

Bid Document

Bid Details	
Bid End Date/Time	02-12-2022 16:00:00
Bid Opening Date/Time	02-12-2022 16:30:00
Bid Offer Validity (From End Date)	120 (Days)
Ministry/State Name	Ministry Of Heavy Industries And Public Enterprises
Department Name	Department Of Heavy Industry
Organisation Name	Bharat Heavy Electricals Limited (bhel)
Office Name	10140027-hbbp Trichy
Total Quantity	3
Item Category	Infusion Pump Volumetric/ Syringe Based (Q3)
Years of Past Experience Required for same/similar service	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Certificate (Requested in ATC),OEM Authorization Certificate *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
Past Performance	80 %
Bid to RA enabled	Yes
RA Qualification Rule	50% Lowest Priced Technically Qualified Bidders
Time allowed for Technical Clarifications during technical evaluation	2 Days
Payment Timelines	Payments shall be made to the Seller within 90 days of issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills (This is in supersession of 10 days time as provided in clause 12 of GeM GTC)
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	No
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MSE Purchase Preference

MSE Purchase Preference	Yes
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1. Experience Criteria: In respect of the filter applied for 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 number of Financial years as indicated above in the bid document 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 Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. 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% (Selected by Buyer) 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 33%(selected by Buyer) percentage of total QUANTITY.

3. 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 / Past 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.

4. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

5. Reverse Auction would be conducted amongst first 50% of the technically qualified bidders arranged in the order of prices from lowest to highest. Number of sellers eligible for participating in RA would be rounded off to next higher integer value if number of technically qualified bidders is odd (e.g. if 7 bids are technically qualified, then RA will be conducted amongst L-1 to L-4). In case number of technically qualified bidders are 2 or 3, RA will be between all without any elimination. If Buyer has chosen to split the bid amongst N sellers, then minimum N sellers would be taken to RA round. In case Primary products of only one OEM are left in contention for participation in RA based on lowest 50% bidders qualifying for RA, the number of sellers qualifying for RA would be increased to get at least products of one more OEM (directly participated or through its reseller) if available. Further, if bid(s) of any seller(s) eligible for MSE preference is / are coming within price band of 15% of Non MSE L-1 or if bid of any seller(s) eligible for Make in India preference is / are coming within price band of 20% of non MII L-1, then such MSE / Make in India seller shall also be allowed to participate in the RA process.

Infusion Pump Volumetric/ Syringe Based (3 pieces)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Standards	Availability of any of Certification such as ISO / European-CE / US-FDA / CE	YES
Performance Parameters	Type of Infusion Pump	Syringe Infusion Pump
	Technology (of operation)	Programmable Mode, Continuous Mode
	Flow rate Range with increment in ml/hr	0.1-99.9 ml/hr(0.1 ml/hr increment) for Volumetric Infusion Pump Only, 1-1200 ml/hr(1 ml/hr increment) for Volumetric Infusion Pump Only, 0.1 to 240 ml/hr(10 ml syringe), 1.1 to 400 ml/hr(20 ml syringe), 1.1 to 600 ml/hr(30 ml syringe), 1.1 to 840 ml/hr(50 ml syringe), 1.1 to 999 ml/hr(100 ml/hr syringe), 1-2000 ml/hr(1ml/hr increment) for syringe based infusion pump
	Infused Volume Range in ml	0.1-999(0.1 ml/hr increment), 1-9999(1 ml/hr increment)
	KVO (Keep Vein Open) Rate in ml/hr	Up to 5
	Accuracy in %	Any applicable numeric value
	Bolus Type	Bolus with volume pre-selection, Bolus without volume pre-selection, Interval Bolus, Purge Bolus (For Syringe based), Auto Bolus (For Syringe based)
	Bolus Rate Range in ml/hr	1-600 ml/hr (for Volumetric type infusion set), 200 ml/hr for 10 ml syringe, 360 ml/hr for 20 ml syringe, 560 ml/hr for 30 ml syringe, 800 ml/hr for 50 ml syringe, 999 ml /hr for 100 ml syringe, 1-1200ml/hr for syringe based infusion pump
	Bolus Volume in ml	0.1-99.9/500 ml, 0.1 ml to 5 ml in 0.1 ml increments(auto bolus), NA for Purge bolus
	Display Type	LCD, LED, VFD, Touch Screen
	Battery Type	Rechargeable lead-acid, Rechargeable lithium polymer, Rechargeable NiMH
	Fuse Type	2*T63 Ma 250V, 220V 2A*2, 12V 2A*2
	Fitting of device on the IV bottle and bag	Yes, No
	IR Sensor to detect the abnormality in IV Bag or bottle	Yes, No
	Availability of Infusion mode setting(rate mode,drip mode,wait mode,time mode)	Yes, No

