

ANNEXURE-'A'Enquiry No. 1837/SGMC/O&M/PC-2711Dated: 24-07-2025Due on 08-08-2025**SCHEDULE OF REQUIREMENT**

Sr. No.	GHTP Store Code	Description of Material	Unit	Qty. Reqd.
1	90250103	Local Electrical Panel, 415VAC, 3-Phase, 50Hz, Detailed specifications as per attached Annexure-I.	No.	1
2	EC103635	LT Power Cable, 1100V Grade, Conductor material: stranded Aluminium, Size: 3CX35mm ² , Insulation: XLPE, Inner sheath: PVC, Outer sheath: FRLS PVC, Colour of outer sheath: Black, Armoured cable conforming to IS 7098-1.	Mtr.	130
3	EC103616	LT Power Cable, 1100V Grade, Conductor material: stranded Aluminium, Size: 3CX16mm ² , Insulation: XLPE, Inner sheath: PVC, Outer sheath: FRLS PVC, Colour of outer sheath: Black, Armoured cable conforming to IS 7098-1.	Mtr.	10
4	EC103610	LT Power Cable, 1100V Grade, Conductor material: stranded Aluminium, Size: 3CX10mm ² , Insulation: XLPE, Inner sheath: PVC, Outer sheath: FRLS PVC, Colour of outer sheath: Black, Armoured cable conforming to IS 7098-1.	Mtr.	70
5	EJ450610	Double compression, weatherproof type cable gland for 3 core armoured power cable (3Cx35sq.mm.), Cable outer dia; 24mm approx. Make :Comet, Dowell, Cosmos.	No.	4
6	EJ450603	Double compression, weatherproof type cable gland for 3 core armoured power cable, (3Cx10sq.mm.), Cable outer dia; 17mm approx. Make :Comet, Dowell, Cosmos.	No.	8
7	EJ450602	Double compression, weatherproof type cable gland for 3 core unarmoured control cable (3Cx2.5sq.mm.), Cable outer dia; 13mm approx. Make :Comet, Dowell, Cosmos.	No.	8
8	40250108	Mushroom head Emergency stop Push Button complete set fixed in metallic enclosure, 1NO+1NC, contact rating: 110VAC/6Amp., Rated insulation Voltage:500V (Min.), Push Button Head Dia: 40mm ² , Terminal Capacity: 1X2.5 sq.mm, Type: Push to Lock, Turn to Release, knock out (hole) for cable entry from bottom with fixing nut bolts. Make: Teknic, BCH, Siemens, Hensel, C&S, Schneider, ABB.	No.	4

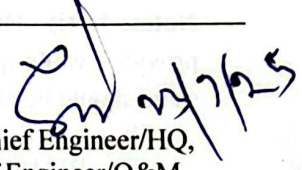
Notes:-1. (i) The firm must have **GST Registration number & PAN No.** and same should be provided while quoting the rates. If the firm is registered under 'Composite Levies' then the same should be clearly mentioned in the quotation.

- (ii) The firm must provide HSN Code in price schedule Performa in Annexure 'C'.
- (iii) Bidder have to submit the documentary evidence (Latest copy of memorandum of Micro Small & Medium Enterprises filed under section-8 of MSMED Act, 2006 duly acknowledged by competent authority) of being a Micro, Small & Medium Enterprise, If the bidder does not submit the proof at the time of submission of its bid, it shall be considered as a Large Enterprise.
- (iv) Tax Rate as provided in quotation shall be final.
- (v) Any change in GST Rate after the submission of quotation and before the supply (with in delivery period) will be in PSPCL account. However no extra payment on account of increase in GST Rate after the delivery period or supply of material will be made whichever is earlier.

- (vi) Due to misclassification of HSN code increase in tax will be in supplier account. However due to misclassification of HSN code decrease in tax will be refunded to the PSPCL.
2. Negotiations, if at all required, shall be held only with the lowest tenderer.
 3. Rates should be quoted by the suppliers in their quotations both in figures as well as in words as per Annexure-'C'.
 4. Attached price break up schedule must be filled and prices must be type written.
 5. For Tendering value less than Rs. 5 lac EMD will not be applicable. Tendering value Rs. 5 Lac and above EMD @2% of the Tender value rounding to the multiple of Rs.10/- on higher side subject to minimum of Rs.10,000/- and maximum of Rs. 20 Lac.
Note:- Tender value is to considered including all taxes and other charges. EMD will be applicable on Standardized Firms also.
 6. **SECURITY DEPOSIT-** The successful Tenderers shall be required to submit Security deposit for faithful execution of the purchase order/Contract of value exceeding Rs. 1,00,000/- at the rate of three percent (3%) of ordered value rounded off to a multiple of Rs. 10/- on the higher side. Tenderers exempted from EMD up to Rs. 5.0 Lac will have to submit security deposit for Purchase Orders valued above 1.0 Lac.
Note:- As security deposit will not be applicable on supply of proprietary items and firms supplying material under DGS& D rate contract. Security deposit will be applicable on Standardized Firms also.
 7. The payment will be made through RTGS system of digital payments only instead of Cheque/DD. The firm must submit Bank A/c details with the quotation.
 8. Your quotation must be valid for at least 120 days from the date of opening.
 9. Hand written/conditional quotation shall not be accepted.
 10. All other terms and conditions of Annexure-B (attached) and PSEB/PSPCL Purchase Regulations, 2017, amended upto date, shall be applicable.
 11. The firm should not be blacklisted by PSEB/PSPCL or any other Govt. Deptts./ Organizations.
 12. Quantity mentioned in schedule of requirement can be divided and ordered on more than one supplier.
 13. The quotation/tender may be submitted either in person or through registered post but not through courier as courier service is not available at GHTP, Lehra Mohabbat.
 14. "TDS u/s 194Q of Income Tax Act shall be deducted, as applicable."

