

भारत सरकार GOVERNMENT OF INDIA

परमाणु ऊर्जा विभाग DEPARTMENT OF ATOMIC ENERGY

निर्माण, सेवा एवं संपदा प्रबंध निदेशालय

DIRECTORATE OF CONSTRUCTION, SERVICES AND ESTATE MANAGEMENT

तकनीकी बोली TECHNICAL BID

निविदा की प्रमुख शासी विशेषताएं SALIENT GOVERNING FEATURES OF THE TENDER

(व्यक्तिगत निविदा के संचालन अनुसूचियां Operative Schedules of Individual Tender)

कार्य का नाम: NAME OF WORK:

"अणुशक्तिनगर, मुंबई-400094 स्थित अन्नपूर्णा एवं धवलगिरि (टाइप V-E) भवनों के आवासीय फ्लैटों में आंतरिक विद्युत प्रतिष्ठानों का उन्नयन/नवीनीकरण कार्य। / Upgradation/Renovation of internal electrical installations in residential flats of Annapurna and Dhawalgiri (Type V-E) buildings, Anushaktinagar, Mumbai – 400094."

ई-निविदा आमंत्रण सूचना संख्या: NOTICE INVITING e-TENDER No.:

DCSEM/CQD/QSC/UPGRD-ELECT/ANNAP-DHAWA/26-27/NIT-02, Dtd.12.10.2026

एजेंसी का नाम NAME OF THE AGENCY:

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मात्रा अनुभाग - सी /QUANTITY SECTION - C

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SECTION I: NOTICE INVITING e-TENDER

भारत सरकार Government of India
परमाणु उर्जा विभाग Department of Atomic Energy
निर्माण, सेवा एवं संपदा प्रबंध निदेशालयDirectorate of Construction, Services & Estate Management
केंद्रीकृत मात्रा प्रभाग Centralized Quantity Division

ई - निविदा आमंत्रण सूचना NOTICE INVITING e-TENDER

एनआईटी सं. NIT No.: DCSEM/CQD/QSC/UPGRD-ELECT/ANNAP-DHAWA/26-27/NIT-02, Dtd.12.10.2026

मुख्य अभियंता (ईएसजी) , निसेसंप्रनि, परमाणु उर्जा विभाग, वी.एस. भवन, अणुशक्तिनगर, मुंबई-94 भारत के राष्ट्रपति की ओर से प्रतिष्ठित, योग्य, अनुभवी, तकनीकी और वित्तीय रूप से सुदृढ़ इंजीनियरिंग एजेंसियों से **"अणुशक्तिनगर, मुंबई–400094 स्थित अन्नपूर्णा एवं धवलगिरि (टाइप V-E) भवनों के आवासीय फ्लैटों में आंतरिक विद्युत प्रतिष्ठानों का उन्नयन/नवीनीकरण कार्य।"** कार्य के लिए ऑनलाइन मद दर निविदा (दो बोली में) आमंत्रित करता है। विवरण नीचे उल्लिखित हैं: Chief Engineer (ESG), DCSEM, DAE, V.S. Bhavan, Anushaktinagar, Mumbai-94 on behalf of the President of India invites online item rate tender (in two bid), from reputed, qualified, experienced, technically and financially sound engineering agencies for the work **"Upgradation/Renovation of internal electrical installations in residential flats of Annapurna and Dhawalgiri (Type V-E) buildings, Anushaktinagar, Mumbai – 400094."** The details are as mentioned below:

ई-निविदा के लिए बोलीदाताओं के लिए सूचना और निर्देश INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING

भाग - अ: ई- निविदा के लिए दिशानिर्देश PART-A: GUIDELINES FOR E-TENDERING :-

ऑनलाइन बोली प्रस्तुत करने के लिए निर्देश Instructions for Online Bid Submission

बोलीदाताओं को वैध डिजिटल हस्ताक्षर प्रमाणपत्रों का उपयोग करते हुए, केंद्रीय सार्वजनिक खरीद पोर्टल पर इलेक्ट्रॉनिक रूप से अपनी बोलियों की सॉफ्ट प्रतियां जमा करने की आवश्यकता होती है। नीचे दिए गए निर्देश बोलीदाताओं को केंद्रीय सार्वजनिक खरीद पोर्टल पर पंजीकरण करने में सहायता करने, आवश्यकताओं के अनुसार अपनी बोलियां तैयार करने और केंद्रीय सार्वजनिक खरीद पोर्टल पर अपनी बोलियां ऑनलाइन जमा करने के लिए हैं। The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

केंद्रीय सार्वजनिक खरीद पोर्टल पर ऑनलाइन बोली प्रस्तुत करने के लिए उपयोगी अधिक जानकारी https://eprocure.gov.in/eprocure/app पर प्राप्त की जा सकती है। More information useful for submitting online bids on the CPP Portal may be obtained at: https://eprocure.gov.in/eprocure/app.

