

INDIAN BANK,
CORPORATE OFFICE, ESTATE DEPARTMENT
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Royapettah, Chennai - 600 014.
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**PRICE BID
(PART – 2)**

Tender document for Electrical works for Supply & Installation Testing, commissioning of emergency power supply system at Indian Bank, Corporate Office building, Chennai 600014.



ISSUED TO

M/s. _____

Consultant
M/s. Energy Multiples
K P Muralidharan / energymultiples@gmail.com / Mbl No: 9840056505

This document contains 06 pages

Tender No. CO:EST:EB:2025-26:001; 29.05.2025



of Bidder

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S.No	Description of work	Unit	QTY	Supply		Installation		Total Amount
				Rate (in Rs)	Amount (in Rs)	Rate (in Rs)	Amount (in Rs)	(in Rs)
1	SITC of floor mounting cubicle <u>outdoor type</u> Emergency panel with double door and conforming to IP-54 and the technical specifications given in the tender, SLD and general arrangement dwg. The same shall be equipped with following. 1250A aluminium bus bar 50 kA for 1 second 1 no incomer equipped with 1250A MTS coupled with 1250A ACB, 50 kA MDO with built in microprocessor controls and front operating handle LED type RYB indication lamps protected with fuses LED type position indication lamps for 1250A MTS for indicating AMF/Emergency panel protected with fuses Outgoing feeders as follows: 6 No 200A 4P MCCB, 12 no 100A 4P MCCB, 30 no 63A 4P MCCB. All MCCBs. All MCCBs shall be 50kA rated with built in thermal overload and magnetic short circuit releases and with front operating handle. The work also includes constructing a concrete platform of size 1200mm (W) x 5700mm (L) x 450mm (H)	1	No					
2	Wall mounting type MTS housed in powder coated CRCA boxes of following ratings							
2.1	200A 4P	6	Nos					
2.2	100A 4P	12	Nos					
2.3	63A 4P	30	Nos					
3	SITC of aluminium/ copper conductor armoured XLPE cable as per technical specifications to be routed in overhead cable trays/ through underground trench/ through HDPE pipes and through cable shafts							
3.1	3.5x400 Sqmm aluminium	50	Mts					
3.2	3.5x150 Sqmm aluminium	530	Mts					
3.3	3.5x95 Sqmm aluminium	1040	Mts					
3.4	3.5x70 Sqmm aluminium	340	Mts					
3.5	3.5x35 Sqmm aluminium	955	Mts					
3.6	4x10 Sqmm copper	3213	Mts					
3.7	4x2.5 Sqmm copper	2562	Mts					
3.8	4x1.5 Sqmm copper	340	Mts					
4	Re- routing of existing cable after removing the end terminations, re-termination at the new location (Maximum length of each cable shall be 5 Mt)							



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4.1	5R 3.5x400 Sqmm AL	1	No					
4.2	3.5x150 Sqmm AL	13	Job					
4.3	3.5x95 Sqmm AL	10	Job					
4.4	3.5x35 Sqmm AL	16	Job					
4.5	4x10 Sqmm CU	42	Job					
4.6	4x2.5 Sqmm CU	36	Job					
4.7	4x1.5 Sqmm CU	8	Nos					
5	Supply & fixing of end termination with single compression brass cable gland and copper/ Al crimping sockets. The work also includes earthing of gland and connecting same to nearest earth grid with 14 SWG copper wire							
5.1	3.5x400 Sqmm AL	15	Nos					
5.2	3.5x150 Sqmm AL	38	Nos					
5.3	4x10 Sqmm CU	42	Nos					
5.4	3.5x95 Sqmm AL	20	Nos					
5.5	3.5x70 Sqmm AL	8	Nos					
5.6	3.5x35 Sqmm AL	16	Nos					
5.7	4x10 Sqmm CU	42	Nos					
5.8	4x2.5 Sqmm CU	36	Nos					
5.9	4x1.5 Sqmm CU	8	Nos					
6	Earthing							
6.1	Double earthing of emergency panel with 25x3mm copper strip and terminating the same to two earth electrodes	50	Mts					
6.2	Double earthing of MTS boxes with 10 SWG copper wire and terminating the same to the earth grid	400	Mts					
6.3	SITC of 17.2mm dia 2 Mt long low carbon steel pipe earth electrode bonded with 250-micron copper with GI clamp to be installed in a suitable bore and filled with environment friendly back filling compound. An RCC trough of size 300x300mm shall be provided with an RCC cover for protecting the electrode (2 no for body earthing of emergency panel	2	Nos					
7	Supply and laying of rubber mat 2mm thick conforming to IS-15652 of size 1 Mt x 2 mt to be laid in front of Emergency panel	4	Nos					

