



भा.कृ.अनु.प.- राष्ट्रीय कृषि कीट संसाधन ब्यूरो
ICAR - NATIONAL BUREAU OF AGRICULTURAL INSECT RESOURCES
(भारतीय कृषि अनुसंधान परिषद)



(Indian Council of Agricultural Research)

डाक पेटिका संख्या 2491, हे. कृ. फार्म डाकघर, बल्लारी रोड, बेंगलुरु - ५६००२४, भारत

P. B. No. 2491, H. A. Farm Post, Ballari Road, Hebbal, Bengaluru - 560 024, India

Phone: 080-23511998; Fax: 080-23411961; Website: <http://www.nbair.res.in>; Email: nbair@icar.gov.in

(ISO 9001:2008 Certified Organization)

E-Tender Notice No. F.NO.NBAIR/3-400/2018-19 dated. 11.09.2018

1. Name of Contract : Whole Genome sequencing service.
2. Name of Purchaser : The Director, ICAR-NBAIR, Bengaluru-560024
3. Address of Purchaser : ICAR-National Bureau of Agricultural Insect Resources, P. B. No. 2491, H. A. Farm Post, Ballari Road, Hebbal, Bengaluru - 560024.
Phone: 080-23511998 Email: nbair@icar.gov.in
4. Language of the Tender : English
5. Bid Security (EMD) : ₹ 1,00,000/-
6. Validity of Tender : 180 days from the date of opening of bids
7. Last date & Time for Submission of
Online bidding document : 02/10/2018 at 11.00 hrs (IST).
8. Date & Time of opening of
Technical bids : 03/10/2018 at 15.00 hrs (IST)
Financial Bids : Will be Intimated later

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E-TENDER NOTICE

F. No. NBAIR/3-400/2018-19



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P. B. No. 2491, H. A. Farm Post, Ballari Road, Hebbal, Bengaluru - 560 024, India
Phone: 080-23511998; Fax: 080-23411961; Website: <http://www.nbair.res.in>; Email: nbair@icar.gov.in

E-Tender Notice No. F.NO.NBAIR/3-400/2018-19 dated. 11.09.2018

Tender for Whole Genome Sequencing Services for Cotton leafhopper, *Amsasca biguttula biguttula*

1. The Director, ICAR-NBAIR invites online bids at <https://eprocure.gov.in/eprocure/app> from eligible bidders for the work/service of

S. No.	Description
1.	Whole Genome Sequencing Services for Cotton leafhopper, <i>Amsasca biguttula biguttula</i>

2. Interested eligible bidders may obtain further information / clarification, if required, from the above office during working hours and from the websites mentioned hereunder.
3. Tender documents can be downloaded from Website (1) <http://www.nbair.res.in> (2) <https://eprocure.gov.in/eprocure/app>. The document shall be available on these websites w.e.f. 11.09.2018.
4. Date of Publication of Tender documents : 11/09/2018 at 17.00 hrs (IST)
on CPP Portal
5. Last date & Time for Submission of : 02/10/2018 at 17.00 hrs (IST)
Online bidding document
6. Date & Time of opening of Technical bids : 03/10/2018 at 15.00 hrs (IST)
7. Place of opening of bids : Committee Room,
ICAR-National Bureau of
Agricultural Insect Resources,
P. B. No. 2491, H. A. Farm Post,
Ballari Road, Hebbal,Bengaluru-24
8. Address for Correspondence : ICAR-National Bureau of
Agricultural Insect Resources,
P. B. No. 2491, H. A. Farm Post,
Ballari Road, Hebbal,Bengaluru-24
9. In the event of the date mentioned above under Sl.No.6 declared as closed holiday for purchaser's office, the bid opening date will be the next working day at the appointed time.
10. All bids must be accompanied with Bid Security (EMD) in favour of ICAR Unit A/c NBAIR payable at Bengaluru in the form of Demand Draft.

11. The Director, ICAR-NBAIR, reserves the right to accept or reject any or all tenders without assigning any reasons thereof.
12. Online Bids are received only on CPP Portal website <https://eprocure.gov.in/eprocure/app>. The Tenderer will be at liberty to be present either in person or through an authorized representative at the time of opening of the Bid with the Bid Acknowledgement Receipt or they can view the bid opening event online at their remote end.

