

# INDIA SECURITY PRESS

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Date of Issue: 06.06.2026

1. Name of the organization: India Security Press, Nashik (a unit of Security Printing and Minting Corporation of India Limited)
2. Type of the organization: Wholly owned by Government of India.
3. EOI Reference No: 08/EOI/2026-27 dated 06.06.2026.
4. EOI Title: Expression of Interest for **“SITC of LT PDB at Ex GCD Substation”**.
5. Category: Non-Security
6. Date of Announcement: 06.06.2026
7. Pre-bid conference: The pre-bid conference will be conducted on 16/05/2026 at 11.00 Hrs IST. The prospective bidders interested to Submit Expression of Interest are requested to attend the pre-bid conference for clarifications on technical issues, at India Security Press, Nashik Road. The queries of pre-bid conference, if any, shall reach to CGM, ISP Nashik on or before 15/06/2026.
8. Last date for submission: 14:30 Hrs (IST) on 07/07/2026.
9. The Chief General Manager, India Security Press, Nashik invites Expression of Interest from firms for the **“SITC of LT PDB at Ex GCD Substation”**.

The Concise Scope of Work for the Brief requirement of ISP for **“SITC of LT PDB at Ex GCD Substation”** are as under:

## A) Broad Scope of Work:

### A) Incomer-1 & Incomer -2 For transformer 500KVA

Sr. No.	Description	Qty
1	ACB 4P EDO 1000A 50kA with O/L, S/C & E/F Microprocessor based, LSING Protection Make: LK and Model: C-power	02
2	Under Voltage coil Make: LK	02
3	Electrical Interlocking Make: LK	02
4	TNC Switch Make: Kaycee	02
5	MFM 4400 LED meter CI 1 with RS485 Make: LK	02

6	1000/5A, 10 VA, Cl 1, Metering Current Transformer Make: STD	06
7	I. Lamp Green for ON indication 230VAC Make: Teknic	02
8	I. Lamp RED for OFF indication 230VAC Make: Teknic	02
9	I. Lamp AMBER for TRIP indication 230VAC Make: Teknic	02
10	I. Lamp RED for R-phase indication 230VAC Make: Teknic	02
11	I. Lamp YELLOW for Y-phase indication 230VAC Make: Teknic	02
12	I. Lamp BLUE for B-phase indication 230VAC Make: Teknic	02
13	6A, SP, 10kA, C Curve MCB Make: LK	14
14	6A, DP, 10kA, C Curve MCB Make: LK	04
15	16 Neutral Link Make: STD	02

**B) Bus Coupler**

<b>Sr. No.</b>	<b>Description</b>	<b>Qty</b>
1	ACB 4P EDO 1000A 50kA with O/L, S/C & E/F Microprocessor based, LSING Protection Make: LK and Model: C-power	01
2	Under Voltage coil Make: LK	01
3	TNC Switch Make: Kaycee	01
4	I. Lamp Green for ON indication 230VAC Make: Teknic	01
5	I. Lamp RED for OFF indication 230VAC Make: Teknic	01
6	I. Lamp AMBER for TRIP indication 230VAC Make: Teknic	01
7	6A, SP, 10kA, C Curve MCB	01

	Make: LK	
8	6A, DP, 10kA, C Curve MCB Make: LK	02
9	16 Neutral Link Make: STD	01

**C) Outgoing Feeders for incomer1 & 2**

<b>Sr. No.</b>	<b>Description</b>	<b>Qty</b>
1	SFU 100A, TPN Make: LK and Model: FN 100	12
2	100A HRC Fuse Make: LK	36
3	SFU 400 , TPN Make: LK and Model: FN 315	06
4	315A HRC Fuse Make: LK	18
5	SFU 630A, TPN Make: LK and Model: FN 630	02
6	630A HRC Fuse Make: LK	06
7	SFU 200A, TPN Make: LK and Model: FN 200	02
8	200A HRC Fuse Make: LK	06