IMPORTANT NOTE:-

EMD IS PAYABLE THROUGH CASH RECEIPT OR THROUGH DEMAND DRAFT PAYABLE AT LEHRA MOHABBAT/RAMPURA PHUL IN FAVOUR OF AO/O&M, GHTP, LEHRA MOHABBAT .


For Dy.Chief Engineer/HQ,
Chief Engineer/O&M,
GHTP, Lehra Mohabbat

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ANNEXURE-I

Specifications for Local Electrical Panel

LEP Specification Vol 1, 1/2
21/1/25
(ASE/SGML)

1. General Requirements:

- i) Type: Indoor
- ii) Ingress Protection (IP): IP42
- iii) Mounting: Base-mounted (floor-standing)
- iv) Rated Voltage: 415V, 3-phase, 50Hz
- v) Cable Entry: Bottom entry for all cables
- vi) Application: Motor Control Panel
- vii) Feeders:
 - Incomers: 2 Nos.
 - Outgoing Feeders: 4 Nos.
- viii) Enclosure:
 - Material: CRCA sheet steel
 - Sheet Thickness: 2.0 mm
 - Paint Finish: Powder-coated
 - Color Code:
 - Exterior: RAL7032 (shade 63)
 - Interior: Off-white
- ix) Earthing: 2 separate earthing terminals to be provided
- x) Component layout and cable termination shall be designed to avoid overcrowding and ensure ease of maintenance.

2. Incomer Specifications

Each incomer shall include the following:

- i) 63Amp, double Isolating SFU, Make: L&T
- ii) ON indication lamps for supply status
- iii) Each incomer should feed two outgoing feeders for load distribution.

3. Outgoing Feeder Specifications (For 7.5kW Motors)

Each of the 4 outgoing feeders shall comprise:

- i) 32A Double Isolating SFU, make: L&T, fitted with 25A fuses
- ii) 3-Pole Power Contactor, type: MNX32, 110V AC coil, make: L&T
- iii) Thermal Overload Relay, setting range: 10-16A, make: L&T, Overload reset provision should be provided outside panel through reset cord.
- iv) Local Control:

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- 1 No. ON Push Button (Green)
- 1 No. OFF Push Button (Red)
- v) Indications:
 - ON, OFF, and TRIP lamps for each feeder
- vi) Tripping Provision:
 - Control circuit must include provision for tripping through ETPB (Emergency Trip Push Button)
- vii) Internal Wiring:
 - Power cables: 1.1kV grade, XLPE insulated, multi-stranded copper wires of appropriate size to prevent any heating issues.
 - Control cables: 2.5 sq.mm, copper conductor, XLPE insulated.
 - Appropriately sized thimbles and cross ferrules must be used for terminating all panel wiring.

4. Control Supply

- i) Control Voltage: 110V AC
- ii) Control Transformer:
 - 2 Nos. 415V/110V AC Control Transformers (1 per source), adequately rated to handle control load per panel.

5. Cable Sizes

- i) Incoming Power Cables:
 - 2 Runs of 3C x 35 sq.mm Al cables, Cable Outer dia.: 24mm Approx.
- ii) Outgoing Power Cables:
 - 4 Runs of 3C x 10 sq.mm Al cables, Cable Outer dia.: 17mm Approx.
- iii) Outgoing Control Cables (for ETPB):
 - 4 Runs of 3C x 2.5 sq.mm Cu cables, Cable Outer dia.: 13mm Approx.

Important Points:

1. Electrical circuit drawing of panel should be vetted and approved from concerned end user/Engineer-in-charge of PSPCL.
2. Hinges, panel lock and other material used in making panel should be of heavy duty and superior quality.
3. Size of panel should be designed as such to avoid overcrowding and ensure ease of maintenance.


21/7/25
(ASE/SGMC)