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|  | Part B(I) – Price Bid for EC MHVPS | GeM Bid No.                        |
|  |                                    | <a href="#">GEM/2025/B/6267679</a> |

**Table 1 : Price bid for EC MHVPS (4 units) for Supply Part**

| Sr.<br>No  | Item Description  | Quantity | Unit Price for<br>single<br>MHVPS<br>(Rs) | Total Price<br>(Unit x 4) for<br>4 units of<br>MHVPS<br>(Rs) |
|--|---|----------|---|--|
| <b>SUPPLY PART</b>   |   |          |   |  |
| 1  | Design, manufacturing, component testing, supply and acceptance testing of <b>4 units</b> of Main High Voltage Power Supply (MHVPS) rated for (-)55kVDC, 110A including spares. | 4 nos.   |   |  |
| 2  | Taxes and duties i.e. GST (to be filled in INR)   |          |   |  |
| <b>Total (including taxes, duties and any other charges)</b> |   |          |   |  |
| <b>Total Value in Word:</b>                                  |   |          |   |  |

Cost at Sr. no.1 should be fixed & firm on lump sum basis for complete scope of design, manufacturing, component testing, supply and acceptance testing of 4 units of Main High Voltage Power Supply (MHVPS) rated for (-)55kVDC, 110A at Purchaser's site - ITER Organization (IO), France.

**a. It must be inclusive of;**

- i. Design, documentation for the overall project and associated gate reviews & approvals. It includes analysis, CAD works, models.
- ii. All components necessary for demonstrating functional specifications, safety qualifications, transport & handling requirements, integration & interface requirements of MHVPS.
- iii. Cost shall include factory test at OEM's facility, third party test charges, sample units, test zigs, tools, installation and maintenance spares.
- iv. Overall conversion cost/profit for complete scope & supply.
- v. Factory Test / Extended factory testing at ITER-India lab, shall be under the responsibility of CONTRACTOR/SUPPLIER.
- vi. Demonstration of Unit-1 for installation, assembly/integration and operations perspective as per the prescription at ITER-India lab. After the successful demonstration, the CONTRACTOR/SUPPLIER shall dismantle, repack and transfer this unit back to Supplier's site and refurbish as required.

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- vii. Travels for monitoring various works of the project. It should consider mobilization charges of OEM's/Supplier's representatives including (but not limited to) travel expenses, deputation expenses, personnel insurance and liability etc.
- viii. Packing- forwarding- freight- insurance- third party liability- unloading- shifting to respective points at warehouse/storage.
- ix. Prescription for - Site preparation, Installation of various equipment, standalone testing, integrated testing.
- x. Fulfilment of HSE requirements, to ensure that installation is performed in line with the requirements of the EC MHVPS.
- xi. Any other activities, supply or work necessary for successful execution of the Supply part.

**b. It must exclusive of;**

- i. Transportation charges from the FCA [Supplier's site] to Purchaser's site - ITER Organization (IO), France.
- ii. Supervision charges for the works including standalone testing of the equipment, integrated testing and final acceptance for 4 nos. of EC MHVPSs, at Purchaser's site - ITER Organization (IO), France.

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**Table 2: Price basis for EC MHVPS (4 units) for Site Supervision Part**

| Sr. No   | Item Description  | Quantity      | Unit Price for single MHVPS (Rs) | Total Price for 4 units of MHVPS (Rs) |
|--|---|---------------|----------------------------------|---------------------------------------|
| <b>SITE SUPERVISION PART</b>                                 |   |               |                                  |                                       |
| 1  | Supervision charges at Purchaser's site - ITER Organization (IO), France. | <b>4 Jobs</b> |                                  |                                       |
| 2  | Taxes and duties i.e. GST (to be filled in INR)                           |               |                                  |                                       |
| <b>Total (including taxes, duties and any other charges)</b> |   |               |                                  |                                       |
| <b>Total Value in Word:</b>                                  |   |               |                                  |                                       |

Cost at Sr. no.1 should be fixed & firm on lump sum basis for supervision charges at Purchaser's site - ITER Organization (IO), France for 4 units of Main High Voltage Power Supply (MHVPS) rated for (-)55kVDC, 110A.

**a. It must be inclusive of;**

- i. Supervision of works for standalone testing of the equipment, integrated testing and final acceptance for 4 nos. of MHVPSs at Purchaser's site - ITER Organization (IO), France.
- ii. At least two occasions of mobilization (to site) and demobilization (from site) of CONTRACTOR/SUPPLIER's representative\*

*\*the first mobilization to site at start of site work and last demobilization from site at end of site work shall not be considered as a part of above mentioned 2 occasions.*

*ITER-India to engage service provider at PURCHASER's SITE, to support the services required for site preparation, installation, standalone testing, integrated testing of MHVPS. This includes test equipment required during site testing.*

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**Table 3: Indicative list of items considered under Supply Part**

| Sr. No. | Supply Part  | Confirmation from CONTRACTOR/S UPPLIER (YES/NO) | Remarks if any. |
|---------|--|---|-----------------|
| 1       | Medium Voltage Cables (22kV AC) with required length (4 sets)  |   |                 |
| 2       | 22kV Soft charging Device (4 nos.)   |   |                 |
| 3       | Multi Secondary Transformers (8nos.)   |   |                 |
| 4       | LV Cables with required length (4 sets)  |   |                 |
| 5       | SPS Modules with spares (384 nos. + 16 nos.), sample unit if applicable  |   |                 |
| 6       | DC Filters (4 sets)  |   |                 |
| 7       | Output DC Co-axial Cables & its associated connectors with required length (4 sets)  |   |                 |
| 8       | High Voltage Racks with hydraulic circuit and hoses, vent & drain valves (4 sets)  |   |                 |
| 9       | CWS instrumentation viz. pressure sensors, temperature sensors, flow meter, bypass valve, control valve, integrated (4 sets)   |   |                 |
| 10      | Equipment Control Cubicles (ECC), LCC (Local Control Unit), LVDFM Cubicle including monitoring and protection equipment (4 sets)   |   |                 |
| 11      | 8 core POF Cables & connectors (4 sets), Crimping tool & polishing kit as required.  |   |                 |
| 12      | HV Relays (4 sets), each set containing 4 nos. of 60kV HV relays & 4 nos. 25kV HV Relays   |   |                 |
| 13      | Short Pulse Dummy Load (1nos.)   |   |                 |
| 14      | Design, documentation for the overall project and associated gate reviews & approvals. It includes analysis, CAD works, models. It also includes final documentation, certificate of compliance, O&M manuals etc.) |   |                 |
| 15      | Other support items necessary for functional demonstration of MHVPS  |   |                 |

*A “set” in the above table indicates complete requirements to fulfill one MHVPS unit.*

**Validity:**

Place:

Signature:

Date:

Name:

Name of the bidder:

Official Seal: