



KERALA WATER AUTHORITY

Jalabhavan
Thiruvananthapuram – 695033
Kerala – India

PROCEEDINGS OF THE MANAGING DIRECTOR

Sub:- Automation of Vertical Turbine pumps in Kerala Water Authority- Implementation of Phase 1 (Stage2), part under Rebuild Kerala Initiative - Supply, installation, trial run and commissioning of Control Module for remote operation of pumping stations -
Sanction accorded - Reg

No: 6296/AE1(OPERATIONS)/2022/KWA

Dated: 19.04.2022

- Read:-
1. G.O.(Rt)No.74/2022/P&EA dated 03-03-2022.
 2. This office proceedings of even No. dated 15/03/2022, 23/03/2022, 30/03/2022 & 04-04-2022
 3. This office letter No. 11112/AE1(OPERATIONS)/2019/KWA dated 24/03/2021.

Vide read (3) cited above, proposals have been called from regional offices to submit the details of remaining pump houses that is to be automated. 402 submersible pumps and 416 VT pumps identified, and proposal placed for automation under Phase I (stage1 and 2) under RKI. Also gaps in the infrastructure i.e., reserve control module, facility for disinfection arrangements, surveillance etc has also been submitted in the proposal and the same approved.

Vide read (1) above, Government has accorded sanction for Phase 1 (Stage 1 & 2) of the Automation of pump houses of KWA at an estimated cost of Rs. 11.42 crore (Rupees Eleven crore and Forty-two lakh only) under the Rebuild Kerala Initiative. Vide proceedings dated 15-03-2022, 23-03-2022, 30-03-2022, and 04-04-2022 of read (3) cited above, sanction has been accorded for automation of 402 submersible pumps, purchase of Reserve Mobile Operated GSM Module/controller, disinfection dosing and surveillance mechanism of automated stations, for a total amount of Rs 3.9446crore, thus completing sanction of Phase 1, Stage 1 works.

Now proposal put up for Administrative Sanction for the automation of 416 no's Vertical Turbine pump, Phase 1, stage 2, which is shown in **Annexure I** below for an amount of ₹ 624,00,000/-. The total admissible amount for automation of Vertical Turbine is 1.5lakhs/Each (detailed specification is shown in **Annexure II**). It may be noted that the system should have 5-year warranty and should be clearly specified in bid documents. The communication platform should be universal and sample report log (fault and run) is also



attached in Annexure for ref.

Sample Bid document for custom bid in GeM is shown in **Annexure III** for reference. As the system is to be installed in higher capacity pumps, which are catering to a larger population, utmost care may be taken in ensuring safety of the system (pump and motor), while going for automation. The system should report error logs (format attached) and shall be capable of further integration with SCADA. The detailed specification attached herewith may be followed, and any site specific changes required may be incorporated accordingly. Modification may be made if required in the conditions of contract as the sample shown in Annexure is only for reference purpose.

Hence sanction is hereby accorded for automation of 416 no Vertical Turbine pumps for a total cost of Rs 624,00,000/- under budget provision H/A 5475-00-115-94-Post flood projects under Rebuild Kerala Initiative(P), as per GO(Rt) No. 74/2022/P&EA Thiruvananthapuram, Dated 03-03-2022. The Technical Sanction for the above may be given according to delegation of powers and the purchase may be effected immediately and claim may be submitted at the earliest. The following general guidelines are issued for strict compliance.

1. The work shall be completed by all respects before 31/10/2022.
2. The bills shall be raised as per the procedure prescribed for RKI and the expenditure regarding the project will be debited to the budget provision under H/A 5475-00- 115-94-Post flood Projects under Rebuild Kerala Initiative (P).
3. The estimate taken for AS (Rs. 1,50,000/- each) is the maximum allowable and shall not be exceeded.
4. The details of work to be entered in PASK and the progress to be updated on regular basis.
5. The Executive Engineers shall closely monitor the progress and ensure that the works are completed on time.

Sd/-
Venkatesapathy S. IAS
Managing Director

To

The Chief Engineer
Southern/Central/Northern Region
Kerala Water Authority
TVPM/Kochi/Kozhikkode.

Copy To

1. FM&CAO, All SEs/ALL EEs
2. EE to MD, AE to TM, PA to AM, DCE PIU 1,2,3,4/Secretary, AEE IT.





The document is digitally approved. Hence signature is not needed.

ANNEXURE 1**Division wise details of amount allotted, DOC, Person responsible**

SI No	Name of Division	No. of Units	Amount in ₹	Date of Completion	Person Responsible
1	Tvm PH South	12	18,00,000	31-10-2022	Exe. Engineer
2	Neyyattinkara	2	3,00,000	31-10-2022	Exe. Engineer
3	Attingal	14	21,00,000	31-10-2022	Exe. Engineer
4	Kollam	2	3,00,000	31-10-2022	Exe. Engineer
5	Kottarakkara	16	24,00,000	31-10-2022	Exe. Engineer
6	Kottayam	1	1,50,000	31-10-2022	Exe. Engineer
7	Kaduthuruthy	9	13,50,000	31-10-2022	Exe. Engineer
8	Pathanamthitta	57	85,50,000	31-10-2022	Exe. Engineer
9	Thiruvalla	39	58,50,000	31-10-2022	Exe. Engineer
10	Aluva	70	1,05,00,000	31-10-2022	Exe. Engineer
11	Muvattupuzha	22	33,00,000	31-10-2022	Exe. Engineer
12	Thodupuzha	23	34,50,000	31-10-2022	Exe. Engineer
13	Thrissur	4	6,00,000	31-10-2022	Exe. Engineer
14	Irinjalakuda	44	66,00,000	31-10-2022	Exe. Engineer
15	Palakkad	11	16,50,000	31-10-2022	Exe. Engineer
16	Malappuram	37	55,50,000	31-10-2022	Exe. Engineer
17	Kozhikode	5	7,50,000	31-10-2022	Exe. Engineer
18	Edappal	6	9,00,000	31-10-2022	Exe. Engineer
19	Sulthan Bathery	31	46,50,000	31-10-2022	Exe. Engineer
20	Kannur	11	16,50,000	31-10-2022	Exe. Engineer
	Total	416	6,24,00,000		



ANNEXURE II

(a) Sample Specification

It is required to automate the start, stop, monitor the operation of VT pump taking care of protection features in situation like over voltage, under voltage, phase changes, single phasing, overload and situations like impeller jam, air lock, foot valve blocked, sump dry. The system should suit for different type of starters like VFD, Soft starter, FCMA, Star-Delta etc*. the input supply to the drive is through 440v, 3.3kv, 6.6kv or 11kv, controlled by substations and transformers. The added system shall not interfere with the working of starters negatively and should be of externally fitting type. The communication shall be based on GSM and remote operation communication, system status communication should be made available for at least 2 users and to HMI dashboard. The pump should be controlled to start in step-by-step mode in rpm increase, without causing over current flow/huge rise in ampere (Delivery valve in full open mode with NRV/reflux valve). The system may communicate the status including the number of pumps in operation under an office, running hours, idling time, error logs etc. The new system should go in hand with the future integration with PLC/SCADA and should follow standard universal protocol in communication between systems, so that the pump shall be configurable in the PLC/SCADA and operation updates shall be visible in the HMI of the SCADA System. The system should have a warranty of 5 years.

Sample reporting form is shown below.