Specification	Specification Name	Bid Requirement (Allowed Values)
	Protection against fluid ingress - IP*1 - Protected against vertically falling drops of water	YES
	Capability of Motioning of empty Intravenous bags or bottles	Yes, No
	Warranty in Years	1

Additional Specification Parameters - Infusion Pump Volumetric/ Syringe Based (3 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Accuracy	+/- 2% is required
Should operate in ambient temp 5-40 degree and humidity of 10-90% with no condensation and should be amenable for storage at the same settings	Bidder to Confirm
Service after sale facility should to be available in Tamilnadu. The address of the service centers should be provided.	Bidder to Confirm
Display for viewing of parameter viz. elapsed time etc.	Bidder to provide
Should have multiple safety alarm facility including (Occlusion limit exceed alarm, Near end of infusion pre alarm and alarm, Volume limit pre alarm & alarm, AC power failure, and Drive disengaged	Bidder to Confirm

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
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S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Vijayakumar Munusamy	620014, MATERIALS MANAGEMENT, IV FLOOR, BUILDING -24, HIGH PRESSURE BOILER PLANT, BHARAT HEAVY ELECTRICALS LIMITED, TIRUCHIRAPPALLI 14	3	60

Special terms and conditions-Version:2 effective from 21-10-2022 for category Infusion Pump Volumetric/ Syringe Based

1. All Provisions of Drugs and Cosmetics Act, 1940 and Rules made there under as amended till date will always be applicable. This will include all notifications issued by *Central Drugs Standard Control Organisation (CDSCO)*, Ministry of Health & Family Welfare (MoHFW) and Department of Pharmaceuticals (DOP), Ministry of Chemicals & Fertilizers time to time in this regard.
2. The sellers are registered on GeM based on self-declaration of valid Drug License, product certification, test reports etc. However, buyers must check and validate the details at their end for all applicable licenses and certifications e.g., validity and authenticity/genuineness of drug license, product certification, manufacturer certification/licenses, test reports etc.
3. The price offered by the seller shall not, in any case exceed the DPCO controlled price, if any, fixed by the Central/State Government, the Maximum Retail Price (MRP) and the selling price. The seller must reduce the prices if there is any reduction in DPCO ceiling price, if any.
4. **Comprehensive warranty:** Comprehensive warranty shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares. During the warranty period commencing from date of the successful completion of warranty period, Service personnel shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, at least once in six months. warranty shall not be including the consumables. Further there will be 98% uptime warranty during warranty period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend warranty period by double the downtime period.
5. **Service centres:** Details of Service outlets in India to render services for equipment to be furnished to buyer/consignees with complete address, telephone numbers, e mails etc at time of making the supplies. It shall be the responsibility of seller to ensure that authorized service centres are available to cater to the areas where supplies are made within reasonable distance from where the service calls can be handled. Details of toll-free numbers for service call and online registration of service requests also to be provided buyer/consignee at the time of supplies.
6. **Source of supply:** It shall be responsibility of seller to provide Documents regarding source of equipments such as copy of Performa invoice or any other documents to establish that the products supplied are manufactured by OEM indicated and sourced from them.
7. **Packing and Marking:** Medical equipments being very delicate and sensitive packing for the goods should be strong and durable enough to withstand transit including transshipment (if any), rough handling, open storage etc. without any damage, deterioration etc. .The size, weights and volumes of the packing cases, remoteness of the final destination of the goods, availability or otherwise of transport and handling facilities at all points during transit up to final destination,. Quality of packing, the manner of marking within & outside the packages and provision of accompanying documentation shall take into consideration the type of medical equipments being supplied. The accessories shall be suitably labelled and packed. Each of the package shall be marked on three sides with indelible paint of proper quality: indicating contract number and date, brief description of goods including quantity, Packing list reference number, country of origin of goods and any other relevant details.
8. **Spare Parts:** Seller shall provide materials, information etc. pertaining to spare parts manufactured and supplied by the OEM. It shall be ensured that the required spares are available for purchase at least for 10 years from date of supplies. In case due to any reasons the production of the spare parts is discontinued sufficient advance notice should be given to the buyer/consignee before such discontinuation to provide adequate time to purchase the required spare parts etc. Further, OEM and their service centres/dealers shall carry sufficient inventories to assure ex-stock supply of consumables and spares for the equipments so that the same are available.
OEM or reseller shall always accord most favoured client status to the buyer/consignee and shall give the most competitive price for spares and consumables of its machines/equipments supplied.