1. पंजीकरण REGISTRATION

1) बोलीदाताओं को केंद्रीय सार्वजनिक खरीद पोर्टल पर "ऑनलाइन बोलीदाता नामांकन" लिंक पर क्लिक करके सेंट्रल पब्लिक प्रोक्योरमेंट पोर्टल (URL:https://eprocure.gov.in/eprocure/app) के ई-प्रोक्योरमेंट मॉड्यूल पर नामांकन करना आवश्यक है जो निःशुल्क है। Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL:https://eprocure.gov.in/eprocure/app) by clicking on the link "**Online bidder Enrolment**" on the CPP Portal which is free of charge.

2) नामांकन प्रक्रिया के प्रक्रिया के रूप में, बोलीदाताओं को अपने खातों के लिए एक विशिष्ट उपयोगकर्ता नाम और एक पासवर्ड निर्दिष्ट करने की आवश्यकता होगी As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.

3) बोलीदाताओं को पंजीकरण प्रक्रिया के भाग के रूप में अपना वैध ईमेल पता और मोबाइल नंबर पंजीकृत करने की सलाह दी जाती है। इनका उपयोग केंद्रीय सार्वजनिक खरीद पोर्टल से किसी भी संचार के लिए किया जाएगा Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.

4) नामांकन पर, बोलीदाताओं को अपने प्रोफाइल के साथ CCA India (जैसे Sify / nCode / eMudhra आदि) द्वारा मान्यता प्राप्त किसी भी प्रमाणन प्राधिकरण द्वारा जारी अपने वैध डिजिटल हस्ताक्षर प्रमाणपत्र (हस्ताक्षर कुंजी के उपयोग के साथ श्रेणी III प्रमाणपत्र) को पंजीकृत करने की आवश्यकता होगी।Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.

5) एक बोलीदाता द्वारा केवल एक वैध डीएससी पंजीकृत होना चाहिए। कृपया ध्यान दें कि बोलीदाता यह सुनिश्चित करने के लिए जिम्मेदार हैं कि वे अपने डीएससी दूसरों को उधार नहीं देते हैं जिससे दुरुपयोग हो सकता है। Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.

6) बोलीदाता तब सुरक्षित लॉग-इन के माध्यम से अपनी यूजर आईडी/पासवर्ड और डीएससी/ई-टोकन का पासवर्ड दर्ज करके साइट पर लॉग इन करता है। Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC /e-Token.

2. निविदा दस्तावेजों की खोज SEARCHING FOR TENDER DOCUMENTS

1) केंद्रीय सार्वजनिक खरीद पोर्टल में कई मापदंडों के आधार पर सक्रिय निविदाओं को खोजने के लिए बोली लगाने वालों की सुविधा के लिए विभिन्न खोज विकल्प बनाए गए हैं। इन मापदंडों में निविदा आईडी, संगठन का नाम, स्थान, दिनांक, मूल्य आदि शामिल हो सकते हैं। निविदाओं के लिए उन्नत खोज का एक विकल्प भी है, जिसमें बोलीदाता केंद्रीय सार्वजनिक खरीद पोर्टल पर प्रकाशित निविदा की खोज के लिए कई खोज मापदंडों जैसे संगठन का नाम, अनुबंध का रूप, स्थान, दिनांक, अन्य कीवर्ड आदि को जोड़ सकते हैं। There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.

2) एक बार बोली लगाने वालों ने उन निविदाओं का चयन कर लिया है जिनमें वे रुचि रखते हैं, वे आवश्यक दस्तावेज/निविदा कार्यक्रम डाउनलोड कर सकते हैं। इन निविदाओं को संबंधित 'माई टेंडर्स' फोल्डर में ले जाया जा सकता है। यह केंद्रीय सार्वजनिक खरीद पोर्टल को एसएमएस/ई-मेल के माध्यम से बोलीदाताओं को सूचित करने में सक्षम करेगा यदि निविदा दस्तावेज में कोई शुद्धिपत्र जारी किया गया है। Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules.

These tenders can be moved to the respective 'My Tenders 'folder. This would enable the CPP Portal to intimate the bidders through SMS/e- mail in case there is any corrigendum issued to the tender document.