**D) Misc. Job**

<b>Sr. No.</b>	<b>Description</b>	<b>Qty</b>
1	Wiring Material as required	1 AU
2	Labour Charges for installation of MV PDB	1 AU
3	Hardware as required	1 AU
4	SITC of three phase Energy meter	1 AU
5	Supply and laying of 3.5 x 300 sq mm aluminium armoured cable	80 M
6	Supply and providing of cable jointing kits of 3.5 x 300 sq mm	06 Nos.
7	Supply and fixing of HV Insulating PVC Mat	15RMT
8	Dismantling of Existing MVPDB and its cables	01 AU
9	Dismantling of MS cable trench form transformer to Existing panel	02 AU

**Specification Sheet: MVPDB's**

Sr. No.	Specifications	Quantity
1	<p>S/I/T/C of Medium Voltage Electric Power Distribution Panel Boards, suitable to use on 3 phase 4 bus system of operating voltage 380 – 450 V, 50 Hz, AC supply is as per below given details:</p> <p>The electric panel board should be base mounted type with a base of heavy duty M.S. “H” sections of size 100mm X 100 mm., fabricated out of CRCA grade sheet steel of 14 and 16 SWG, duly powder coated with RAL 7023 or IS 631 grade paint in siemens gray shade, should have suitable bus bar arrangement for all incoming and outgoing feeders, the bus bars should be of electrolytic grade Aluminium (1 Amp per Sq.mm capacity.) suitable shape , size and numbers to suit the current ratings of the feeders given below, the control wiring should be in 2.5 sq. mm. copper flexible wires in correct colour codes, the live parts of the panel should be covered with insulating sheet, the panel should have sufficient space for termination of all incoming and outgoing cables and the sufficient bottom plates shall be provided with suitable knock out holes for entry/exist of the cables ,the panel should be provided with Phase sequence indicator, LED type phase indicating lamps, Digital Voltmeter , Ammeter and a Multifunction meter for energy measurement for all incomers, also the major outgoing feeder up to rating of 630 A shall be provided with a Digital Ammeters with suitable CT's , the panel should have suitable ventilation arrangements, door locking , two nos. earthing studs at both ends and lifting bolts at the top, the panel shall be provided with Danger Notice Board as per IE rules, nomenclature with radium. The panel shall be ready to install and consisting of following control gears: -</p> <p><b>Incomer A:-</b> 1000 Amp. ,4 pole, draw out type, electrically operated, motorized spring charged, Air Circuit Breaker with microprocessor-based overload &amp; short circuit &amp; Earth fault releases for the protection and lockable trip push button for interlocking as desired. This will be used as normal supply incomer from 500 KV, 11 KV/415 V, existing power transformer.</p> <p><b>Incomer B :-</b> 1000 Amp. ,4 pole, draw out type, electrically operated, motorized spring charged, Air Circuit Breaker with microprocessor-based overload &amp; short circuit &amp; Earth fault releases for the protection and lockable trip push button for interlocking as desired. This will be used as incomer from 500 KVA, 11 KV/415 V, existing power transformer.</p>	1 Set

**Bus coupler:** - 1000 Amp. ,4 pole, draw out type, electrically operated, motorized spring charged, Air Circuit Breaker with microprocessor-based overload & short circuit & Earth fault releases for the protection and lockable trip push button for interlocking as desired. This will be used as bus coupler which will be used as and when required to change the supply from incomer No.1 to Incomer No. 2 .

**Castle key interlock:-** An electromechanical interlocking arrangement shall be provided between the above two ACB's so that at a time only one incomer ACB( either A or B) shall be switched ON and another can not be switched ON till the earlier one is put OFF/TRIPPED and vice versa.

**Outgoing for incomer No.1 :-** There shall be separate compartment for each outgoing feeder of following ratings for incomer No 1 and 2

- 1) Three sets of 630A, Switch Fuse Unit with Din type HRC Fuse Links- 01 Nos.
- 2) Three sets of 400A, Switch Fuse Unit with Din type HRC Fuse Links- 03Nos.
- 3) Four Sets of 250 A, Switch Fuse Unit with Din type HRC Fuse links- 02 Nos.
- 4) Four Sets of 100A, Switch Fuse Unit with Din type HRC Fuse Links.- 06 Nos.