IMPORTANT NOTE:

- 1) Tender documents may be downloaded from Central Public Procurement Portal <https://eprocure.gov.in/eprocure/app>. Aspiring Bidders/ Suppliers who have not enrolled/registered in e-procurement should enroll/register before participating through the website <https://eprocure.gov.in/eprocure/app>. The portal enrolment is free of cost. Bidders are advised to go through instructions provided at Annexure-A regarding 'Instructions for online Bid Submission'.
- 2) Tenderers can access tender documents on the website, fill them with all relevant information and submit the completed tender document into electronic tender on the website <https://eprocure.gov.in/eprocure/app>.
- 3) Tenders and supporting documents should be uploaded through e-procurement. Hard copy of the tender documents will not be accepted.

Administrative Officer
ICAR-NBAIR, Bengaluru

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS

Sl. No.	Brief Description of Whole Genome Sequencing (WGS) / De-Novo assembly	
1	Organism	<u>Cotton leafhopper, <i>Amrasca biguttula biguttula</i></u>
2	Approximate genome size	1GB
3	Type of sequencing required	Genome sequencing
4	Technical requirement	<p>Paired – end data (300-500bp), 2X150bp, minimum of 100X coverage, at least 180 GB data in NovoSeq 6000 & output in Fastq format</p> <p>and</p> <p>Genome Sequencing in Pac Bio RS II, Polymerase read length \geq 10Kb, minimum of 75x coverage data & output in .bax .bas file and metadata file should be of at least 75 to 100 GB data.</p>

Detailed Technical Specifications for the whole genome sequencing:

Service providers interested to participate in the tender should provide its proposal based on the technical specifications given below;

1. Technology to be used: PacBio RS II / Sequel and NovoSeq 6000 (do not quote on old systems like GAIIx /NextSeq500/MiSeq)
2. Application: De novo Genome sequencing
3. Sample Type: Insect- Adult bugs
4. AMPure bead purification and BluePippin Size selection should be performed by service provider.
5. No of samples: Three (one for whole genome, 2 for transcriptome work)
6. Genome Size: 1000 Mb diploid genome
7. Pac Bio Library Type:
 - a. Please quote for 8 SMRT bell library of 30Kb
8. Illumina Library Type:
 - a. Short Insert Size-Six libraries (180, 350 and 500 bp) per sample, 100x coverage

- b. Large Insert Size library- Two libraries each of insert sizes 5Kb, 10Kb, 15Kb, 20Kb or more) per sample, 100x coverage
- 9. Read Length:
 - a. 10 to 15 Kb in case of PacBio
 - b. Illumina NovoSeq6000- 2x150bp
- 10. Data required:
 - a. PacBio-75X coverage
 - b. Illumina Short Insert size library-100x Coverage
 - i. 180bp: 50x
 - ii. 350bp: 30x
 - iii. 500bp: 20x
 - c. Illumina Novoseq sequencing on large insert size library: 80x Coverage
 - i. Higher coverage i.e >80x on large insert size library will be preferred covering 5kb to 20kb or more to improve the scaffolding of the assembled data.
- 11. Quality Control should be done as per following criteria
 - a. Quality control of Samples using Agilent Bioanalyser / Qubit
 - b. Bluepippin Size selection of PacBio templates
 - c. FASTQC per-base quality report with quality score of >Q30
 - d. Also report various standard quality parameters for assembly and annotation
- 12. Transcriptome sequencing of nymphal stage(2 samples): 30 - 40 mi reads, 2x150bp read length of illumina
- 13. Detailed methodology and analysis should be provided for both for genome and transcriptome sequencing:
 - a. DNA/RNA isolation, library preparation, sequencing, assemblies, annotation etc.
 - b. Softwares / pipelines used for different analysis
 - c. Primary Bioinformatics: Base Calling, Filtering, Trimming
 - d. Secondary Bioinformatics Analysis: Error correction and De novo Assembly using pacbio and illumina reads, Hybrid assembly, annotation
 - e. Final report should contain**
 - i. Statistics of raw reads
 - ii. Raw data QC with plots and statistics
 - iii. Statistics of clean and filtered reads
 - iv. Statistics after error correction. All supplemented with plots and phred quality score
 - v. De novo scaffold level assembly using Illumina data with intron, exon and CDS information, final information with all genomic coordinates
 - vi. De novo scaffold level assembly using Pacbio Data with intron, exon and CDS information
 - vii. Hybrid scaffolding library with acceptable contig N50 and Scaffold N50 sizes with genome coverage of more than 95 %
 - viii. Gap Filling
 - ix. Genome Polishing
 - x. Final scaffold should be of < 10,000
 - xi. CDS predication : fasta file, Predicated protein sequences (fasta file)
 - xii. Gene annotation (GO, KEGG, KOG analysis).
 - xiii. Genome Completeness analysis using both CEGMA and BUSCO analysis report with more than 95% capture of genes.

