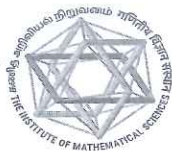


विनयलता एस.
Vinayalatha S.
कुलसचिव
Registrar



गणितीय विज्ञान संस्थान
THE INSTITUTE OF MATHEMATICAL SCIENCES
(परमाणु ऊर्जा विभाग, भारत सरकार का एक स्वायत्त संस्थान)
(An Autonomous Institution under Dept. of Atomic Energy, Govt of India)
CIT CAMPUS, TARAMANI, CHENNAI - 600113



फोन/Phone: 044-22543150 & 044-22541416 (Direct), 044-22543100/166(Board) फ़ैक्स/Fax : 044-22541586 (general)
वेबसाइट/Website : www.imsc.res.in ईमेल/Email: registrar@imsc.res.in

Ref: IMSc / Main gate security / Renovation / 2025

Date: 30.04.2025

To :

Sir,

Kindly send your competitive Quote / rate for the following renovation of Electrical distribution system and its associated works in Main security gate at IMSc, Chennai-113. Experienced Electrical license holding contractors are requested to inspect our site and send your sealed quotations **to reach us on or before 07.05.2025 at 18.00 hrs.** The Institute reserves the rights to reject any or all the quotations without assigning any reason. Electrical contractors are requested to quote their rates after inspection and the scope of works mentioned below. Also it is mandatory to indicate our reference number and due date in the top of your envelope / quote. Our contact number : In-charge (Electrical), 044 - 2254 3149.

Tenderers are advised to take note of the following points into consideration while quoting

1. E - mail/ fax quotations will not be accepted.
2. Late quotations will not be considered.
3. The tenderer should attach their ESB / EA contractor license with live validity, completed similar work order and work completion certificate from the organizations within last five years is only the eligible to qualify for the technical evaluation..

Enclosed : Blank Schedule.

Vinayalatha S.
30.4.2025

Registrar

For and behalf of the Director
IMSc

A. STRUCTURE & ORGANISATION DETAILS ABOUT CONTRACTOR :

NOTE: Below details to be filled by the contractor and this is to be submitted along with their offer.

1 Name & Postal Address of the applicant:

2 Telephone No./Telex No./Fax No:

3 Legal status of the applicant (Please tick and attach attested copies of original document defining the legal status)

(a) An individual; (b) A proprietary firm; (c) A firm in partnership

(d) A limited company or Corporation

4 Particulars of registration with various Government bodies (attach attested photocopy)

Dept./Organisation & Place of registration Registration No:

5 Names and Titles of Director & Officers with designation proposed to be concerned with this work.

6 Designation of individuals authorised to act for the organisation.

7 Was the applicant ever required to suspend any work for a period of more than six months continuously after you commenced their service? If so, give the name of the project and reasons of suspension of work.

Has the applicant or any constituent partner in case of partnership firm, ever abandoned the awarded work before its completion? If so, give name of the project and reasons for abandonment.

9 Has the applicant, or any constituent partner in case of partnership firm, ever been debarred / black listed for tendering in any organisation at any time? If so give details.

10 Has the applicant, or any constituent partner in case of partnership firm , ever been convicted by a court of law? If so, give details.

Name and address of the authorized signatory

SCHEDULE OF PREFERRED MAKE OF MATERIALS

<u>SL.No</u>	<u>Description of Material Reference</u>	<u>Preferred Make</u>
1 & 2.	Distribution Boards	Legrand, L&T & Siemens.
3.	1100 V grade HR PVC / XLPE cable	Polycab, KEI & Universal.
4.	Cable gland (heavy duty)	Comet, Prabhat & Jainsons Bharat. HMI.
6.	RCCB	Legrand, L&T & Siemens.
7.	MCB	Legrand, L&T & Siemens.
8.	FRLS MSCC Wires	Power flux, Polycab, L&T.
9.	Telephone wires	Finolex, polycab and L&T.
10.	Modular switches, sockets RJ 11, fan regulators, Front plates & Modular Boxes	Crabtree (Thames sapphire) / Legrand / Technically equivalent.
11&12.	PVC Conduits & Accessories	Modi / Vasavi / Polycab .
	<u>Light fixtures :</u>	
13. a)	Lights	Philips. Catalogue No : RC380B LED36S-6500 G6.
13. b)	Light fixtures	Philips or Technically equivalent. Catalogue No :TMC 502 1xT-LED 22W
13. c)	Light fixtures	Philips or Technically equivalent. Catalogue No : ASTRA PRIME, 5W
13. d)	Light fixtures	Philips or Technically equivalent.
13. e)	Ceiling fans	Crompton / Usha or Technically equivalent.
13. f)	Wall mounted fans (heavy duty)	Almonard, Havells, Crompton / Usha or Technically equivalent.

<u>SL.No</u>	<u>Description of Material Reference</u>	<u>Preferred Make</u>
13. g)	Exhaust fan	Almonard, Crompton / or Technically equivalent.
13. h)	Geyser	V- Guard / Bajaj / Havells / Crompton / Venus.
13. i)	Telephone instrument	Panasonic / BEETEL or Technically equivalent.