3) यदि वे हेल्पडेस्क से कोई स्पष्टीकरण/सहायता प्राप्त करना चाहते हैं, तो बोलीदाता को प्रत्येक निविदा को सौंपी गई विशिष्ट निविदा आईडी को नोट कर लेना चाहिए। The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

3. बोलियों की तैयारी PREPARATION OF BIDS

1) बोलीदाता को अपनी बोली जमा करने से पहले निविदा दस्तावेज पर प्रकाशित किसी भी शुद्धिपत्र को ध्यान में रखना चाहिए। Bidder should take into account any corrigendum published on the tender document before submitting their bids.

2) बोली के हिस्से के रूप में प्रस्तुत किए जाने वाले आवश्यक दस्तावेजों को समझने के लिए कृपया निविदा विज्ञापन और निविदा दस्तावेज को ध्यान से देखें। कृपया उन कवरों की संख्या पर ध्यान दें जिनमें बोली दस्तावेज जमा किए जाने हैं, दस्तावेजों की संख्या - प्रत्येक दस्तावेज के नाम और सामग्री सहित, जिसे जमा करने की आवश्यकता है। इनमें से कोई भी विचलन बोली को अस्वीकार कर सकता है। Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

3) बोलीकर्ता को अग्रिम रूप से निविदा दस्तावेज/अनुसूची में दर्शाए अनुसार प्रस्तुत किए जाने वाले बोली दस्तावेज तैयार रखने चाहिए और सामान्यत: वे पीडीएफ/एक्सएलएस/आरएआर/डीडब्ल्यूएफ/जेपीजी प्रारूप में हो सकते हैं। बोली दस्तावेजों को 100 डीपीआई के साथ काले और सफेद विकल्प के साथ स्कैन किया जा सकता है जो स्कैन किए गए दस्तावेज़ के आकार को कम करने में मदद करता है।Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

4) प्रत्येक बोली के एक भाग के रूप में प्रस्तुत किए जाने वाले मानक दस्तावेजों के समान सेट को अपलोड करने में आवश्यक समय और प्रयास से बचने के लिए, ऐसे मानक दस्तावेजों (जैसे पैन कार्ड की प्रति, वार्षिक रिपोर्ट, लेखा परीक्षक प्रमाण पत्र आदि) को अपलोड करने का प्रावधान, बोली लगाने वालों को उपलब्ध करा दिया गया है। बोलीदाता ऐसे दस्तावेजों को अपलोड करने के लिए उपलब्ध "माई स्पेस" या "अन्य महत्वपूर्ण दस्तावेज" क्षेत्र का उपयोग कर सकते हैं। बोली जमा करते समय ये दस्तावेज़ सीधे "माईस्पेस" क्षेत्र से प्रस्तुत किए जा सकते हैं, और इन्हें बार-बार अपलोड करने की आवश्यकता नहीं है। इससे बोली प्रस्तुत करने में लगने वाले समय में कमी आएगी ।To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or ''Other Important Documents'' area available to them to upload such documents. These documents may be directly submitted from the "MySpace" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

नोट : अपलोडिंग प्रक्रिया को आसान बनाने के लिए मेरा दस्तावेज स्थान केवल बोलीदाताओं को दिया गया एक भंडार गृह है। यदि बोलीदाता ने मेरा दस्तावेज स्थान में अपने दस्तावेज़ अपलोड किए हैं, तो यह स्वचालित रूप से इन दस्तावेज़ों को तकनीकी बोली का हिस्सा होना सुनिश्चित नहीं करता है। Note: My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded

his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.