9. **Installation, Training, Manuals:** Seller shall be responsible to carry out Installation & commissioning, Supervision and Demonstration of the goods. They shall provide required jigs and tools for assembly, minor civil works for the completion of the installation and Training of Consignee's representatives for operating and maintaining the equipment and supplying required number of operation & maintenance manual for the goods. In case the category parameters are specifying any requirements regarding the installations, training and manuals the same shall also be applicable.
10. **Electrical safety checking:** Sellers are required to make sure that they furnish the list of equipments for carrying out routine and preventive maintenance to buyer/consignee .They should make sure to periodically check the electrical safety aspects as per BIS Safety Standards or equivalent .In case they do not have required equipment for such testing should ensure that the equipments checked for electrical safety compliance through labs with facilities for such checking during every preventive maintenance call.
11. **Software:** All software updates should be provided free of cost during warranty period.
12. Any other Terms and Conditions which is not included or at variance with the conditions specified in STC/GTC, may be added by the buyer through Additional Terms and Conditions in the bid to ensure items are procured from authentic/validated source with appropriate and applicable quality. The above terms and conditions are in reverse order of precedence i.e. ATC shall supersede specific STC which shall supersede General Terms and Conditions ("GTC"), whenever there are any conflicting provisions.

Buyer Added Bid Specific Terms and Conditions

1. Generic

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address Manager / Stores - 12, Fossil Boilers, BHEL Boiler Plant Project P.O. Tiruchirappalli - 620 014, TAMILNADU, INDIA..

2. 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 %.

3. Purchase Preference (Centre)

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 33% of total value.

4. Certificates

The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.

5. 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.

6. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

7. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

1. Actual delivery and installation & commissioning is to be done at following address ,

Manager / Stores - 12,

Fossil Boilers, BHEL

Boiler Plant Project P.O.

Tiruchirappalli - 620 014,

TAMILNADU, INDIA

2. GUARANTEE: Performance Guarantee for a minimum period of 12 months from the date of commissioning of the machine at BHEL works or 18 months from dispatch whichever is earlier.

3. Payment Terms :

a) MSE - Micro & Small Suppliers – Within 45 days from the date of receipt and acceptance of materials

b) Medium Enterprises: 60 days from the date of receipt and acceptance of materials

c) Non-MSME: After 90 days from the date of receipt and acceptance of materials

d) 100% of supply payment will be released within 45/60/90 days (as per the above clause a, b & c) on issue of consignee receipt-cum-acceptance certificate(CRAC)

e) 100% of E&C (ICT) payment will be released within 10days on issue of consignee receipt-cum-acceptance certificate(CRAC) and submission of Performance Bank Guarantee (PBG).

4. Risk Purchase Clause:

BHEL at its option will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the supplier has failed to deliver or dispatch within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitute thereof. The supplier shall be liable for any loss which BHEL may sustain by reason of such risk purchases in addition to LD at the maximum rate mentioned in the LD clause above. Confirm your acceptance.

The value under Risk purchase clause shall be calculated as follows:

$$\text{Risk \& Cost Amount} = [(A-B) + (A \times H/100)]$$

Where,

- i. A= Value of Balance scope of Work/ Supply (*) as per rates of new contract
- ii. B= Value of Balance scope of Work/ Supply (*) as per rates of old contract being paid to the contractor/supplier at the time of termination of contract i.e. inclusive of PVC & ORC, if any.
- iii. H = Overhead Factor shall be taken as 5

In case (A-B) is less than 0 (zero), value of (A-B) shall be taken as 0 (zero).

* Balance scope of work/ supply

Difference of Tendered/Contract Quantities and Executed Quantities as on the date of issue of Letter for 'Termination of PO/Contract', shall be taken as balance scope of Supply for calculating risk & cost amount.

Note: In case vendor fails to fulfil any of the PO / Contract obligations as per PO/Contract, PO/contract shall be cancelled and appropriate cost shall be deducted from the vendor's pending bills in BHEL Trichy (or) across the BHEL units.

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 specifications 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. Also, GeM does not permit collection of Tender fee / Auction fee in case of Bids / Forward Auction as the case may be. Any stipulation by the Buyer seeking payment of Tender Fee / Auction fee through ATC clauses would be treated as null and void.

[This Bid is also governed by 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.

---Thank You---