**Outgoing for incomer No.2 :-** There shall be separate compartment for each outgoing feeder of following ratings for incomer No 1 and 2

- 1) Three sets of 630A, Switch Fuse Unit with Din type HRC Fuse Links- 01 Nos.
- 2) Three sets of 400A, Switch Fuse Unit with Din type HRC Fuse Links- 03Nos.
- 3) Four Sets of 250 A, Switch Fuse Unit with Din type HRC Fuse links- 02 Nos.
- 4) Four Sets of 100A, Switch Fuse Unit with Din type HRC Fuse Links.- 06 Nos.

**Energy meter** – supply, installation of 3 phase, 4 wire CT operated energy meter for the outgoing of 630 Amp SFU in separate compartment for the outgoing of Incomer No.2

**300 sq mm cable**

Supply of XLPE Aluminium Cable, 1.1 KV, 3.5 core x 300 mm<sup>2</sup> for laying new incomer cables from Transformers LT side and termination of cables in incomer with required lugs and double compression glands - 80 meter

<p>Make: Polycab/Finolex/Havells or Equivalent Each incomer should be three cables in parallel</p> <p><b>Cable Joint Kit</b> –Supply and providing of cable jointing kits. Heat Shrinkable, Straight through jointing, 1.1 KV, 3.5 X300 mm<sup>2</sup>. Make: Raychem/3M/Super-Seal or eqvi.- 06 Nos.</p> <p><b>HV Insulating PVC Mat</b> - Supply and fixing of HV Insulating PVC Mat, 11 KV Insulating rated, 1.0 meter width X 03 mm thick, Dielectric strength of 11 KV as per IS 15652-2006 for fixing all around MV PDB Make: Electro mat or Equivalent. Makes of the acceptable control gear to be used in the panel board, - 15 RMT</p> <p style="text-align: center;"><b>Makes of the acceptable control gear to be used in the panel board</b></p> <ol style="list-style-type: none"> <li>1. Air Circuit Breaker : L&amp;T / Siemens only.</li> <li>2. Switch Fuse Unit &amp; Fuse Links : L&amp;T / Siemens only.</li> <li>3. Digital meters and indicators : Conserve only.</li> <li>4. CT's : AE only.</li> <li>5. Control wires : Polycab / Finolex only.</li> </ol> <p><b>Dismantling of Existing MVPDB</b> -Complete Dismantling of existing MV PDB and shifting of the panel to the area shown by ISP and its cables . Also dismantling MS cable trench and busbars of both the transformers up to existing MC PDB . The same cables used by retouring for the new MVPDB and termination of the cables with required size lugs and glands</p>	
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### 1. Scope of work: -

- (i) The all above schedules of work are for making a new provision of MV PDB through turnkey design, fabrication, supply installation testing and commissioning of said panel board in ISP's EX GCD Substation in place of existing MVPDB.
- (ii) Since the new panel board is to be installed in place of existing working panel, if required, the bidder will have to make suitable arrangement by dismantling, disconnecting, shifting, erecting at another place, then re-connecting, re-terminating the power /control cables temporarily and put in normal working of the existing panel(s) till the installation of new panel(s) in place is completed so as to avoid maintain power supply continuity to ISP factory & township.
- (iii) The interested bidders must submit, along with the technical bid, the General Arrangement (GA) drawing showing overall dimensional details along with

Single Line Diagram (SLD) showing interconnection scheme of all equipment's their ratings viz. ACB, CT, PT, Bus bars, Protective relaying arrangement and Metering arrangement etc.