- xiv. Divergence time estimation dating
- xv. Submission of assemblies (contigs, scaffold), annotations, raw data and main analysis in public repositories.
- xvi. Synteny analysis with closely related species.

4. General Terms and Conditions

1. Access to Illumina and PacBio sequencing systems. - please provide evidence substantiating the arrangement. Proposal will be rejected without substantial proof of Illumina and Pacbio sequencing facility either in-house or access with in India.
2. Time lines to complete the project should be written clearly.
3. Quote should include price for Sample preparation, Quality control on Qubit, Blue pippin Size selection, Library Preparation, Quality control of Library, Sequencing and Bioinformatics analysis for one sample.
4. Please provide minimum 10 (Ten) purchase orders as a proof of working with government institutes where your services were used recently to generate eukaryotic de novo whole genome sequencing, Hybrid assembly data using PacBio RS II, Illumina PE, MP, Optical mapping, 10x genomics, Hi-C etc.
5. Preference will be given to service providers who have **experience of handling de novo and hybrid assembly of larger eukaryotic genomes on PacBio and Illumina**. Submit minimum 5 completion certificates from clients with SRA and Genebank IDs. Valid proof should be attached from reputed government institutes and corporates only.
6. Access to data storage and computing facility to undertake bioinformatic analysis for the project and subsequent storage of data (Min. 256 GB RAM, >25TB storage space). Proof should be provided.
7. Any tax including GST should be mentioned separately and will not be considered in price comparison.
8. Failure to submit quotation as per the technical specification may deprive the concerned firm from consideration.
9. Data should be delivered through secured server & HDD only. To maintain data confidentiality, firm should sign a confidentiality agreement.
10. Price should be quoted in prescribed format given below: Send separate technical and financial quotes for sequencing and bioinformatics analysis with turnaround time.
11. All the work to be carried out within India and ICAR-NBAIR is the sole proprietary for the generated data.

S. no	Heads	Details	No of Units	Compliance Report Yes/No
A. SEQUENCING				
1	Sample Preparation	gDNA isolation of more than 150Kb, Sample QC on Bioanalyzer, BluPippin Size Selection, AMPure Bead Purification	01	
2	Library Preparation-Illumina	Short Insert size library of 180, 350 and 500 Bp	06	
3	Library Preparation-Illumina	Large insert libraries of 5Kb, 10Kb, 15Kb and 20 Kb or more	08	
4	Library Preparation-PacBio	30Kb SMRT bell library	8	
5	Sequencing on PacBio RS II	75x Coverage	1	
6	Sequencing on Illumina NovoSeq6000	PE Library sequencing-100x Coverage and large insert library sequencing -80x	01	
7.	Transcriptome sequencing	30 - 40 mi reads, 2x150bp read length of illumina	03	
B	BIOINFORMATICS ANALYSIS	As per tender specs	01	