(b) Format of reporting-status and error in VT Pump Operation**

Pump Id	Status (ON/OFF)	Running time (Date, time)		Cumulative running time hrs	Error Log					
		From	To		Voltage Fluctuation	Phase changes	sump/well dry	impeller/foot valve block	Motor fault	others

*Field specific corrections may be applied as per site conditions and compatibility

** Other conditions in error log may be pump fault, temperature rise, excess vibration etc. Sensing and communicating these parameters would be an added advantage



ANNEXURE III

Steps for Custom Bidding in GeM (for more details visit <https://gem.gov.in>)

Step 1: Create Gem Availability report (GAR).

Step 2: Create Custom Catalogue (here add spec).

Step 3: Add Details- Bid duration, opening, closing, QA Plan, turnover, experience, upload document related to competent Authority Approval Document.

Step 4: EMD/EPBG Detail-EMD -NO, EPBG 3%.

Step 5: Splitting.

Step 6: Terms and Conditions- add scope, warranty OEM, generic details.

Step 7: Verify and publish.



Sample Bid Document GeM (for information)

Bid Details	
Bid End Date/Time	XX-XX-2022 14:00:00
Bid Opening Date/Time	XX-XX-2022 14:30:00
Bid Life Cycle (From Publish Date)	XX (Days)
Bid Offer Validity (From End Date)	XX (Days)
Ministry/State Name	Government of Kerala
Department Name	Water Resources Department
Organisation Name	Kerala Water Authority
Office Name	PH/WS Division
Item Category	Custom Bid for Services Automation of VT Pumps for remote operation (Drinking Water)
Contract Period	x Month(s)
MSE Exemption for Years of Experience and Turnover	Yes/No
Startup Exemption for Years of Experience and Turnover	Yes/No
SHG Exemption for Years of Experience and Turnover	Yes/No
Document required from seller	Experience Criteria, Bidder Turnover, Certificate (Requested in ATC), Additional Doc 1 (Requested in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 3 (Requested in ATC), Additional Doc 4 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	Yes/No
Time allowed for Technical Clarifications during technical evaluation	Xx Days
Evaluation Method	Total value wise evaluation

EMD Detail

Required	Yes/No
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ePBG Detail

Advisory Bank	XXXXX Bank
ePBG Percentage(%)	x
Duration of ePBG required (Months).	x

(a). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

EXECUTIVE ENGINEER

Bank Name: XXXX BANK LTD Branch Name: XXXXBranch Address: -----, -, PIN – 69---- Banker Account No.: XXXXXXXX Type of Account: Current Account IFSC Code: XXXXXXXX MICR Code: XXXX SWIFT Code: XXXXXX

Splitting

Bid splitting not applied.

MSE Purchase Preference

MSE Purchase Preference	Yes
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Additional T&C (for reference)

(Separately attached)

1. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, XXX dated XXXXX issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference for services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered service. If L-1 is not an MSE and MSE Service Provider (s) has/have quoted price within L-1+ XX% of margin of purchase preference /price band defined in relevant policy, then 100% order quantity will be awarded to such MSE bidder subject to acceptance of L1 bid price.
2. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also, this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

Additional Qualification/Data Required

Introduction about the project /services being proposed for procurement using custom bid functionality

Instruction To Bidder:



Qualification Criteria (PQC) etc if any required:

Scope of Work:**Special Terms and Conditions (STC) of the Contract: Service****Level Agreement (SLA):****Payment Terms:**_____**GEM Availability Report (GAR):**_____**Any other Documents As per Specific Requirement of Buyer -1:****Custom Bid For Services – Automation of VT pump for remote operation.****Technical Specifications**

Specification	Values
Core	
Description /Nomenclature of Service Proposed for procurement using custom bid functionality	Hiring of Services for Automation of VT pumps for remote operation in water supply using controller installed at Pump House using GSM communication.
Regulatory/ Statutory Compliance of Service	YES
Compliance of Service to SOW, STC, SLA etc	YES
Addon(s)	

Additional Specification Documents**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/ Reporting Officer	Address	Quantity of Procurement (to be chosen 1 in all circumstanc e s)	Additional Requirement
1	EE	---XXXXX---	X no	N/A

Buyer Added Bid Specific Terms and Conditions**1. Generic**

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

2. Generic

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

3. Certificates

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

4. Forms of EMD and PBG

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of xxxxx payable after award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within xx days of award of contract.



