purpose of this clause, “origin” means the place where the goods are made, grown or produced, or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembling of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from the components.
- c. The origin of Goods and Services is distinct from the nationality of the supplier.

2. FORMAT AND SIGNING OF BID

- a. The bid shall be typed or written, in English language only, in indelible ink and shall be signed by the bidder or a person or persons duly authorized to be the bidder to the contract. The letter of authorization shall be indicated by written power – of – attorney accompanying the bid. All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid.
- b. The bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the bidder, in which case such corrections shall be initialed by the person or persons signing the bid.

3. ADDITIONAL INFORMATION FOR THE BIDERS

3.1 The bid should be submitted in two parts as indicated below:-

PART – I

Technical Bid consisting of technical details, bringing out clearly in a separate sheet, deviations if any, in specifications from those indicated in Annexure-C of the Tender Document.

To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards. The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification.

PART – II

Financial bid shall be filled in BoQ (in .xls format) strictly according to the prescribed proforma provided along with this bid document at <https://eprocure.gov.in/eprocure/app>. Bidders are advised to download this BoQ as it is and quote their offer/rates in the permitted column and upload the same in the financial bid. Bidder shall not tamper/modify downloaded price bid template in any manner. In case if the same is found to be tempered/modified in any manner, tender will be completely rejected. Any deviation will render the financial bid as non-responsive. The Bidder shall quote the price in Indian Rupees only. Bids, where prices are quoted in any other way shall be treated as non-responsive and rejected.

3.2 The bidder will submit undertaking in his letter head confirming the following:

(a) Please attach lists of service Centers duly signed by you, for proper maintenance and operation of equipment for a period of three years.

(b) that before going out of production of the spare parts beyond the functional commitment of 3 years, you will give adequate advance notice to the purchaser so that the later may order his requirements of spares in one lot, if he so desires.

(c) that if you go out of production of the spare parts, then you will make available blue prints, drawings of the spare parts and specifications of materials at no cost to the purchaser if and when required in connection with the equipment to enable the purchaser to fabricate or procure spare parts from other sources.

(d) that you will forward in advance two copies of each of installation, operation and maintenance instructions and diagrams in English, in case contract is awarded and order placed with you.

3.3 The rates approved by the purchaser are final and no further payment will be done irrespective of any increase in Taxes etc. The bidder will have to bear the cost at his own. The purchaser will not be held responsible for such obligation.

3.4 The rates approved are inclusive of all prevailing taxes which are to be levied, any non-inclusion of such amount/Tax will be the liability of bidder.

4. COMPLETENESS / CORRECTNESS OF THE STORES

The bidder / supplier shall be responsible for the correct supply of the stores being ordered and shall replace the same free of cost if found not conforming to the required specifications or incomplete in any performance. The spares shall be guaranteed for interchangeability and performances. The changed parts, if any, will be guaranteed for correctness and interchangeability.

5. DECREASE IN THE QUANTITY TO BE SUPPLIED

Normally no item or quantity will be cancelled or reduced within the delivery period. But the Purchaser reserves the right to cancel any item or reduce any quantity from the purchase order if the stores are not supplied within the original delivery period.

6. FORCE MAJEURE

“Force Majeure” means an event beyond the control of the supplier and not involving the supplier’s fault or negligence and not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonable practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

7. TERMINATION FOR INSOLVENCY

The Purchaser may at any time terminate the Contract by giving written notice to the Supplier, without compensation to the Supplier, if the Supplier becomes bankrupt or otherwise insolvent, provided that such termination will not prejudice or effect any right of action or remedy which has accrued or will accrue thereafter to the Purchaser.

8. RISK PURCHASE

If the supplier after submission of bid & due acceptance of the same i.e. after the placement of order fails to abide by the terms of the tender document or fails to supply the material as per delivery schedule/period given or at any time repudiates the contract, the purchaser shall have the right to forfeit the EMD /Performance security deposited by the supplier & procure the stores from other agencies at the risk & consequences of the supplier. The cost of such procurement will be recovered from the supplier.