Sl.No	General Terms and Conditions	Proof enclosed Yes/No
1.	Access to Illumina and PacBio sequencing systems. - please provide evidence substantiating the arrangement. Proposal will be rejected without substantial proof of Illumina and Pacbio sequencing facility either in-house or access with in India.	
2.	Please provide minimum 10 (Ten) purchase orders as a proof of working with government institutes where your services were used recently to generate eukaryotic de novo whole genome sequencing, Hybrid assembly data using PacBio RS II, Illumina PE, MP, Optical mapping, 10x genomics, Hi-C etc.	
3.	Preference will be given to service providers who have experience of handling de novo and hybrid assembly of larger eukaryotic genomes on PacBio and Illumina . Submit minimum 5 completion certificates from clients with SRA and Genebank IDs. Valid proof should be attached from reputed government institutes and corporates only	
4.	Access to data storage and computing facility to undertake bioinformatic analysis for the project and subsequent storage of data (Min. 256 GB RAM, >25TB storage space). Proof should be provided	
5.	Valid Authorization letter/certificate of service provider	
6.	Copy of Registration Certificate	
7.	Copy of PAN card	
8.	Scanned copy of Tender Acceptance letter	

11. GST charges should be mentioned separately.

1. Bioinformatics order will be placed to company after completion of sequencing work.
2. Detailed technical details with Library and sequencing Protocols to generate this data should be included. Description of work approach methodology and work plan with timelines should be shared. Scientifically superior methodology with specific details and references should be shared using above technologies only.
3. The final result of the sequencing and annotation will be verified by a committee appointed by competent authority and payment will be made only after satisfactory completion of the work subject on competent authority.
4. Purchase orders and payment will be released in two phases for sequencing and analysis.
5. Project should be completed within **1st week of March-2018** of assignment of job (from sample preparation to assembly, annotations and final reports in publishable formats).
6. No advance or part payment will be given. Payment will be arranged only after satisfactory completions of the sequencing service duly certified by the Scientists of Division of Genomic Resources ICAR-NBAIR.
7. Penalty will be imposed at 0.5% per week maximum to 10% of the total cost of the sequencing service, if the sequencing services are not completed within scheduled time or mutually extended period. The **Director, ICAR-NBAIR**, may cancel the

contract and take resources to such other action as deemed appropriate once the total amount of liquidated damages exceeds 10% of the contract amount.

TERMS AND CONDITIONS

1. Introduction:-

This invitation of tender is for Whole Transcriptome Sequencing Services for four Insect Samples.

2. Amendment of tender documents:-

- (a) At any time prior to the last date of submission of tenders, the Purchaser, for any reason may modify the tender document by suitable amendment(s).
- (b) In order to allow prospective Bidders reasonable time to take the amendment(s) into account in preparing their Bid documents, the Purchaser, at her discretion, may extend the last date of submission of the Bid documents.

3. Documents comprising the bid:-

The bids prepared by the Bidder shall comprise the following components: -

Submission of bids:

a. Part A: -Technical & Commercial bid: -

- i. Valid Authorization letter/certificate of service provider.
- ii. Please provide minimum 10 (Ten) purchase orders as a proof of working with government institutes where your services were used recently to generate eukaryotic de novo whole genome sequencing, Hybrid assembly data using PacBio RS II, Illumina PE, MP, Optical mapping, 10x genomics, Hi-C etc.
- iii. Copy of work orders of **Whole Genome sequencing services**.
- iv. Copy of Registration Certificate.
- v. Copy of PAN card.
- vi. Scanned copy of Tender Acceptance letter.

The above items are essential for qualified bidders, failing which the bid will be treated as non-responsive.

b. Part B: Price Bid:

- i. Price should be quoted as per the attached BOQ, failing which the bid will be disqualified.
- ii. Bidding multiple rates for one item will disqualify the bid.
- iii. Conditional bid will be treated as non-responsive.

4. Bid Security (Earnest Money):-

- i. The Bidders shall furnish, as a part of the tender, Bid Security as under.
- ii. The Bid security is required to protect the purchaser against the risk tenderers conduct which would warrant the security's forfeiture.
- iii. The Bid Security shall be in one of the following forms:
 - a. **A Demand Draft of ₹ 1,00,000/- in favour of "ICAR Unit A/C-NBAIR" Payable at Bengaluru should be submitted.**
 - b. The Original Bid Security (EMD) should be posted/couriered/submitted in person to the Director, ICAR-NBAIR, Bengaluru.
 - c. Any tender not accompanied with Bid Security will be rejected.
 - d. Unsuccessful bidders Bid Security will be discharged or returned as promptly as possible as but not later than ninety (90) days from the date of opening of bids.
 - e. The successful bidder's Bid Security already deposited shall be released after receipt of security deposit (Performance Security), upon signing the contract

and furnishing the Security Deposit. The Performance Security should be equivalent to 5% of total supply order value.

