



# जानकी देवी मेमोरियल कॉलेज JANKI DEVI MEMORIAL COLLEGE

(दिल्ली विश्वविद्यालय)/(University Of Delhi)

सर गंगा राम अस्पताल मार्ग, नई दिल्ली-110060  
Sir Ganga Ram Hospital Marg, New Delhi-110060

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**आई एस ओ 21001 : 2018 व आई एस ओ 9001 : 2015 प्रमाणित एवं NAAC प्रत्यायित A+ महाविद्यालय**  
**An ISO 21001 : 2018 and ISO 9001 : 2015 Certified and NAAC Accredited 'A+' College**

संदर्भ संख्या/Ref. No. JDMC/2026-27/08

दिनांक/Dated. 15.04.2026

## निविदाएँ आमंत्रण सूचना.

### Notice Inviting Quotations.

नीचे उल्लिखित कार्यों के लिए प्रतिष्ठित ठेकेदारों/विक्रेताओं से सीलबंद वस्तु दर उद्धरण आमंत्रित किए जाते हैं। जिन्होंने पीडब्ल्यूडी/डीडीए/एमसीडी/एनडीएमसी/दिल्ली विश्वविद्यालय/किसी भी संस्थान इत्यादि में इसी तरह के कार्य निष्पादित किए हैं। जीएसटी कर पंजीकरण संख्या, पैन, अनुभव प्रमाण पत्र और अन्य प्रासंगिक दस्तावेजों द्वारा समर्थित उद्धरण यदि कोई हो, तो फर्म/ठेकेदारों/विक्रेताओं के लेटर हेड पर पिछले 3 वर्षों के दौरान इसी तरह के कार्यों के निष्पादन के प्रमाण के साथ प्रस्तुत किए जाएंगे। ठेकेदार/विक्रेता कार्य/स्थल को देखने के लिए किसी भी कार्य दिवस में सुबह 09:00 बजे से शाम 05:00 बजे तक महाविद्यालय आ सकते हैं। उद्धरण जमा करने की अंतिम तिथि 04-05-2026 को दोपहर 03:00 बजे तक है, जो उसी तारीख को दोपहर 03:30 बजे प्राचार्य जानकी देवी मेमोरियल महाविद्यालय के कार्यालय में खोली जाएगी। किसी भी विवाद की स्थिति में अधोहस्ताक्षरी का निर्णय अंतिम और बाध्यकारी होगा। अधोहस्ताक्षरी को बिना कोई कारण बताए सभी कोटेशन या किसी एक को पूर्ण या आंशिक रूप से अस्वीकार करने का अधिकार सुरक्षित है।

Sealed Item rate quotations are invited for mentioned below work from reputed Contractors/Vendors. Who had executed similar works in PWD/DDA/MCD/NDMC/ Delhi University/any institutions e.t.c. The Quotations supported by GST tax registration no., PAN, experience certificate and other relevant documents if any shall be submitted on the letter head of the firm/ contractors/Vendors. Along with the proof of execution of similar works during last 3 years. The Contractors/Vendors, may visit to the College to see the work/site on any working day from 09:00 am to 05:00 pm. Last date of submission of the quotation is **04-05-2026 up to 03:00 pm** which shall be opened on same date at 03:30pm in the office of the Principal Janki Devi Memorial College (JDMC). The Quotation received after the last date for whatsoever reason will not be considered. In case of any dispute (S) the decision of the undersigned will be final and binding. The Undersigned reserves the right to reject all the quotations or any one full or in part without assigning any reason thereof.

