

### Bid Document

Bid Details	
Bid End Date/Time	19-12-2020 12:00:00
Bid Opening Date/Time	19-12-2020 12:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Health And Family Welfare
Department Name	Department Of Health And Family Welfare
Organisation Name	Hll Lifecare Limited
Office Name	Hll Bhavan, Registered Office, Poojapura
Total Quantity	6
Item Category	Walk in Cooler
Bidder Turnover (Last 3 Years)	26 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Years Of Experience and Turnover	Yes
Startup Exemption for Years Of Experience and Turnover	Yes
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover *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	50 %
Bid to RA enabled	No
CMC Required	Yes
Inspection Required	Yes
Inspection to be carried out by Buyers own empanelled agency	Yes
Type Of Inspection	Pre Dispatch
Name of the Empanelled Inspection Agency/ Authority	Board of Officers
Estimated Bid Value	5244000

#### EMD Detail

Required	No
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#### ePBG Detail

Advisory Bank	State Bank of India
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ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	62

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

**Beneficiary:**

CMD  
HLL Lifecare Limited, Procurement & Consultancy Division, B14-A, Sector 62, Noida  
(HLL Lifecare Limited)

**Splitting**

Bid splitting not applied.

**MII Purchase Preference**

MII Purchase Preference	Yes
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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. Preference to Make In India products (For bids < 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. 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 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. However, eligible micro and small enterprises will be allowed 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.

3. 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 25%(selected by Buyer) percentage of total QUANTITY.

4. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% 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.

**Pre Bid Detail(s)**

Pre-Bid Date and Time	Pre-Bid Venue
26-11-2020 11:00:00	HLL Lifecare Limited, Noida - VC Link will be uploaded on HLL/ HITES Tender portal

**Walk In Cooler ( 6 pieces )**

(Minimum 50% Local content required for MII compliance)

**Technical Specifications**

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Technical parameters	Storage condition	Storage conditions to be maintained at + 5 Deg c +/- 3 Deg c contineously , control by thermostat on each cold room	*
	Storage temperature	2 to 8 deg C	*
	Outer and inner panels	Powder coated,Galvanised steel panels,Double wall having thikness 22 SWG each	*
	Refrigeration system	The cold room should be equipped with two completely independent refriferation system,one of these will remain as standby	*
	Additional parameters of panel	Panels should be fully insulated and without internal structures members or stiffeners between the skins	*
	Internal temperature	2 Deg to + 8 Deg c adjustable(i. during 43 deg C contineous ambient ,ii. 32 Deg C contineous ambient,iii. 45 / 05 Deg c day / night cycling temperatures.)	*
	Roof and panel skin material	Stainless steel of grade 304	*
	Construction	Pre fabricated,Modular complete with floor and ceiling panels,Mounted on a flat,Solid concrete base	*
	Depending upon the internal room location refrigeration units may be one of the following types	Wall mounted with weatherproof condensor units located externally as close as possible to the evaporator units (weatherproof split system)	*
	Refrigeration system components	Refrigeration unit	*
	<b>Gross internal volume</b>	16.5	16.5

	Additional components	Provide additional control which permits simultaneous operation of both refrigeration system in case of emergency, There should be manual and automatic switchover to standby the system by thermostatic or electrical control, There should be programmable automatic operational duty cycle for the switch over to the standby refrigeration system	*
Insulation	Thermal conductivity	0.17w/w2k or better for hot zone climate	*
	Density (min)(kg/m3)	40	*
	Minimum thickness	100	*
	Additional parameters of Insulation	CFC free urethane foam or extruded polystyrene foam core bonded sandwiched between two galvanised steel sheets	*
	Thermal foaming insulation agents	Any gas complying with limitations and deadlines set by the Montreal protocol on the elimination of ozone depleting chemicals	*
Flooring	2nd layer of specified	Extruded polystyrene slabs laid with the joints staggered to achieve a U' value of 0.17 W/m.K or better	*
	Base 1st layer	75 mm thick cement concrete	*
	3rd layer of specified	6 mm non slip finish aluminium checker plate	*
	Additional parameters of Flooring	The floor should be capable to support load of 1500 kg/m2, Concrete floors must be designed and constructed to allow shallow ramp access entry to the cold room or freezer room	*
Door	Dimensions of door	34" to 40" (W) x72" to 80" (H)	*
	Additional feature of Door	Plastic curtains on the door way, Door should be flush type with kick plate at bottom and fitted with door closer, Examination Window (View port), Seal closer mechanism which cushions the closing movement of the door, shuts the door silently and keeps it seal-closed preventing loss of cooling, An incandescent vapour-proof light mounted on the interior of the vaccine chamber, Additional alarm switch to be fitted	*