f. The EMD is exempted if the firm is registered with SSI/NSIC.

iv. The Bid Security may be forfeited:-

a. If a Bidder withdraw his tender during the period of tender validity specified by the Bidder on the Tender Form;

OR

b. In case of a successful Bidder, if the Bidder (i) fails to sign the contract or (ii) to furnish Security Deposit.

5. Period of Validity of Tenders:-

- i. Validity of Tenders shall be 180 days after the date of opening of Bids. A tender valid for a shorter period shall be rejected by the Purchaser as non-responsive.
- ii. In exceptional circumstances, the Purchaser may solicit the Bidders consent to an extension of the period of validity. The request and the responses thereto shall be made in writing.

6. Last date of submission of tenders:-

Bidders should submit their bids online at <https://eprocure.gov.in/eprocure/app> on or before bid submission closing date & time as mentioned above.

7. Opening of Tenders by the Purchaser:-

- i. The Purchaser will open all the Bids online at **15.00 hours on 03/10/2018** in the Committee Room, ICAR-NBAIR, Bengaluru, in the presence of Bidders or their authorized representatives who choose to be present at the time of opening with the Bid Acknowledgement Receipt or they can view the bid opening event online at their remote end.
- ii. In case the date of opening happens to be a closed holiday, the tenders will be opened at 11.30 hours on the next working day.

8. Clarification of Tenders and Contacting the Purchaser for clarification of Tenders

- i. During evaluation of the tenders, the Purchaser may at its discretion, ask the Bidder for clarification of his tender. The request for clarification and the response shall be in writing and no change in the prices or substance of the tender shall be sought, offered or permitted.
- ii. No Bidder shall contact the Purchaser on any matter relating to his tender from the time of the tender opening to the time the contract is awarded. If the bidder wishes to bring additional information to the notice of the Purchaser, the same should be done in writing.
- iii. Any effort by the Bidder to influence the Purchaser in the Purchaser's tender evaluation, tender comparison or contract award decisions may result in the rejection of the Bidders' Bid.

9. Preliminary Examination

The Purchaser will examine the tenders to determine whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the tenders are generally in order.

- i. The Purchaser may waive any minor informality, nonconformity, or irregularity in a tender, which does not constitute a material deviation, provided it does not prejudice or affect the relative ranking of any Tenderer.

- ii. Prior to the detailed evaluation, the Purchaser will determine the substantial responsiveness of each tender with reference to the Tender Documents without material deviation.
- iii. If the tender is not substantially responsive, it will be rejected by the Purchaser and may not subsequently be made responsive by the bidder by correction of the nonconformity.
- iv. Tenders qualifying by such vague and indefinite expression such as “subject to immediate acceptance” “subject to prior sale” and conditional tenders will not be considered.
- v. The taxes applicable should be mentioned invariably.

10. Evaluation and Comparison of Tenders

- i. The Purchaser will evaluate and compare the tenders, which have been determined to be substantially responsive.
- ii. Rates should be quoted F.O.R. at ICAR-NBAIR, Hebbal, Bengaluru. Taxes and other incidentals should be included in the price. L-1 bidder will be determined on the basis of cost inclusive of all taxes out of the substantially responsive bidders. Taxes if any should be mentioned properly.

11. Contacting the Purchaser

- i. No Bidder shall contact the purchaser on any matter relating to the tender, from the time of the tender opening to the time contract is awarded.
- ii. Any effort by Tenderer to influence the Purchaser in its decisions on tender evaluation, tender comparison, or contract award may result in the rejection of the bidders offer.

12. Award Criteria:-

The purchaser will award the contract to the successful Tenderer whose tender has been determined to be substantially responsive and the lowest for sequencing service, provided further that the Tenderer is determined to be qualified to perform the contract satisfactorily.