5. Forms of EMD and PBG

Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of xxxx A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

6. Forms of EMD and PBG

Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name xxxxx Account No. xxxxx IFSC Code xxxxxx Bank Name STATE BANK OF INDIA Branch address xxxxxx. Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within xxxx days of award of contract.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid.

Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. If any seller has any objection / grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

This Bid is governed by the [General Terms and Conditions](#), conditions stipulated in Bid and [Service Level Agreement](#) specific to this Service as provided in the Marketplace. However in case if any condition specified in General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement, then it will over ride the conditions in the General Terms and Conditions.

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.



Introduction about the project/services being proposed for procurement using custom bid functionality.

The Project in brief is about the remote operation of Vertical Turbine pumps, through GSM communication platform in Kerala Water Authority, which is used for the transmission of raw and clear water, taking into account the safety of associated pump and Motor and to display in dash board the status of operation and faults. The control of operation is to be vested in at least two controlling officer for monitoring and control.

Instruction to bidder

- a. All information supplied by Bidders may be treated as contractually binding on the Bidders, on successful award of the assignment by KWA on the basis of this RFP
- b. No commitment of any kind, contractual or otherwise shall exist unless and until a formal written contract has been executed by or on behalf of KWA. Any notification of preferred bidder status by the KWA shall not give rise to any enforceable rights by the Bidder. KWA may cancel this public procurement at any time prior to a formal written contract being executed by or on behalf of the KWA.
- c. Bidders should sign a Bid securing declaration accepting that if they withdraw or modify their Bids during the period of validity, or if they are awarded the contract and they fail to sign the contract, or to submit a performance security before the deadline defined in the bid document, they will be suspended for the period of time specified in the request for bids document from being eligible to submit Bids for this contract with KWA
- d Bidders are advised to study all instructions, forms, requirements, annexures and other information in the RFP documents carefully. Submission of the bid shall be deemed to have been done after careful study and examination of the RFP document with full understanding of its implications.
- e Failure to comply with the requirements of this paragraph may render the Proposal non-compliant and the Proposal may be rejected.
- f At any time prior to the last date for receipt of bids, KWA may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the RFP Document by a corrigendum
- g The Corrigendum (if any) & clarifications to the queries from all bidders will be posted on the <https://gem.gov.in> and emailed to all participants of the pre-bid conference.
- h. Any such corrigendum shall be deemed to be incorporated into this RFP
- i. In order to provide prospective Bidders reasonable time for taking the corrigendum into account, KWA may, at its discretion, extend the last date for the receipt of Proposals.
- j. KWA may terminate the RFP process at any time and without assigning any reason. KWA makes no commitments, express or implied, that this process will result in a business transaction with anyone.
- k. The bidder must ensure that the bid is digitally signed by the Authorized Signatory of the bidding firm and has been duly submitted within the submission timelines. KWA will in no case be responsible if the bid is not submitted online within the specified timelines.



Scope of work (Mandatory)

Scope of the works includes Supply, installation, commissioning & testing of automation system for pumphouses and real time monitoring of the working of pumps without resorting to any manual methods. Proposed Automation system shall be designed, manufactured, installed and tested to ensure the high standards of operational reliability. Instruments mounted in field and on panels shall be suitable for continuous operation. All electronic components shall be adequately rated and circuits shall be designed so that change of component characteristics shall not affect pump operation.