- (iv) The interested bidders must submit, along with the technical bid, the various products catalogues showing technical details & features of the panel equipment's & panel accessories. The bidder will have to provide complete manufacturer's specifications for all major items that are to be supplied including part number, model number etc. The bidder will have to categorically mention the makes and models of the system offered.
- (v) The bidder will have to give an undertaking that they will provide after sales support which includes supply of spares and consumables for next 10 years, on-site and off-site Warranties of various equipment's and system installed.
- (vi) The bidder will have to confirm in writing along with the bid that all the offered ACB, CT, PT, Bus bars, Insulators, Protective relays, Control & indication devices and Cables, cable joint kits & wires etc are of proven technology, latest type and the spares required for the offered panels will be made available for next 10 years.
- (vii) The bidder will have to give in writing that the offered Switchgear and its accessories are not obsolete and they will provide the after sales services for the next 10 years and consumables required for the system shall be readily available in the market for next 10 years.
- (viii) All the provisions made under this work shall be complete in all respect and any item or equipment or accessory not specifically mentioned in this specification but considered essential for efficient and satisfactory operation of individual equipment and system as a whole shall also be included in the offer.
- (ix) Any material or accessory which may not have been specifically mentioned but which is necessary or usual for satisfactory and trouble-free operation and maintenance of the equipment shall be furnished without any extra charge.
- (x) All material and equipment supplied under this specification shall be new and unused.
- (xi) The completion cum suitability report to release the payment will only be issued if the panels supplied & installed are found satisfactory working for a period of 06 days.
- (xii) The BOQ is tentative defining only the major equipment's and their related integration works but all the auxiliaries and necessary hardware, systems or any other material required for such integration has to be supplied by the successful bidder to complete it as a whole system in the same scope.
- (xiii) The bidder on whom Purchase Order will be placed will have to submit detail GA drawings, layout plan of the panel, civil works and cable routes for approval of ISP authorities prior to starting the work.
- (xiv) Since the work is to be carried out in working substation, the shut downs will be planned by ISP as per ISP's convenience.
- (xv) Since the entire work is to be completed on turnkey basis, all tools' tackles, measuring equipment's or any services including that of lifting and shifting and digging devices etc complete with required skilled and unskilled

labour for completion of this project in all respect are to be brought and arranged by the bidder. ISP shall provide only free electricity and water.

- (xvi) The bidder will have to give all the final lay out drawings, SLD, drawings/ manuals of major switchgear and relay assemblies, Test report etc in triplicate in hard copy format after completion of work.

## **2. COMPLETENESS OF WORK: -**

The bidder should ensure that the offer submitted by them is complete in all respect. In order to meet the completeness of the offer, during the execution stage, if any additional items /services are required to meet the completeness of the work, the bidder has to supply the item/items even if the vendor in his offer did not anticipate it and no extra cost shall be paid to the contractor other than the contract amount.

## **3. SECURITY NORMS TO BE FOLLOWED.**

- (i) The successful bidder will be responsible for ensuring safety of their employees working under them while they work inside ISP factory premises.
- (ii) The successful bidder will be responsible for any act of Contractor which amounts to contraventions of any act/provisions of Factories Act 1948 and other statutory laws.
- (iii) The successful bidder will ensure and monitor the following: --
  - (i) The successful bidder will nominate one of the competent supervisors, who in addition to his duty will be responsible for the Safety of the employees working under them. The name of the Supervisor shall be informed to the Safety Officer of ISP along with his address before commencement of the work.
  - (ii) The successful bidder will submit their date wise detail work schedule /work plan in prescribed format to Safety department of ISP before start of the work. This is very essential to identify the risk(s) and for job safety analysis.
  - (iii) The successful bidder will provide at his cost all Personal protective equipment to their every employee and will ensure their use for their safety.
  - (iv) Any electrical connections will be taken only with the written permission from Electrical department of ISP.
  - (v) The successful bidder will ensure that their employees will “not smoke” in ISP premises and will not bring any mobile, pen drives, camera or any such electronic gadgets.
  - (vi) The successful bidder will ensure that the hand tools, other equipment, ladders etc are maintained in good working condition and will also ensure that they are safe and free from risk to the employees and their health.
  - (vii) All the electrical equipment and machine(s) brought by the contractor shall be properly electrically grounded and guarded for their safe working.
  - (viii) For working at height, welding works, gas cutting works, excavation works, working on fragile roof, working on electrical lines or any work of similar nature, the principal agency and the Contractor will inform the Safety department of ISP in advance and seek “permit to

work” from Safety Department of ISP, in given format.