		inside the cold room close to the door latch	
	<b>Door Type</b>	Heavy duty lock - lockable with 100% fail-safe provision for opening from inside	Heavy duty lock - lockable with 100% fail-safe provision for opening from inside
Lightning	Additional feature of Lighting	The external light and light switch must be fixed to the wall of the cold room enclosure near to the entrance door,The minimum illumination level on the vertical face of the Lowest shelve must be 150 lux,The lighting should be evenly distributed inside the cold room	*
	Type	Internal ceiling-mounted low energy fluorescent,LED luminaires with an external switch with pilot light	*
Refrigeration system	Power of compressor	4	*
	Type of Refrigeration	Dual refrigeration system ( 100% standby)	*
	Refrigeration system feature	Cooled refrigeration units, preferably Mono-block type,Automating defrosting (electric or hot gas),CFC-free refrigerant,Tropicalized units suitable for ambient temperature up to 45 degree celsius	*
	Condensing unit (s) to comprise compressor with	Forced air condenser,Oil level glass,Oil separator,Liquid receiver to carry full charge,Filter/dryer with flare connections,Isolating stop valves,Fixed high and low pressure dial gauges,Fitted with high and low pressure cut-outs,Time-operated electric defrost control,It should have run hour meter,Where cold climate freeze prevention is specified provide a low temperature protection system to prevent the temperature of the cold room dropping below +2? under low ambient conditions	*
	Mounting of condensing Unit	In case of a split system, the condensing Unit should be mounted in a whether proof enclosure with proper canopy so as to get protection from rain and hard weather and prevent any vandalism or injury to people upon accidental	*

		access	
Evaporator	Evaporator feature	Evaporators to be forced air, wall or-ceiling-mounted units with condenser discharging inside the building to the cold room,There must be a timer operated electric defrosting system and a condensate drip tray and drain connection,Size and position the evaporator units so that the plume of discharged air at a temperature below +2deg C does not reach areas where vaccine is stored. If necessary provide a removable mesh cage or deflector shield around the evaporator so as to maintain the safe storage zone	*
Temperature Control, monitoring & Recording	Temperature Control system feature	The control supply relay carrying the compressor running current should be rated a twice the running current or provide additional contractor to be provided in the control circuit to sustain the running current without causing over heating of the control board.	*
	Calibration of Thermostat	The thermostat must be calibrated to ITS-90 and be accurate to 0.5C or better	*
	Temperature Monitoring recording unit feature	Wall mounted seven days graphic temperature recorder not using thermal paper	*
	Type of Temperature recording system	Digital temperature recording system with display controlling indicating logging facility for example. A programmable electronic temperature and event data logger system with minimum 10,000 data storage capacity, auto-dialler complying with PQS E006/TRO3 linked to the alarm system	*
	Room temperature must be controlled by	Thermostat within the tolerances specified	*
	Temperature Control, monitoring & Recording	All parts of the room designated for vaccine storage must remain between 2 Deg c to 8 Deg C when measured under any laoding condition between empty and full and over the full ambient temperature range of the required temperature zone	*
Alarm and buzzer	Additional feature Alarm	Alarm sounders are to be	*