- Control the pump (ON/OFF) from local panel as well as remotely.
 - Pump can be programmed to start if water is below a set level and turned off if reached to set level
 - The pump can also be operated on fixed time basis daily, or in other words pumping hours can be set according to demand 24X7.
 - In case of over current, Phase change and under voltage/over voltage the pump can be turned off.
 - Monitor the pumping time
 - Monitor the Voltage, current, frequency
 - The communication shall be GSM based
- i. For automation of VT pumps, work order will be issued to the contractor and the contractor must start the work within 02(two) weeks from the date of issue of work order.
 - ii. The contractor shall arrange all required materials including fittings, tools etc to the site at their own arrangement.
 - iii. KWA will not provide additional labour for the work.
 - iv. The work must be started after discussing with the Assistant Engineer concerned, without affecting the water supply and as per prepared schedule(jointly)
 - v. All safety precautions shall be taken and electrical works to be carried out as per IE rules and work site should be handled neat and clean.
 - vi. The preliminary works and the proposed work are to be briefed to the AE/Overseer/Head Operator/Operator well in advance.
 - vii. Trial run should be conducted in presence of Assistant Engineer. Requisite safety precautions should be taken before trial run so as prevent damages to Pump/Motor/Starter.
 - viii. Trouble shooting and Operation of the system should be elaborated to the Operating staff
 - ix. The work should have a warranty of 5 years.

Payment terms (Mandatory)

The payment made by the KWA shall be subject to deduction of penalties, if any, and statutory deductions such as TDS, etc upon successful completion of the installation and trial running(70%),balance 30% at the end of warranty period.



Quantifiable specification/standards of the service/BOQ

It is required to automate the start, stop, monitor the operation of VT pump taking care of protection features in situation like over voltage, under voltage, phase changes, single phasing, overload and situations like impeller jam, air lock, foot valve blocked, sump dry. The system should suit for different type of starters like VFD, Soft starter, FCMA, Star-Delta etc*. the input supply to the drive is through 440v, 3.3kv, 6.6kv or 11kv, controlled by substations and transformers. The added system shall not interfere with the working of starters negatively and should be of externally fitting type. The communication shall be based on GSM and remote operation communication, system status communication should be made available for at least 2 users and to HMI dashboard. The pump should be controlled to start in step-by-step mode in rpm increase, without causing over current flow/huge rise in ampere (Delivery valve in full open mode with NRV/reflux valve). The system may communicate the status including the number of pumps in operation under an office, running hours, idling time, error logs etc. The new system should go in hand with the future integration with PLC/SCADA and should follow standard universal protocol in communication between systems, so that the pump shall be configurable in the PLC/SCADA and operation updates shall be visible in the HMI of the SCADA System. The system should have a warranty of 5 years.

Sample reporting form is shown below.



(b) Format of reporting-status and error in VT Pump Operation**

Pump Id	Status (ON/OFF)	Running time (Date, time)		Cumulative running time hrs	Error Log					
		From	To		Voltage Fluctuation	Phase changes	sump/well dry	impeller/foot valve block	Motor fault	others

*Field specific corrections may be applied as per site conditions and compatibility

** Other conditions in error log may be pump fault, temperature rise, excess vibration etc. Sensing and communicating these parameters would be an added advantage

Pre-qualification criteria (PQC)

SI No	Basic Requirements	Specific Requirements	Documents required
1	Sales Turnover	The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be Rs. 50 lakhs	Certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant/ Cost Accountant indicating the turnover details for the relevant period
3	Experience of Similar Services	The bidder must have experience of 1 year (prior to the bid opening) of providing similar types of services to any Central/ State Govt. Organization/ PSU/ Public Listed Company The Bidder must have successfully executed/ completed at least 1 numbers of similar engagements with any Ministry/ Department of Central/ State Government, in India, in the past 3 year.	Copies of relevant contracts/ orders to be uploaded along with bid in support of having provided services during each of the Financial year.
4	Consortiums and subcontracting	Bidder should be an individual organization. Consortiums and subcontracting are not allowed.	
5	Legal Entity	Should be Company registered under Companies Act, 1956 or a partnership firm registered under LLP Act, 2008, an MSME Registered with the Service Tax Authorities Should have been operating for the last one year.	Copy of Certificate of Incorporation; and Copy of Service Tax Registration Certificate
	Manpower Strength	Should have more than 5	Self-Certification by the





			authorized signatory
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Sample Additional Terms and Conditions