**कार्य का नाम: जे डी एम सी में विद्युत कार्य.**

**Name of Work- Electrical work in JDMC.**

**विवरण संलग्न**

**Details Attached**

**कार्य का नाम: जे डी एम सी में विद्युत कार्य.**

**Name of Work- Electrical work in JDMC.**

S.No.	Description of Work	Unit	Qty	Rate (Rs.)	Amount (Rs.)
<b>SECTION A - THERMOGRAPHY RECTIFICATION &amp; PANEL MAINTENANCE</b>					
1	Rectification of ALARMING thermal hot spots (8 locations identified in Thermal Imaging Report across DG Changeover Panel, Girls Hostel AMF Panel, and Admin GF Sub Main Panel-3). Work per spot includes: LOTO, cleaning with electronic-grade contact cleaner. re-crimping/replacement of burnt lugs and terminations, torque tightening of bus-bar joints, replacement of HRC fuses where required. IR re-verification after rectification. Conforming NFPA 70B & IS 5216. Rate differentiated: 4 spots at DG Changeover (extreme temps up to 391 deg C) require fuse + lug replacement; 3 spots at AMF Panel; 1 spot at Admin Sub Main.	Nos.	8		
2	Rectification of CAUTION level thermal hot spots at 5 identified locations (Girls Hostel AMF Main Incoming, JDVC 1st Floor Outgoing, Girls Hostel Vith Floor Outgoing, DG Changeover Main Incoming from TR, DG Changeover MCCB to Admin Panel). Includes cleaning, retightening, re-crimping, IR re-verification. Non-working hours execution.	L.S.	1		
3	Comprehensive cleaning and maintenance of all LT distribution panels, DG panels, AMF panels, changeover panels campus-wide (10 panels as per ESA Section 5): dust removal, connection tightening, replacement of damaged covers, fire-rated sealing (IS 12458) of all open cable entries. panel nomenclature and circuit identification labels (Traffolyte 3-ply). Excludes major repair items listed separately.	L.S.	1		
<b>Sub-Total - Section A</b>					
<b>SECTION B - EARTHING SYSTEM RECTIFICATION</b>					
4	Supply & installation of maintenance-free CHEMICAL EARTHING PIT (2m long, 50mm dia GI pipe electrode, CPRI tested - Ashlok/Avon/Kingsmill make) with crystalline backfill compound (2 bags x 25kg), HDPE inspection chamber 600x600x600mm with CI hinged cover, identification tag. Earth resistance target < 2 ohms per IS 3043. Locations: (1) DG 160kVA neutral, (2) DG 125kVA body, (3) DG 62.5kVA neutral, (4) DG Switchyard, (5) Hostel+JDVC Panel, (6) Main LT Panel.	Nos.	6		
5	Supply & laying of 25x3 mm hot-dip galvanised iron (GI) earth strip (IS 2062/IS 2633) for inter-connecting earth pits to panel earth bus-bar. Including: trench excavation min. 300mm deep, laying, welded joints with anti-corrosion bitumen coating, GI nut-bolt connection at both ends, backfilling & reinstatement.	Mtr.	75		
6	Providing & connecting earthing to all electrical panel doors using flexible braided tinned copper earth bond (16 sq.mm, 250mm long) with crimped lugs at both ends, fixing by M6 brass bolts to panel body and door. Campus-wide coverage.	Nos.	15		
7	Providing & fixing identification tags for earth pits: engraved 3mm acrylic plate (100x75mm) with S.No., equipment served, type (body/neutral), installation date, earth resistance value. Chain/wire fixing to pit cover.	Nos.	30		

8	Equi-potential bonding of all earthing stations across campus per IS 3043 Clause 11. Includes: identification of all earth pits and earth bus-bars, measurement of potential difference, bonding using 25x3mm GI strip or 16 sq.mm copper conductor where required, testing and certification.	L.S.	1		
9	Rehabilitation of existing underground earth pits: excavation to expose buried pits, construction of concrete inspection chamber (600x600x600mm, 1:2:4 PCC) with CI hinged cover, cleaning of earth strip connections, re-measurement of earth resistance, backfilling. For all existing pits that have gone below ground (approx. 12 locations per ESA Section 4.2.1).	Nos.	12		

**Sub-Total - Section B**

**SECTION C - ELECTRICAL SAFETY COMPLIANCE**

10	Electrical load balancing of 39 identified feeders (ESA Section 5) where current unbalance > 10%. Work includes: mapping of existing single-phase loads per feeder, redistribution plan (to be approved by engineer before execution), disconnection/reconnection of MCBs within DBs, re-measurement to confirm balancing < 10%. Completion certificate per feeder.	Nos.	39		
11	Panel safety improvements campus-wide (10 panels): (a) sealing of all openings with metal gland plates/blanking plates; (b) new engraved Traffolyte labels (3-ply, 60x25mm) for all feeders and circuits; (c) circuit identification on all DB panels.	L.S.	1		
12	Supply & fixing danger sign boards conforming to IS 2551: (a) MV danger plate 200x150mm; (b) authorised person list board; (c) emergency contact display; (d) CPR chart. Each set at electrical panel rooms, DG yard, transformer switchyard.	Set	10		
13	Electrical insulating rubber mat IS 15652:2006 Class C (3mm thick, 33kV AC rated, dotted anti-skid), size 1m x 2m, ISI marked (Jyoti/Vardhman/Duratuf make). Laid in front of all LT distribution panels and electrical rooms.	Nos.	12		
14	Electrical PPE kit per statutory requirements: electrical safety shoes (ISI IS 15298) 1 pair; safety helmet with visor (IS 2925) 1 No.; insulated hand gloves Class 0 (1kV) IS 4770 1 pair; insulated earth rod (1.8m) 1 No.; first-aid box (factory-grade) with contents; shock treatment chart (laminated). Packed in FRP wall-mounted box. One set per main electrical panel room.	Set	3		
15	CO2 type fire extinguisher 4.5 kg, ISI marked IS 15683:2018, seamless cylinder (IS 7285), ISI brass valve (IS 3224), 1m hose with PVC horn, wall mounting bracket. Near main electrical panels and DG sets. Including recharging of existing expired extinguishers.	Nos.	6		
16	Oil spill cleaning at main transformer yard: cordoning off area, application of oil absorbent pads + granules (non-flammable, biodegradable), collection & disposal per CPCB Hazardous Waste Rules 2016 to authorized handler. Work incl. documentation & manifest.	L.S.	1		