9. BLACKLISTING THE FIRM

If a firm which is awarded the contract violates any of the terms & conditions, it shall be black listed & its EMD / Performance Security shall be forfeited.

10. APPLICABLE LAW

The contract shall be interpreted in accordance with the laws of the Union of India.

11. RESOLUTION OF DISPUTES

11.1 If dispute or difference of any kind shall arise between the Purchaser/ Consignee and the supplier in connection with or relating to the contract, the parties shall make every effort to resolve the same amicably by mutual consultations.

11.2 If the parties fail to resolve their dispute or difference by such mutual consultation within twenty-one days of its occurrence, then, either the purchaser/consignee or the supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided the applicable arbitration procedure will be as per the Arbitration and Conciliation Act, 1996 of India.

11.3 In case of a dispute or difference arising between the Purchaser and a domestic supplier relating to any matter arising out of or connected with the contract, such dispute or difference shall be referred to the sole arbitrator to be appointed by the Surveyor General of India. The award of the arbitrator shall be final and binding on the parties to the contract subject to the provision that the Arbitrator shall give reasoned award in case the value of claim in reference exceeds Rupees One Lakhs (Rs. 1,00,000/-)

11.4 Venue of Arbitration – The venue of arbitration shall be the place from where the contract has been issued i.e. Dehra Dun, Uttarakhand, India.

11.5 Jurisdiction of the court will be from the place where the Tender Document has been issued i.e. Jabalpur, Madhya Pradesh, India.

WARRANTY CERTIFICATE

We warrant that everything to be supplied by us hereunder shall be brand new, free from all defects and faults in material workmanship and manufacture and shall be of the highest grade and quality and consistent with the established and generally accepted standards for material of the type ordered, shall be in full conformity with the specifications/drawings of samples if any and shall operate properly. We shall be fully responsible for its efficient operation.

In case of any latent defect or inconsistency due to poor manufacturing/repair & overhaul of the equipment (**Professional Survey Grade UAV/Drone**) or defective supply not conforming to the specifications if observed at the time of final inspection, and thereafter within 1 year or 500 landing from the date of acceptance, we undertake the guarantee to repair/supply free of cost, the defective items up to the final destination and the inland expenses borne by the indenter, will be at our cost.

This warranty shall survive inspection and payment for and acceptance of the goods but shall expire (Except in respect of complaints of which the contractor has been notified prior to such date) after 1 year or 500 landings of successful acceptance by the purchaser.

SEAL of manufacturer/supplier Enterprises.

Dated.....

Signature

Name & Address of Manufacturer / Supplier

AGREEMENT

An agreement made on _____ day of _____ between _____ (herein after called the contractor which expression shall include his legal representatives) of the one part and _____ as the other part for the purchase of the under mentioned articles at cost mentioned against them viz.:-

Name of Article	Quantity	Rate (Rs.)	Total Cost (Rs.)
Professional Survey Grade UAV/Drone	60 (Sixty only)		

And on the terms and conditions herein after mentioned viz:-

That all stores shall be delivered free of cost at consignee addresses as per Annexure-D.