SCHEDULE OF QUANTITIES FOR THE WORK.

Name of the work: Renovation of Electrical distribution system and its associated works in Main security gate at IMSc, Chennai-113

The rate quoted shall be inclusive of GST and IMSc will not entertain any claim whatsoever in this respect.

Sl. No.	Description of Item	Qty	Rate (S)	Rate (E)	Total Rate	Unit	Amount
1	2	3	4	5	(S+E) 6	7	8
			Rs.	Rs.	Rs.		Rs.
1.00	Supply, embedment testing and commissioning of following size flush mounting new VTPN DB double door enclosure with Phase, Neutral and Earth Bus and interconnecting all wires with necessary civil masonry works. All masonry works shall be neat finishing with existing brick and as directed by Engineer in-charge.						
a)	DB TPN - VTPN 6 Way (6 Plus 18) with metal door. Incomer - 1 No, 100A FP MCB Out going – 3 no's- 32A TP MCB, 9 nos, 6 - 32A SP MCB.	1				set	
2.00	Supply, embedment, testing and commissioning of following size new SPN DB 32 / 40 A , 6 way, 250V, single phase, HORIZONTAL metallic double door DB,copper busbars,neutral link and earth link with all terminations and earthing suitable for new wirings. SITC of new DB with all masonry works for neat finishing and as directed by Engineer in-charge.						
a)	Incomer: 1 no , 32 / 40 A, 2 Pole RCBO, 30 mA.						
	Outgoing : 6-20A , SPMCB, C series as required - 4 no	2				no	
3.00	CABLING WORK Supply, laying, testing and commissioning of 1100V grade following sizes XLPE insulated and PVC sheathed Armoured Cu / Alu. UG cable including necessary cabling works and as directed by Engineer in-charge.						
3.1	In build up trenches, on walls with proper clamping on poles and through embedded pipes on floor / trenches including the accessories and fixing of all the material as per the scope of work and as directed by Engineer In-charge.						
a)	3.5C x 35 sq mm ALUMINIUM conductor cable	10				mt	
b)	4C x 4 sq mm copper flexible cable	150				mt	

4.00	End termination of the following 1100 V grade HR PVC insulated Armoured Copper / Aluminium conductor UG cables including supply of single compression heavy duty cable gland, crimping lugs and gland earthing etc. and as directed by the engineer in charge (Aluminium socket for aluminium cable and copper socket for copper cables)					
a)	4C x 35 sq mm ALUMINIUM conductor cable	2			no	
5.00	Earth work excavation in all type of soil for cable trenches to relocate the existing power cables. Back filling the same in to original Laval, consolidating and removing of excess soil as per the specifications included in the scope of works and as directed by engineer-in-charge.	10			cu.mt	
6.00	Supply and fixing of following specified rated RCCB breaker and metal sheet enclosures with earthing.					
a)	40 A, 30mA, 415 V RCCB with Metal box enclosure	3			no	
7.00	Supply and fixing of 1 no 20/25A, single pole MCB and 1no 25A 2 module power socket assembled in metallic modular box with 3/4 module front plate and supply and fixing of 1 no 25A, 2 module switch in metallic modular box with 2 module front plate suitable for split air-conditioners including brick wall cutting, masonry works to fix new socket box and new switch box with neat end terminations and earthing and as directed by engineer-in-charge.	1			set	
8.00	Supply, Laying, connecting and commissioning of following size FRLS copper wires in existing PVC conduits / trunking arrangements with necessary end terminations and earthings in wall / ceiling with necessary supports / clamps and screws etc. from various DB's to the equipments/ power points. The scope of work consist new wiring and termination with existing wires by professional grade soldering joints suitable for site condition and as directed by engineer-in-charge.					
a)	2 x 4.0 sqmm + 1 x 2.5 sqmm CU FRLS wires	25			mt	
b)	2 x 2.5 sqmm + 1 x 1.5 sqmm CU FRLS wires	390			mt	
c)	2 x 1.5 sqmm + 1 x 1.5 sqmm CU FRLS wires	200			mt	
9.00	Supply, laying and termination of 1 run of Cat 6 twisted UTP Cable in existing open / concealed PVC Conduits from krone box to all the security tables outlets including termination and supply of Cat 6 communication socket (RJ-45) with front plate and as directed by engineer in charge.	2			point	
10.00	Supply , Installation, testing and commissioning of approved make modular type metallic boxes, switches, sockets, Step type Fan regulators, base plates, cover-plates, dummy plate etc. as directed by engineer in charge. The removal of existing flush type boxes and other accessories from the wall and supply and fixing of new boxes and accessories with neat finishing suitable for the walls including required civil finishing works are included in the scope of the works. (Refer Preferable make section for more details)					