	and buzzer	located adjacent to the cold,It should have back-up battery or control its panel	
	Buzzer system	Power failure alarm,High pressure (dirty condenser) alarm,Open door alarm,Probe failure,Should have battery back up for control its panel	*
	Specification as per	In case of triggered event the acoustic alarm unit must comply per specification WHO/POS/E06/AL01-01 or with E006/TR03	*
	Type of Alarm and buzzer	Provide a mains-operated audible and visible loud alarm with battery backup and automatic recharge, which is triggered in the event of mains failure or when the cold room temperatures is outside set limits	*
Shelves	Specing of Selves	600 mm wide at 600 mm spacing	*
	Materialof Shelves	Non corrosive 304 grade stainless steel to take load of at least 0.075kg/cm	*
	Distance between Rack,Min	900	*
	<b>No of Shelves</b>	Four shelves above the ground all around the wall and intermediate shelves should be placed suitably	Four shelves above the ground all around the wall and intermediate shelves should be placed suitably
	Type of Shelves	Cold room(s) to be fitted with running height adjustable perforated shelves (slotted shelves will be preferred)	*
	Shelving must be washable	Yes	*
	Top face of shelves	The top face of the lowest shelf must be mounted 200 mm above the floor	*
Environmental factors & Installation	Installation	Complete Installation , testing and commissoning is to be done by supplier inclusive of - Installation of stabilize,Drainage system,Assembly of the panels,Refrigerator units,Data logger,Adequate smoke evacuation system, Generator as per ????,All other related work required for installation as per WHO POS and guidelines	*
	Separate earthing must be provided respectively for Genset and WIC	yes	*

	Environmental factors	The unit shall be capable of operating continuously in ambient temperature of 5 to 45° and relative humidity of 95%	*
Power supply	Power input	Power input 220-240V 50 HZ AC Single phase or 380-400V AC 50 Hz, three phase, fitted with ISI marked, 15 ampere, Indian M-plugs and sockets	*
Diesel generating set	Audio visual alarm for	Low lubricating oil pressure, High water temperature (for water cooled), High cylinder head temperature (for air cooled), Start failure and DG overload, Any other switch. instrument, relay or contactor etc, essential for smooth and trouble free functioning of DG set with AMF panel	*
	Diesel Engine (Naturally Aspirated)	Diesel Engine shall be air or water cooled as specified, electric start developing required B.H.P at 1500 RPM with Class A-2 Governing or better for alternator to deliver specified continuous KVA output at 0.8 pf LAG at NTP conditions (all rating shall be tested at 0.8 PF lag). The Diesel Engine should be capable of providing 10% overload for one hour for every 11 hours continuous running at full load, Naturally aspirated engine so frating upto and including 20KW shall be as per ISI MARKED IS: 1000171981 reaffirmed 2006), The specific fuel consumption of engine shall be as per IS specification	*
	Confirmity of standard for Alternator	IS:13364 (Part 1):1992 (reaffirmed 2003)	*
	Alternator	The Alternator shall be self excited and self regulated of specified KVA rating in single/three phase at 240/415 Volt, 50 Hz, 1500 RPM and 0.8 power factor (PF) and shall conform to IS:13364 (Part 1):1992 (reaffirmed 2003). The alternators shall be of brush less type with VG-I Grade or better grade of voltage regulation	*
	Fuel consumption of diesel engine	As per Indian standard	*
	Instrument & Control	Five number indicating	*