- (a) That all stores supplied shall be new and of good quality and in exact accordance with the specifications of the equipment. That the inspection of the stores shall be carried out by the consignee himself or by a team of Officers deputed by him at the place mentioned above. The stores rejected must be removed by the contractor within a week from the date of rejection. All stores which are not accepted shall lie at the risk of the contractor. If not removed within the period specified above, Director, or consignee shall have the right to dispose of such stores as he thinks fit at the risk of the contractor and on his account or if he prefers to charge him rent for the space occupied by same.
- (b) That the time of delivery shall be of the essence of the contract and should the contractor fails to deliver or install /commission any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract, the Purchaser shall, without prejudice to other rights and remedies available to the Purchaser under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% of the contract value per week of delay or part thereof on delayed supply of goods, installation, commissioning and/or services until actual delivery or performance subject to a maximum of 10% of the contract price. Once the maximum is reached, purchaser may consider termination of the contract and forfeit the performance security.
- (c) That the Director or consignee, shall have full power to reject the whole or any part of the stores which to the true intent and meaning is not in exact accordance with the specifications and that his decision shall be final.
- (d) That the contractor will deposit a sum of Rs. _____ (Rupees _____ only) (10% value of order) as Performance Security for compliance with the terms and conditions of this contract in the form of Bank Guarantee /Fixed Deposit Receipt valid for 1 year and 2 months.
- (e) That the contractor will be entirely responsible for the execution of this contract and shall not assign or sub-let the same.
- (f) If the contractor becomes insolvent or he or his Agent offers any bribe in connection with their contract or the contractor fails to observe or perform any condition of this contract then notwithstanding any previous waiver of such default or action being taken under any other clause Consignee may on behalf of the Government terminate the contract and forfeit the said deposit and recover from the contractor any loss suffered by the Government on account of the contract being terminated.

- (g) The rates approved by the purchaser are final and no further payment will be done irrespective of any increase in Taxes etc. The contractor will have to bear the cost at his own. The purchaser will not be held responsible for such obligation.
- (h) The rates approved are inclusive of all prevailing taxes which are to be levied; any non-inclusion of such amount/Tax will be the liability of contractor.
- (i) The goods received will be accepted only after receiving the satisfactory performance certificate from the joint inspection committee. (Comprising representative of contractor and purchaser).
- (j) The Contractor will be fully responsible for efficient operation of equipment for a period of 1 year or 500 landings of warranty, whichever is earlier from the date of acceptance. However, in case of any breakdown during the warranty, the period of warranty shall get extended to the extent of the period for which equipment remained out of service.
- (k) In case of any latent defect, which is noticed later on within a period of 1 year or 500 landings, whichever is earlier from the date of acceptance of equipment, the contractor will be responsible to undertake such repair/supply free of cost the defective part, at the final destination and inland expenses will also be borne by contractor.
- (l) If any dispute or difference shall arise including this contract, the settlement of which is not herein before provided for the same, shall be referred to the arbitration of the Surveyor General of India (or any other person nominated by him) whose decision will be final and binding for both the parties.

Signed by the said contractor.....

In the presence of

**1st Witness
Address**

**2nd Witness
Address**

**Signed by the said for and on behalf of the
President of India in the presence of**

**1st Witness
Address**

**2nd Witness
Address**

BANK GUARANTEE FOR PERFORMANCE SECURITY

In consideration of the President of India (herein after called "the Government") having agreed to exempt _____ (herein after called "the said Contractor(s)" from the demand, under the terms and conditions of an Agreement dated _____ made between _____ and _____ for supply of **Professional Survey Grade UAV/Drone** (herein after called "the said Agreement") of security deposit for the due fulfillment by the said contractors of the terms and conditions contained in the said Agreement, on production of a Bank Guarantee for Rs. _____ (Rupees _____ only). We, (indicate the name of the bank) _____ (hereinafter referred to as "the Bank") at the request of _____ Contractor(s) do hereby undertake to pay to the Government an amount not exceeding Rs. _____ against any loss or damage caused to or suffered or would be caused to or suffered by the Government by reason of any breach by the said contractors) of any of the terms or conditions contained in the said Agreement.

2. We (indicate the name of the Bank) _____ do hereby undertake to pay the amount due and payable under this Guarantee without any demur, merely on a demand from the Government stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the Government by reason of breach by the said Contractor's) failure to perform the said Agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability, under this Guarantee shall be restricted to an amount not exceeding Rs. _____.

3. We undertake to pay to the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor(s)/supplier(s) in any suit or proceeding pending before any court or Tribunal relating thereto: our liability under this Guarantee being absolute and unequivocal.