13. Purchaser’s Right to accept any Tender and to Reject any or all Tenders:-

The Purchaser reserves the right to accept or reject any tender, and to annul tender process and reject all tenders at any time prior to contract award, without thereby incurring any liability to the affected Tenderer or Bidders or any obligation to inform the affected Tenderer or Bidder of the grounds for the Purchaser's action.

14. Notification of award:-

- i. Prior to the expiration of the period of tender validity, the purchaser will notify the successful bidder(s) online.
- ii. The Work Order for Sequencing service will be awarded to the Successful bidder after finalization of tender.

15. Standards:-

Literature relating to the offered material should be enclosed along with the bid in the sealed cover.

16. Inspection:-

The inspection of the stores will be conducted by the consignee or his authorized representative at the consignee’s place. In case the material is not found in accordance with

the prescribed specifications or otherwise defective, it will be rejected and will have to be replaced by the supplier at their risk & cost.

17. Delivery:-

Delivery of stores to the consignees should be completed within 30 days from the date of placing the work order from time to time.

18. Transportation:-

The cost of transportation shall have to be borne by the bidder.

19. Warranty

- i. The Supplier warrants that the Goods supplied under this Contract are new, unused, of the most recent or current models. The Supplier further warrants that all Goods supplied under this Contract shall have no defect arising from design, materials or workmanship (except when the design and/or material is required by the Purchaser's Specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.
- ii. The Purchaser shall promptly notify the Supplier in writing of any claims arising under this warranty.
- iii. Upon receipt of such notice, the Supplier shall, within the period specified in the Terms and conditions with all reasonable time, repair or replace the defective Goods or parts thereof, without cost to the Purchaser.
- iv. If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in the Terms and conditions, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

20. Payment:-

- i. No advance payment shall be made.
- ii. Payment will be made by e-payment or electronic transfer, for which, the firm should provide bank & branch name, its IFS Code and Account number as per the proforma for arranging payment. The payment will be made after satisfactory completion of work. The supplier will furnish manufacturer's Test Certificate, Original invoice along with challan to the consignee.
- iii. The supplier should furnish details in the "RTGS format" for e-Payment.

21. Subcontracts:-

The supplier shall notify the purchaser in writing of all subcontracts awarded under this contract, if not already specified in the tender. Such notification, in the original tender or later, shall not relieve the supplier from any liability or obligation under the contract.

22. Delays in the Supplier's Performance:-

- i. Delivery of the material shall be made by the Supplier in accordance with the time schedule prescribed by the purchaser in the work order.
- ii. If at any time during performance of the contract, the supplier or his sub contract(s) should encounter conditions impeding timely delivery of the goods and performance of services, the supplier shall promptly notify the purchaser in writing of the fact of the

delay, its likely duration and its cause(s). As soon as practicable after receipt of the supplier's notice, the purchaser shall evaluate the situation and may at his discretion extend the supplier's time for work.

23. Liquidated Damages:-

If the supplier fails to deliver any or all of the goods or to perform the services within the time period(s) specified in the contract, the Purchaser shall, without prejudice to other remedies under the contract, deduct from the contract Price, as liquidated damages, an amount equivalent to 0.25% of the delivered price of the delayed goods for each week of delay or part thereof (subject to the ceiling of 10% per annum) beyond the original contract delivery date/the last unconditionally re-fixed delivery date (as & if applicable) will be recovered as liquidated damages.

24. Termination for Default:-

- i. The Purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part.
- a. If the supplier fails to deliver any or all of the goods/ services within the period(s) specified in the contract, or within any extension thereof granted by the purchaser;
OR
- b. If the supplier, in the judgment of the purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
- ii. In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner, as it deems appropriate, goods or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods. However, the supplier shall continue performance of the contract to the extent not terminated.

25. Termination for Insolvency:-

The purchaser at any time may terminate the contract by giving written notice to the supplier if the supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the supplier, provided that such termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue thereafter to the purchaser.