1. Bidder financial standing: The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.
2. Bidders shall quote only those products in the bid which are not obsolete in the market and has at least 3 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.
3. Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regard. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.
4. Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.
5. Experience Criteria: The Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for 1 years before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.
6. Except with the written consent of the Buyer, the participating bidders shall not disclose any technical specifications, plan, drawings, pattern, or information thereof, to any third party, unless the same is already available in Public Domain.
7. Installation, Commissioning, Testing, Configuration, Training (if any - whichever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorized Reseller.
8. Malicious Code Certificate: The seller should upload following certificate in the bid:- (a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :- (i) Inhibit the desires and designed function of the equipment. (ii) Cause physical damage to the user or equipment during the exploitation. (iii) Tap information resident or transient in the equipment/network. (b) The firm will be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.
9. PAST PERFORMANCE CRITERIA: In respect of the filter applied for Past Performance Criteria, the Bidder or its OEM {themselves or through reseller(s)} should have supplied same or similar Category Products for quantity as indicated in the bid document, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts to be submitted along with bid in support of quantity supplied in the relevant year.
10. 1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
11. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
12. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.
13. Upload Manufacturer authorization: Wherever Authorized Distributors are submitting the bid, Manufacturers Authorization Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone 4 / 6 No. required to be furnished along with the bid.
14. Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:
 - a. The Seller fails to comply with any material term of the Contract.
 - b. The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
 - c. The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
 - d. The Seller becomes bankrupt or goes into liquidation. v) The Seller makes a general



assignment for the benefit of creditors.

- e. A receiver is appointed for any substantial property owned by the Seller.
 - f. The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.
15. While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.
 16. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods and warranty for 5 years
 17. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
 18. The OEM should have proven facilities for Training, repair, and Service Center Support in India at least for past one year. In case OEM is located outside India, it should have training, repair, and service center facilities in India also. The certificates/ Undertaking for the same will have to be submitted offline/online.
 19. Indian suppliers of this item are not allowed to participate and/ or compete in procurement by some foreign governments. Bidders / products from such countries are not eligible / not allowed to participate in this bid in terms of clause 1 (d) of Public Procurement (Preference to Make in India) Order, 2017
 20. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 20% of total value (Amendments if any will be applicable).
 21. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 20% of total value.
 22. Preference to Make In India products: Preference shall be given to local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a local supplier, should be as per relevant notification / order issued by the nodal ministry as available on the website of Department of Promotion of Industries and Internal Trade (DPIIT). If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 29.5.2019.
 23. Preference to Make In India products (For bids less than 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal



Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document 50%. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, 5 / 6 the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

24. Availability of Service Centers: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
25. Escalation Matrix For Service Support: Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
26. Bidder/ Supplier/ Organization/ Proprietor/ ANY of the Director(s) shall not be banned or suspended or blacklisted by any Government / Public Sector Undertaking / Corporate organization or convicted in any Court of Law across India or declared Bankrupt or insolvent. A self-declaration certificate must be uploaded in the GeM portal under Bidders Official Letter Head.
27. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
28. Replacement under warranty clause shall be made by the Seller free of all charges at site including freight, insurance, and other incidental charges. During the warranty period, the Seller shall remain responsible to arrange replacement in next two Business Day (NTBD) and for setting right at his own cost any equipment installed by him which is of defective manufacture or design or becomes unworkable due to any cause whatsoever. The decision of the Buyers representative in this regard to direct the contractor to attend to any damage or defect in work shall be final and binding on the Seller.

Note: This sample document is indicative only and is intended for reference purpose only. Site specific modifications/conditions shall be incorporated.