The payment so made by us under this Guarantee shall be a valid discharge of our liability for payment there under and the contractors shall have no claim against us for making such payment.

4. We, (indicate the name of the Bank) _____ further, agree that the Guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till _____ Office/Department/Ministry of _____ certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said contractor(s) and accordingly discharge this Guarantee. Unless a demand or claim under this Guarantee is made on us in writing on or before the _____ we shall be discharged from all liability under this Guarantee thereafter.

5. We, (indicate the name of the Bank) _____ further agree with the Government that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said

contractor(s) from time to time or to postpone for anytime or from time to time any of the powers exercisable by the Government against the said contractors and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor or for any forbearance, act or commission on the part of the Government or any indulgency by the Government to the said contractor(s) or by such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This Guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s)/Supplier(s).

7. We, (indicate the name of the Bank) _____ lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Government in writing:

8. This Bank Guarantee submitted by the Bidder is unconditional in all cases. The Bank Guarantee / Security Deposit is valid for a period of 1 year and 2 months from the date of acceptance of stores.

Dated the day of for (indicate the name of the Bank)

BANK GUARANTEE FOR FURNISHING EMD/ BID SECURITY

Whereas (herein after called the “bidder”) has submitted their offer dated.....for the supply of(herein after called the “tender”) against the purchaser’s tender enquiry No.

KNOW ALL MEN by these presents that WEof..... having our registered office at are bound unto (herein after called the “Purchaser) in the sum of Rs for which payment will and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this..... day of20.....

THE CONDITIONS OF THIS OBLIGATION ARE:

- (1) If the bidder withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
- (2) If the bidder having been notified of the acceptance of his tender by the Purchaser during the period of its validity:-
 - a) If the bidder fails to furnish the Performance Security for the due performance of the contract.
 - b) Fails or refuses to accept/execute the contract.

WE undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force upto and including 45 days after the period of tender validity and any demand in respect thereof should reach the Bank not later than the above date.

.....
(Signature of the authorized officer of the Bank)
.....
.....
Name and designation of the officer
.....
Seal, name & address of the Bank and address of the Branch

INSTRUCTIONS FOR ONLINE BID SUBMISSION

As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal (URL: <http://eprocure.gov.in>). The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal. More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

REGISTRATION:

- i) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal: <https://eprocure.gov.in/eprocure/app> by clicking on the link “**Click here to Enroll**” on the CPP Portal is free of charge.
- ii) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- iii) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- iv) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (DSC) (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by Controller of Certifying Authorities (CCA) India with their profile.
- v) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
- vi) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS:

- i) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.
- ii) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective “My Tenders” folder.

This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

- iii) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the CPPP Helpdesk.

PREPARATION OF BIDS:

- i) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- ii) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- iii) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR formats. Bid documents may be scanned with 100 dpi.
- iv) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS:

- i) Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- ii) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- iii) Bidder has to select the payment option as "offline" to pay the EMD as applicable and enter details of the instrument.
- iv) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/delivered in person to Tender Inviting Office i.e. Director, Madhya Pradesh Geo-Spatial Data Centre, Survey of India, Jabalpur (Madhya Pradesh) – 482002 latest by the date & time of opening of technical bid. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- v) Financial Bid provided with tender document format to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids online in the format provided with this tender and no other format is acceptable.
- vi) Bidders are required to download the Financial bid format provided with tender document file, fill with their respective financial quotes and other details (such as name of the bidder). Once the details have been completed, the bidder should sign it and submit it online, without changing the filename in the respective cover. If financial bid format provided with tender document file is found to be modified by the bidder, the bid will be rejected.

vii) The serve time (which is displayed on the bidders" dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

viii) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done.

ix) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.

x) Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.

xi) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS:

- i) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- ii) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact numbers of the helpdesk are **0120- 4200462, 0120- 4001002, 0120- 4001005**