#### **4. SECURITY AND SAFETY CODE: -**

**A.** Safety code to be followed by all contractor/their employees: -  
ISP is registered under factories Act 1948 and hence ISP has to meet all the provisions of factories act and related labour laws and their respective provisions under these Acts, to fulfil the statutory obligations. Therefore, the successful bidder will have to follow all these Rules and regulations prevalent in ISP.

**B.** Police verification report in respect of contractor and his employees. -

- (i) The Contractor and his employees will have to submit Police verification report (PVR) brought from Police Authorities before start of the work. Unless the PVR is submitted permission to work will not be granted. The PVR will be considered valid for a period of one year from the date of issue and if the work is extended beyond that period, a new PVR will have to be submitted.
- (ii) The successful bidder will coordinate with CISF, Safety department, Fire Fighting department and user department of ISP. The Contractor/integrator/vendor will ensure all the safety and security norms of ISP and will ensure that the machine/plant equipment's are fully protected from damages.
- (iii) In case of any major or minor accident at site, they will have to inform the Safety Department immediately and the sole responsibility of such cases will be with the successful bidder.
- (iv) During the execution of the project, in case of any major or minor accident-causing loss to the employees of the bidder, the compensation of any type will not be borne by ISP. All legal and other formalities from local department/government shall be dealt by the Principal Agency/Contractor.

#### **B) Pre-Qualification Criteria:**

(a) The bidders should give a declaration that they have not been blacklisted or debarred for dealing by Government of India or any Government / PSU/ Reputed organisation in the past.

(b) The documents in support of Expression of Interest need to be submitted duly signed by authorized representative of the company.

(c) The bidder shall be a manufacturer of **LT PDB Panel** for at least last three years and supplied & commissioned the Indoor Panel with the same or higher specifications of at least one number in last three years ending on “31.03.2025”. At least one number of the product offered for supply should be in successful operation for at least one year on the date of bid opening. The bidder should provide the documentary evidence for the same.

(d) The interested bidders shall also submit copies of Audited financial statement for the last Five (05) years i.e. 2020-2021, 2021-2022 and 2022-2023, 2023-2024, 2024-2025.

**C)** The bidder should also confirm specifically that:

- (a) Applicant is competent and legally authorized to submit and/ or to enter into legally binding contract.
- (b) The firm should confirm their annual installed capacity for Supply, Installation, Interfacing, Testing & commissioning of **LT PDB Panel**.
- (c) Applicant will absolve the purchaser against any infringement of patent rights and other contract provisions.
- D)** The duly filled details along with supporting documents and budgetary offer(s) with respect to **LT PDB Panel** at India Security Press, Nashik.

The same may be submitted in person or through courier/ registered post/ speed post so as to reach the following address on or before the prescribed date and time as under:

The Chief General Manager,  
India Security Press,  
Nashik-422 101  
Phone No 0253 2402219, 0253 2402435  
Fax No 0253 2462718  
Email: [purchase.isp@spmcil.com](mailto:purchase.isp@spmcil.com)

**Last date and time for receipt of Expression of Interest: 07/07/2026 at 14:30 Hrs. (IST)**

**Date and time of opening of Expression of Interest at 15:00 Hrs. (IST) on 07/07/2026.**

Place of opening of Expression of Interest

India Security Press,  
Nashik Road 422 101  
Maharashtra, India

**E)** Delay due to postal/Courier etc, will not be entertained. Expression of Interest received after the due date and time will be rejected.

Jt. General Manager (TO)/Purchase  
For Chief General Manager  
India Security Press,  
Nashik Road-422101