26. Termination for Convenience:-

- i. The purchaser, by written notice sent to the supplier, may terminate the contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the purchaser's convenience, the extent to which performance of the supplier under the contract is terminated, and the date upon which such termination becomes effective.
- ii. The Goods/service that are complete and ready for dispatch within thirty (30) days after the supplier's receipt of notice of termination shall be accepted by the purchaser at the Contract terms and prices. For the remaining Goods/service, the Purchaser may elect:
 - a. To have any portion completed and delivered at the contract terms and prices;
and/or

- b. To cancel the remainder and pay to the supplier an agreed amount for partially completed stores.

27. Resolution of Disputes:-

In case of any dispute, the matter shall be referred to court having their jurisdiction at Bengaluru only.

28. Taxes and Duties:-

The supplier shall be entirely responsible for payment of all the taxes like VAT, Sales Tax etc. The consignee will furnish necessary certificate for Road permit and exemption of Octroi when ever applicable at the request of supplier as the stores is meant for use by the Govt. Department and not for sale.

Instructions for Online Bid Submission:

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

1. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “Online bidder Enrollment” on the CPP Portal which is free of charge.
2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3. 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.
4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify/TCS/nCode/eMudhra etc. but not limited to), with their profile.
5. 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 DSC’s to others which may lead to misuse.
6. 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

1. 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.
2. 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.
3. 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 Helpdesk.

PREPARATION OF BIDS

1. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
2. 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.

3. 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 / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
4. 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” or “Other Important Documents” area 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

1. Bidder should log into the site well in advance for bid submission so that they can 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.
2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
3. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the white colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
4. The server 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.
5. 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. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener’s public keys. Overall, the

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

6. Upon the successful and timely submission of bids (i.e. after Clicking “Freeze Bid Submission” in the portal), 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.
7. 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.
8. The scanned copies of following documents must be submitted with the online bid in two packets:

The Packet-1 should contain documents as per list in Para 5.1 (Technical Bid)

The Packet-2 should contain Price Bid / BOQ

ASSISTANCE TO BIDDERS

1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority or the relevant contact person indicated in the tender.
2. 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 number for the helpdesk is 1800 233 7315. Foreign bidder can get help at +91-79-40007451 to 460.

TENDER FORM, PRICE
SCHEDULE AND OTHER
FORMATS

**TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)**

Date:

To,

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Name of Tender / Work: _____

Dear Madam/Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely: _____ as per your advertisement, given in the above mentioned website(s).
2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s), etc.), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organization too has also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.
5. I/We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.
6. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

BID SECURITY FORM

Whereas _____ (hereinafter called “the Tenderer”) has submitted its tender dated _____ (Date of submission of tender) for the work of _____ (name and/or description of the goods) hereinafter called “the Tender”)

KNOW ALL PEOPLE by these presents that WE _____ (Name of Bank) of _____, having our registered office at _____ (address of Bank) (hereinafter called “the Bank”) are bound up to _____ (Name of purchaser) (hereinafter called “the purchaser”) in the sum of Rs..... (As per clause 6.1) for which payment well 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 of _____ 2018

The conditions of this obligation are:

1. If the Tenderers withdraws his Tender during the period of tender validity specified by the Tenderers son the Tender Form; or
2. If the Tenderers, having been notified of the acceptance of its tender by the purchaser during the period of tender validity:

Fails or refuses to furnish the Security Deposit, in accordance with the Instruction to Tenderers,

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 of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including ninety (90) days after the period of the tender validity and any demand in respect thereof should reach the Bank not later than the above date. -----

(Signature of the Bank)

SECURITY DEPOSIT FORM
(To be Submitted by successful bidder)

To: _____ (Name of Purchaser)

WHEREAS _____ (Name of supplier)

(Hereinafter called the “the Supplier”) has undertaken, in pursuance of contract No. _____ dated _____ 2018 _____ to work _____ (Description of Goods and Services) hereinafter called “the contract”.

And whereas it has been stipulated by you in the said contract that the Supplier shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with the supplier’s performance obligations in accordance with the contract.

And whereas we have agreed to give the supplier a Guarantee:

Therefore we hereby affirm that we are Guarantors and responsible to you, on behalf of the supplier, up to a total of (Amount of the Guarantee in Words and Figures) and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the contract and without cavil or argument, any sum or sums within the limit of (amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the _____ day of _____ 2018 _____

Signature and Seal of Guarantors

Date _____ 2018 _____

Address _____