a)	6 / 10 A one way Switch	35				no	
b)	16A one way switch with indicator.	5				no	
c)	6 / 10 A 5 pin Shuttered socket universal type	12				no	
d)	16 A 5Pin shuttered socket	5				no	
e)	One module dummy	10				no	
f)	2 / 3 modular high speed fan regulator	6				no	
g)	20A 3pin polycarbonate plug top	1				no	
	MODULAR METAL BOX (GI box 1.2 MM thickness)						
h)	2 / 3 module modular metal box	3				no	
h)	5 / 6 module modular metal box	9				no	
l)	7 / 8 module modular metal box	3				no	
	MODULAR BASE PLATES AND FRONT PLATES						
j)	2 / 3 module base plate and cover plate	3				no	
k)	5 / 6 module base plate and cover plate	9				no	
l)	7 / 8 module base plate and cover plate	3				no	
11.00	Supply and laying of following size BIS PVC conduits for various wirings, modification including necessary accessories like all bends, junction boxes, elbows and tees etc. and completion of the work and as directed by engineer-in-charge including chipping of walls / floors , laying of new conduits and cement plastering for neat workman ship suitable for concealed wiring .						
a)	32 mm dia Heavy duty Rigid PVC pipes	10				mt	

b)	25 mm dia Heavy duty Rigid PVC pipes	280			mt	
c)	19 / 20 mm dia Heavy duty Rigid PVC pipes	220			mt	
12.00	Supply and laying of following size BIS PVC conduits for various wirings, modification including necessary accessories like bend, junction boxes, elbow and tee etc. and completion of work and as directed by engineer-in-charge suitable for open wiring as required with neat workman ship.					
a)	32 mm dia Heavy duty Rigid PVC pipes	10			mt	
b)	25 mm dia Heavy duty Rigid PVC pipes	30			mt	
c)	19 / 20 mm dia Heavy duty Rigid PVC pipes	100			mt	
13.00	LIGHT FITTINGS					
	Supply, Erection, Testing and commissioning of wall / ceiling / suspended type following light fittings, Fans and exhaust fans with necessary accessories, support, fastners, bolt and nuts from ceiling and as directed by engineer-in-charge. Necessary flexible hose, adopter and enclosed connectors shall be provided to all the light fixtures. (Refer list of preferable make before quote the rates)					
a)	Supply, transportation, installation, testing and Commissioning of the following type of Recess mounted luminaires 36Watts, 3,600 lm, 6500 K, CRI >80, or equivalent and Lamp Type LED and as directed by engineer-in-charge.	2			no	
b)	Supply, transportation, installation, testing and Commissioning of the following type of light fixtures with the patti having Lumens ≥ 2100 , Wattage ≤ 22 , 6500K LED surface mounted luminaires or equivalent Lamp LED and as directed by engineer-in-charge.	8			no	
c)	Supply, transportation, installation, testing and Commissioning of the following type of Surface mounted luminaires. Catalogue No : ASTRA PRIME 5W 450 lumens, 1 feet or equivalent and Lamp Type LED and as directed by engineer-in-charge.	2			no	
d)	Supply, installation, testing and Commissioning of 100watts led flood light fitting Weather proof with IP66, Short circuit, open circuit protection, Surge Protection upto 6 Kv, 6500k or equivalent Lamp LED and as directed by Engineer In-charge.	6			no	

e)	Supply, Installation, testing and commissioning of 1200mm sweep, AC high speed, Copper winding ceiling fan with its complete set including down rod from the roof, required clamps, bolts, screws, hardware's etc., as required suitable for the site condition and as directed by engineer-in-charge.	6					no	
f)	Supply, Installation, testing and commissioning of 400 mm dia decorative corporate model wall fans with ON & OFF switch combined regulator with complete set as directed by Engineer In-charge.	3					no	
g)	Supply and fixing of MS 12" exhaust fan, single phase, Heavy duty, Classic series, including necessary frame work, air louvres, bolt and nuts etc., with neat workmanship and as directed by the engineer in-charge.	1					no	
h)	SITC of 10- 12 Ltr capacity, 230V, 50Hz, 3star rated electrical Geyser, fixing water hoses and end adopter etc suitable for site condition and completion of works and as directed by engineer-in-charge.	1					no	
l)	Supply and fixing of corporate model Telephone instrument with 16 digit caller id and speaker phone facility as required and as directed by engineer-in-charge.	2					no	
l)	Supply, Installation, Testing and commissioning of 20-pair telephone Krone box made by 16SWG MS metal door and locking facility including necessary end terminations and krone to krone connecting wires.	1					no	
14.00	Supplying and running of 8 SWG electrolytic grade copper earth conductor for grounding with necessary clamps, bolts, nuts and washers etc., suitable for the site condition.	25					mt	
15.00	Supply and fixing of 3mm thick approved make and colour Hylam sheet switch box cover with neat edge finishing as required and completion of the work with brass cup washers and brass screws as directed by engineer in charge.	0.25					sq.mt	
TOTAL Rs.								
Total Amount in words in _____								
[Contractor signature with seal and address]								