Fuses	lamps to indicate 'mains ON. 'load on mains', 'set running', 'load on and battery charger on	
<b>AMF Control Panel components</b>	Generator voltage/AC Mains voltage,Generator Current,Power Factor,Frequency,Energy,Three attempts engine start/engine cranking relay. On -delay timer for load change over,On-delay timer for engine shut of,Over current relay,Modeselectorswitchfor settingthepanelonanyonepositionsuchusofffor auto or manual or test,Engine On-Off switch (Push button type),MCCB of suitable rating shall be provided,Rectangular aluminium bus bars (one number for each phase, neutral and Earthing terminal )of adequate ratings duly colour coded with heat shrinkable PVC sleeves,Two contactors of suitable rating (one for DG set & one for AC mains)withover load relay,Under-voltage relay for mains,Battery charger complete with voltage regulator, float or booster selector switch, on-off switch, voltmeter and ammeter for charging the battery from mains. (This will be in addition to the battery charging alternator fitted on the engine)	Generator voltage/AC Mains voltage, Generator Current, Power Factor, Frequency, Energy, Three attempts engine start/engine cranking relay. On -delay timer for load change over, On-delay timer for engine shut of, Over current relay, Modeselectorswitchforsettingthepanelonanyoneposition suchusofffor auto or manual or test, Engine On-Off switch (Push button type), MCCB of suitable rating shall be provided, Rectangular aluminium bus bars (one number for each phase, neutral and Earthing terminal )of adequate ratings duly colour coded with heat shrinkable PVC sleeves, Two contactors of suitable rating (one for DG set & one for AC mains)withover load relay, Under-voltage relay for mains, Battery charger complete with voltage regulator, float or booster selector switch, on-off switch, voltmeter and ammeter for charging the battery from mains. (This will be in addition to the battery charging alternator fitted on the engine)
Alternator poer supply	240/415V, Single/Three pahse,50/60Hz	*
AMF Control Panel	Automatic Mains Failure(AMF)control panel shall start up the DG set and take the load in case of the main failure without requiring any human intervention. Similarly on Return of mains supply. the AME control unit shalltransfertheload back to mains supply and switch off the DG set automatically,The AMFpanel shall be enclosed with the IP-53 degree of protection confirming to IS/IEC 60947 (Pt-I 2004 fabricated from minimum 5mm thick steel sheet duly pre-treated and aesthetically finished	*
<b>Diesel Engine accessories</b>	Fuel tank with capacity for 72 hours continuous running	Fuel tank with capacity for 72 hours continuous running

		at full load,Engine instrument Panel consisting of starting switch with Key,Lube Oil temperature and pressure gauge, (water temperature gauge in case of water cooled engine),RPM indicator and hour meter,Safety control to shut down the engine in the event of flow lube oil pressure or high cylinder head temperature in case of air cooled engine or high water temperature in case of water cooled engines,Radiators in case of water-cooled engines,Exhaust silencer of Residential type,12V starting system complete with starter motor, charging alternator and Cut-out,Lead Acid Battery or semi maintenance free battery of suitable ratings with connecting cables and the battery/ies shall conform to relevant IS Specification,Standard set of tools required for service and maintenance of the DG set shall be provided to the consignee along with each DG set	at full load, Engine instrument Panel consisting of starting switch with Key,Lube Oil temperature and pressure gauge, (water temperature gauge in case of water cooled engine),RPM indicator and hour meter, Safety control to shut down the engine in the event of flow lube oil pressure or high cylinder head temperature in case of air cooled engine or high water temperature in case of water cooled engines, Radiators in case of water-cooled engines, Exhaust silencer of Residential type, 12V starting system complete with starter motor, charging alternator and Cut-out, Lead Acid Battery or semi maintenance free battery of suitable ratings with connecting cables and the battery/ies shall conform to relevant IS Specification, Standard set of tools required for service and maintenance of the DG set shall be provided to the consignee along with each DG set
	Power factor	0.8	*
	Alternator speer (rpm)	1500	*
	Type of Alternator	Brushless type with VG-1 grade or better grade voltage regulation , IP-21 protction	*
	<b>Rated value , KVA</b>	15	15
Servo Voltage Stabilizer	Warrenty	Provide 5 years of warrantee with 5 years of CMC,Guarantee for availability of spares for 10 years after warrantee.	*
	Documentation	User's manual,Service manual,List of minimum spares,Installation instruction	*
	Type of servo voltage stablizer	Automatic line voltage correctors (LVC), copper wound Indoor type, continuous duty, conforming to IS: 9815(Pt.1y1994 (Reaffirmed 2004) suitable for phase Voltage of 160-260 Volts	*
	Servo voltage Power Supply	Suitable automated voltage regulator / stabilizer meeting IS 9815, IEC 60335 - 1& IEC 60634-1 specifications should be	*