17	Repair of DG 125 kVA AMF panel: replacement of burnt B-phase connector/lug, re-crimping of all loose terminations, replacement of damaged cable glands, securing of open/hanging wires with proper cable ties and conduit, testing of AMF changeover operation. As observed in ESA site photographs.	L.S.	1		
18	Supply and installation of wall-mounted exhaust fan (12 inch, 230V, ISI marked) at Hostel/JDVC panel room for ventilation. Including wiring from nearest power point, switch, and aluminium louvre. As recommended in ESA site observations.	Nos.	1		

**Sub-Total - Section C**

**SECTION D - POWER QUALITY CORRECTION**

19	Inspection, testing, and repair of existing 210 kVAR APFC bank (8 Nos. L&T capacitor panels per Energy Audit Table 9: 4x25kVAR, 2x50kVAR, 2x5kVAR) on both feeders. Work includes: (a) Inspection of APFC controller, contactors, fuses, wiring; (b) Replacement of faulty APFC relay/controller if defective; (c) Replacement of contactors/fuses as needed; (d) Re-wiring of CT and control connections if damaged; (e) Testing each capacitor bank for capacitance, IR, and tan-delta; (f) Commissioning on both feeders with P.F. verification. Provisional sum of Rs.15,000 included for replacement of up to 2 damaged capacitor banks (25 kVAR each) if found beyond repair. If more banks are damaged, variation order required. As recommended in Energy Audit Section 6.1.1.	Set	1		
20	Supply, Installation, Testing & Commissioning of passive harmonic filter (5th and 7th harmonic) for Hostel/JDVC feeder to reduce current THD from 11% to below 8% (IEEE 519 limit). Includes LC tuned filter bank, MCCB, enclosure, cabling, and commissioning with THD measurement before and after. Rated for feeder load of approximately 80-100A at 415V.	L.S.	1		

**Sub-Total - Section D**

**SECTION E - DOCUMENTATION & COMPLIANCE (NEW SECTION)**

21	Preparation of Single Line Diagram (SLD) for the entire electrical system of JDMC campus: transformer, all DG sets, all LT panels, sub-panels, AMF/changeover panels, APFC, solar system, lifts. SLD to show all breaker ratings, cable sizes, earthing connections, protection devices. 3 sets of laminated A1 size prints for display at Main Panel, DG Room, and Admin Office. Plus 1 soft copy (AutoCAD DWG + PDF).	L.S.	1		
22	Supply of electrical fault and repair log book (200 pages, hardbound, printed format with columns for: date/time, fault type, location, attended by, downtime, cause, preventive action taken). 3 Nos. - one each at Admin, Hostel, and DG Room.	Nos.	3		

**Sub-Total - Section E**

**GRAND TOTAL (A + B + C + D + E) [Excl. GST]**

**Add: GST @ 18% (works contract)**

**GRAND TOTAL (Including GST)**

**नियम एवं शर्तें (Terms & Conditions)**  
**कार्य का नाम: जे डी एम सी में विद्युत कार्य.**  
**Name of Work: - Electrical work in JDMC.**

1. कार्य सी.पी. डब्ल्यू.डी की नवीनतम सुधार पर्ची और इंजीनियर/वास्तुकार/साइट प्रभारी आदि के निर्देशानुसार किया जाएगा। संरचना डिजाइन/ड्राइंग की प्रति संलग्न है।

The Work shall be done as per the latest CPWD up-to-date correction slip and the direction of the Engineer/Architect/Site in - charge etc. structure design drawing copy is enclosed.

2. कार्य पूरा करने के लिए कार्य आदेश जारी होने की तिथि से 30 दिन का समय दिया गया है। कार्य आदेश जारी होने की तिथि से 30 दिनों के भीतर कार्य पूरा करना होगा अन्यथा प्रतिदिन कार्य की लागत का 1% (एक प्रतिशत) या अधिकतम 10% कार्य की लागत के हिसाब से ठेकेदार के बिल से मुआवज़ा वसूला जाएगा।

The Time allowed to complete the work is 30 days from the date of issue of work order. The work is to be completed within 30 days from the date of Issue of work order otherwise compensation @ 1 % (One per cent) of Cost of work per day subject to maximum of 10% of cost of work shall be recovered from the Contractor's Bill.