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8	Supply and installation of GI perforated cable tray to be suspended from ceiling with GI threaded rods with necessary accessories / fixing arrangements fasteners etc., to complete the job							
8.1	150mm wide	100	Mts					
9	Supply and installation of GI ladder type cable tray to be suspended from ceiling with GI angles with necessary accessories / fixing arrangements fasteners etc., to complete the job							
9.1	600mm wide	100	Mts					
10	Core cutting of RCC wall of the basement of size 300x300mm and thickness about 150mm for routing cables from ground level to basement and finishing the as per the present condition with concrete and finishing should be such a way to prevent water ingress / water proof, with all necessary materials to complete the job.	1	Job					
11	HDPE pipes							
	Clearing of existing cable trenches from DG set to basement via 11 KV RMG and supply & laying of HDPE pipes to route the cables from Emergency panel to various equipment installed at the basement. The work also includes removal of existing paver blocks and re-fixing same after closing the trench, this includes all necessary materials which may be required to complete the job.							
11.1	200mm dia HDPE pipe	50	Mts					
11.2	Construction of 600x600x450mm inspection chamber constructed out of brick masonry with cement plastering in the interior and with top cover of heavy duty FRP	2	Nos					
12	Extending the existing fencing of DG yard to cover the newly erected Emergency panel with required gate i.e. Supply, Fabrication and fixing of fence, which shall be similar to existing fencing with GI wire mesh panels fixed with angle iron frames and supporting with MS channel posts grouted with cement concrete in the ground. One no. access gate to be provided along the length of along the fence. The MS channels and angles shall be painted with one coat of primer and two coats of aluminium paint after thorough cleaning. Approx.: length of the fencing is 374 ft and height 4.92 ft.	300	Sqft					

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	one number gate shall be provided of size approx. 9ft (width), height 4.92 ft with suitable MS Channel / angle with required fixing arrangements. Note: exact fencing measurement shall be taken at the site.							
13	Supply, Fabrication, constructing a shed of size 34 Ft (L) x 11 Ft (W) x 12 ft to 3.5 Ft lean (from top) to (H) with MS channels and angle iron purlins and covering the top with 1.2mm thick corrugated GI sheets with proper GI bolting etc. The vertical support shall be box type with spacing 3mts with channel 75x75x3.2mm. The 1.2mm thick corrugated GI sheets shall be provided / fixed from the top at back side (5ft), front (2ft), left & right side (5ft with slop of 3.5ft) as per the slop and with necessary civil concrete pedestals with suitable depth to support the shed. The MS channels and angles shall be painted with one coat of primer and two coats of aluminium paint after thorough cleaning	375	Sqft					
	Total value of works without GST							
	Add GST%							
	Total value of works with GST							

Note: No modification i.e addition or deletion of columns or rows in-between the price bid or at the end of the price bid is permitted in this BOQ in any form. If found so, their bid will not be considered for further evaluation and will be cancelled. No communication will be entertained in this regards.

Rupees in words including GST
Rupees

.....
..... Only

Date:

Authorized Signature with Seal



Seal & Signature of Bidder