		supplied. Broad specifications are to be added ( given below as Annexure 1),Volateg regulator should have capacity to take load of both refrigeration units ( main as well as standby)	
	Servo voltage stabilizer Specification	Three phase line voltage correctors shall comprise of three single phase line voltage correctors, conforming to IS: 9815 (Pl.1y1994 ( Reaffirmed 2004), connected in star and enclosed in a single enclosure with common control panel and shall be suitable for unbalance input voltage,Rated output voltage shall be 240V for single phase LVC and 415V for three phase LCV respectively	*
	Servo voltage stabilizer Feature	Voltage stabilization and surge protection is required for protecting the refrigeration units against any sort or long voltage fluctuations,The stabilizer should meet the requirements of the different electrical components of the cold room,capacity as per para 10.4 of specifications of WIF,All the components used in the assembly of line voltage correctors shall conform to relevant IS specification(specify IS no.),Tenderers shall indicate make and specification of main components in their offer,Servo motor operated line voltage corrector is a safety/difficult item.As such the firm registered with NSIC are required to get their capacity assessment report from the concerned DQA	*
Standard safety and training	Electrical and refrigeration components and the panels should have	All operational and maintenance training by trained personal of manufacturer to the end users after successful installation and commissioning	*
Warranty & Guarantee	Guarantee	Guaranty of availability of spare for 10 year warranty	*
	Warranty	Provide Comprehensive warranty for 5 years, ensure provision of consumables including spares and accessories within the	*

		warranty period excluding batteries warranty as per manufacture norm, minimum of two years) and diesel for DG set, Provide commitment and Quote for CMC of 5 year after 5 year	
Documentation	Certification and manual	seprate certificate of inspection for tendered items from an independent labpratory approved / recognize by WHO/UNICEF/National accreditation board / ILAC/STQC Labs or 3rd party inspection agency as mentioned in the NOA. Is essential and is required to be submitted at the time of delivery	*
Installation	Installation Instruction	Provide a comprehensive ,illustrated ( includind all wiring diagram ) with step by step installation manual suitable for use by the installer, covering the unpacking , assembly , testing & commisioning of all the system components, including safe working procedre to be obsertved.	*
Generic	Additional Parameter	-	*
Test Report/Certification	Copies of reports and certifications to be furnished to buyer on demand at time of supplies	Yes	*
	Test Report Number and Date	-	*
	Name and address of the Lab where Test conducted	-	*
	Availability Of Test Report From Central Govt/Nabl/Ilac Accredited Lab To Prove Conformity To Specification	Yes	*

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement ( allowed Values) by the Buyer.

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	RAHUL M D	201307,B-14 A, Sector-62, Gautam Budh Nagar, Noida	6	90

#### Bid Specific Additional Terms and Conditions

1. Bid reserved for Make In India products: Procurement under this bid is reserved for purchase from Class 1 local suppliers 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%. All bidders 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 the bid is liable to be rejected. 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 04.06.2020. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
2. Make in India specific authorisation certificate needs to be enclosed.
3. 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 25% of total value.
4. If the agency is registered under MSME or NSIC, then EMD exemption certificate needs to be enclosed.
5. **Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
6. 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.
7. 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.
8. 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.
9. Experience Certificate for the supply of the same to any Govt/ PSU/ any renowned private organisation along with Supply/ Purchase Order.
10. For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
  - a. Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
  - b. Execution certificate by client with order value.
  - c. Any other document in support of order execution like Third Party Inspection release note, etc.
11. Bidder Turn Over Criteria: 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 as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
12. OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
13. 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.
14. Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.
15. 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 %.
16. Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.
17. Warranty period of the supplied products shall be 5 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to

be uploaded along with the bid

18. Bidder / OEM has to give an undertaking that after expiry of warranty period, it will provide Comprehensive Maintenance Service for next 5 years for the offered products at the rate not more than 5 % of contract price per annum. Buyer reserves the right to enter into a CMC agreement with the Successful Bidder / OEM after expiry of the Warranty period at above mentioned rate and the payment for the CMC charges would be made Biannually after rendering of the CMC Services of the relevant CMC period. Performance Security of the successful bidder shall be forfeited if it fails to accept the CMC contract when called upon by the buyer. CMC would include cost of equipment & accessories (Upload the undertaking). The original Performance Security of contract will be returned only after submission and verification of AMC Performance Security for 2% of total CMC value valid up to CMC period plus 2 months (if there is no other claim).
19. 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:
  - i) The Seller fails to comply with any material term of the Contract.
  - ii) 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.
  - iii) 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.
  - iv) The Seller becomes bankrupt or goes into liquidation.
  - v) The Seller makes a general assignment for the benefit of creditors.
  - vi) A receiver is appointed for any substantial property owned by the Seller.
  - vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.
20. Availability of Service Centres: 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.