3. आयकर जीएसटी आदि के लिए टीडीएस और श्रम उपकर सरकारी नियमों के अनुसार ठेकेदार के बकाया/बिल से काटा जाएगा। TDS for Income Tax, GST etc & Labour Cess shall be deducted as per Govt. rules from dues/bill of the Contractor.

4. उद्धृत दर में जी.एस. टी, सभी कर, ऑक्ट्रियो, कार्टेज, लोडिंग, अनलोडिंग आदि शामिल होंगे। इसके अतिरिक्त कुछ भी देय नहीं है। कार्य दिए जाने के बाद सरकार द्वारा करों में किए गए किसी भी परिवर्तन/संशोधन को मामले के अनुसार ऊपर या नीचे समायोजित किया जाएगा।

Rate quoted shall be inclusive of GST, all Taxes, Octrio, Cartages, loading, unloading etc. Nothing extra is payable. Any changes/revision of Rate in Taxes made by Govt. after award of work shall be adjusted upward or downward, as the case may be.

5. सभी सामग्री/वस्तु/उपकरण आदि का नमूना उपयोग से पहले सक्षम प्राधिकारी द्वारा अनुमोदित कराया जाएगा।

Sample of all Material/Item/Equipment etc shall be got approved before use by the competent authority.

6. किसी भी विवाद या बी.ओ.क्यू./कार्य के विनिर्देश/किसी अन्य मानदंड में आइटम के विवरण की व्याख्या के मामले में प्रिंसिपल जेडीएमसी कॉलेज का निर्णय अंतिम और बाध्यकारी होगा। कॉलेज बिना कोई कारण बताए एल1 को पूरा या आंशिक रूप से काम देने के लिए बाध्य नहीं है।

Decision of the Principal JDM College shall be final and binding in case of any dispute or interpretation of description of item in B.O.Q/Specification of work/any other criterion. The College is not bound to give work to L1 Full or in part without assigning any reason thereof.

7. ठेकेदारों और विक्रेताओं को सूचित किया जाता है कि परिसर में कार्य के दौरान होने वाली किसी भी अप्रिय घटना, दुर्घटना या दुर्घटना के लिए महाविद्यालय उत्तरदायी नहीं होगा। सभी ठेकेदारों/विक्रेताओं को यह सुनिश्चित करना होगा कि हर समय उचित और पर्याप्त सुरक्षा उपायों का कड़ाई से पालन किया जाए। आवश्यक सुरक्षा सावधानियों के कार्यान्वयन के बिना किसी भी कार्य की अनुमति नहीं दी जाएगी।

Contractors and vendors are hereby informed that the college shall not be held responsible for any untoward incident, accident, or mishap occurring during the execution of work within the premises. All contractors/vendors must ensure that proper and adequate safety measures are strictly followed at all times. No work shall be permitted without the implementation of necessary safety precautions.

8. "यदि कार्य के दौरान किसी मजदूर या ठेकेदार से जुड़े किसी भी व्यक्ति द्वारा कोई भी अवैध कार्य किया जाता है, तो उसकी पूर्ण जिम्मेदारी ठेकेदार की होगी और कॉलेज प्रशासन द्वारा उसके विरुद्ध कानूनी कार्रवाई की जाएगी।"

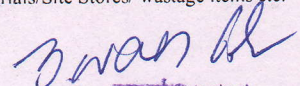
"If any worker or any person associated with the contractor commits any illegal act during the execution of work, the sole responsibility shall lie with the contractor, and legal action will be taken against him by the college administration.

9. कार्य इस तरह से किया जाना चाहिए कि कॉलेज के सामान्य कामकाज में कोई बाधा उत्पन्न न हो।

The work should be done in a manner that the normal functioning of the college is not disturbed.

10. सभी मलबा/अतिरिक्त सामग्री/साइट स्टोर/अपशिष्ट वस्तुओं आदि को हटाने के बाद साइट को साफ-सुथरी स्थिति में लिखित रूप में सौंप दिया जाएगा।

Site shall be handed over in neat and clean condition in writing after removing all Malbas/Surplus Materials/Site Stores/ wastage items etc.



प्राचार्य/Principal

जानकी देवी मेमोरियल महाविद्यालय  
प्राचार्य/PRINCIPAL  
Janki Devi Memorial College

सर गंगा राम हॉस्पिटल मार्ग नई दिल्ली-110060  
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