## **Additional Clause For Comprehensive Maintenance Charges**

1. CMC shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares, after satisfactory completion of Warranty. During the CMC 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. CMC shall not be including the consumables. Further there will be 98% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.

2. CMC charges to be indicated as percentage of cost of equipment quoted for each year after the warranty period.

3. GST shall be included in the CMC Charges quoted.

4. Cost of CMC will be added for Ranking/Evaluation purpose with depreciation formula. A 10% discounting rate per year shall be applied on CMC Charges for price evaluation on present value.

5. The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user.

6. While creating a bid or RA buyers shall indicate whether CMC is required against Yes/No options. If CMC Charges are included an option for number of years for CMC required after the warranty period shall be available. Under this options up to 5 years can be chosen for CMC charges beyond warranty period.

7. The CMC functionality shall be available in bid only and no direct RA shall be applicable. In case of bid to RA decrement rules shall be applicable on total price inclusive of CMC charges. Bunching of products shall not be available while creating bids with CMC charges.

7.1. Buyer shall indicate number of years of warranty by selecting option of 2 or 5 available in the field depending on warranty parameter applicable in category parameters for the equipment. The Seller while participating in Bid/RA will get fields to indicate CMC charges as percentage depending on number of years of CMC selected by Buyer. The following shall be applicable If 5 year CMC selected

- CMC charges for first year after warranty period – Percentage to be indicated- A 1
- CMC charges for second year after warranty period – Percentage to be indicated A2
- CMC charges for third year after warranty period – Percentage to be indicated A3
- CMC charges for fourth year after warranty period – Fixed amount to be indicated A4
- CMC charges for 5th year after warranty period – Percentage to be indicated A5

7.2. The calculation of CMC Charges shall take in to account of number of years of warranty and duration of CMC as specified while creating bid.

7.3. In the price evaluation, the system shall provide function to calculate the cost of each equipment by formula indicated below including CMC and then show the inter-se- ranking of the bidders. The following are the variables.

(i) Number of years for which CMC required.

(ii) Number of years of warranty. The formula for calculating total cost including CMC charges shall be :

Total cost for evaluation=  $C + C * (A1/100) / (1.10^n) + A2/100 / (1.10^{n+1}) + A3/100 / (1.10^{n+2}) + A4/100 / (1.10^{n+3}) + A5/100 / (1.10^{n+4})$

C - Cost for equipment quoted and n shall be number of years of warranty specified

If 2 year warranty specified n shall be 2 and if 5 year specified n shall be 5.

A1,A2 A3 A4 A5 shall depend on how many years CMC selected If 3 year means only A1,A2 and A3 factor to be not taken in to account and A4 and A5 will not be applicable

7.4. CMC charges to be indicated for each subsequent year should be same or higher than preceding year.

7.5. The CMC charges shall be offered within range of 3 to 10% of cost of equipment.

8. Since CMC charges are to be paid only later for each year during CMC period , applicable performance guarantee amount after placement of contract shall be based on the cost of equipment and not on basis of cost of equipment along with CMC Charges.

9. Performance bank guarantee applicable for CMC is to be submitted at start of the CMC and shall be applicable 2.5% as specified in bid on the total contract value including CMC Charges The PBG submitted after award of contract shall be released only after new PBG for the CMC period is submitted and accepted by buyer/consignee after due verification. Bank guarantee for CMC is to remain valid till completion of CMC period plus one year .The bank guarantee for CMC shall be submitted to buyer directly.

10. In case of splitting of quantity equipment cost and CMC charges offered by L-1 in the evaluated cost shall be matched by higher quoting eligible bidders on one to one basis .The equipment cost shall be matched and CMC charges shall be matched year to year.

11. The CMC Contract shall be an offline contract to be handled by buyer. The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user and scope of CMC will be as per para 1 above.

12. The above terms and conditions shall be part of the bid as well as part of the contract.

[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---**