4. बोलियां जमा करना SUBMISSION OF BIDS

1) बोलियां केवल केंद्रीय सार्वजनिक खरीद पोर्टल वेबसाइट: https://eprocure.gov.in/eprocure/app पर ऑनलाइन जमा की जाएंगी।Bids shall be submitted online only at CPPP website : https://eprocure.gov.in/eprocure/app
2) बोलीदाता को बोली प्रस्तुत करने के लिए काफी पहले साइट पर लॉग इन करना चाहिए ताकि वे समय पर बोली अपलोड कर सकें अर्थात बोली प्रस्तुत करने के समय पर या उससे पहले। बोलीदाता अन्य मुद्दों के कारण किसी भी देरी के लिए जिम्मेदार होगा। Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
3) बोलीदाता को निविदा दस्तावेज में दर्शाए अनुसार एक-एक करके आवश्यक बोली दस्तावेजों को डिजिटल रूप से हस्ताक्षर करना होगा और अपलोड करना होगा।The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
4) बोलीदाता को निविदा शुल्क/ईएमडी का भुगतान करने के लिए "ऑफ़लाइन" के रूप में भुगतान विकल्प का चयन करना होगा और लेख-पत्र का विवरण दर्ज करना होगा। Bidder has to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument.
5) निविदा दस्तावेज में निर्दिष्ट निर्देशों के अनुसार बोलीदाता को ईएमडी तैयार करनी होगी। मूलप्रति को बोली प्रस्तुत करने की अंतिम तिथि तक या निविदा दस्तावेजों में निर्दिष्ट अनुसार संबंधित अधिकारी को पोस्ट / कूरियर / व्यक्तिगत रूप से दिया जाना चाहिए। भौतिक रूप से भेजे गए डीडी/किसी अन्य स्वीकृत लिखत का विवरण, स्कैन की गई प्रति में उपलब्ध विवरण और बोली प्रस्तुत करने के समय दर्ज किए गए डेटा से मेल खाना चाहिए। अन्यथा अपलोड की गई बोली को अस्वीकार कर दिया जाएगा। Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
6) एजेंसी कार्य के लिए पूर्व बोली स्पष्टीकरण, यदि कोई हो, डाउनलोड करें और विधिवत हस्ताक्षरित और मुहरबंद उसे (स्कैन की हुई प्रति) अपलोड करें । संशोधित दस्तावेज (यदि कोई हो) को ई-निविदा पोर्टल में अपलोड करना करें । The agency shall download the pre bid clarification if any for the work and upload the same (scanned copy) duly signed and sealed. The revised documents (if any) shall be uploaded in e tender portal.
7) बोलीदाताओं से अनुरोध है कि वे ध्यान दें कि उन्हें अपनी वित्तीय बोलियां प्रदान किए गए प्रारूप में अनिवार्य रूप से प्रस्तुत करनी होगी और कोई अन्य प्रारूप स्वीकार्य नहीं है। यदि मूल्य बोली निविदा दस्तावेज के साथ एक मानक बीओक्यू प्रारूप के रूप में दी गई है, तो उसे डाउनलोड करना होगा और सभी बोलीदाताओं द्वारा भरा जाना है। बोलीदाताओं को बीओक्यू फ़ाइल डाउनलोड करना आवश्यक है, इसे खोलें और स्काई ब्लू रंगीन (असुरक्षित) सेल को उनके संबंधित वित्तीय उद्धरणों और अन्य विवरणों (जैसे कि बोली लगाने वाले का नाम) के साथ पूरा करें। कोई अन्य सेल नहीं बदला जाए। एक बार ब्योरा पूरा हो जाने के बाद, बोलीदाता को इसे सेव करना होगा और फाइल का नाम बदले बिना इसे ऑनलाइन जमा करना होगा । यदि बीओक्यू फाइल को बोलीदाता द्वारा संशोधित पाया जाता है, तो बोली को अस्वीकार कर दिया जाएगा। Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the SKY BLUE coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once

the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

8) निविदाकर्ताओं को सलाह दी जाती है कि वे अपने दस्तावेज़ पहले ही अपलोड कर दें, ताकि अंतिम समय में सर्वर पर भीड़ या अपलोड करने में होने वाली जटिलताओं से बचा जा सके। DCSEM, सर्वर और तकनीकी समस्याओं सहित दस्तावेजों को अपलोड करने के दौरान किसी भी प्रकार की कठिनाइयों के लिए किसी भी मामले में जिम्मेदार नहीं होगा।Tenderers are advised to upload their documents well in advance, to avoid last minutes rush on the server or complications in uploading. DCSEM, in any case, shall not be held responsible for any type of difficulties during uploading the documents including server and technical problems whatsoever.

9) बोली दस्तावेजों को 100 डीपीआई के साथ काले और सफेद विकल्प के साथ स्कैन किया जा सकता है जो स्कैन किए गए दस्तावेज़ के आकार को कम करने में मदद करता है। Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

10) सर्वर समय (जो बोलीदाताओं के डैशबोर्ड पर प्रदर्शित होता है) को बोलीदाताओं द्वारा बोलियां जमा करने, बोलियां खोलने आदि के लिए समय सीमा को संदर्भित करने के लिए मानक समय माना जाएगा। बोली प्रस्तुत करने के दौरान बोलीदाताओं को इस समय का पालन करना होगा। The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

11) नियत तारीख और समय (बढ़ी हुई अवधि सहित) के बाद निविदा दस्तावेजों को जमा करने की अनुमति नहीं दी जाएगी।Submission of the tender documents after the due date and time (including extended period) shall not be permitted.

12) डेटा की गोपनीयता सुनिश्चित करने के लिए बोलीदाताओं द्वारा प्रस्तुत किए जा रहे सभी दस्तावेजों को पीकेआई एन्क्रिप्शन तकनीकों का उपयोग करके एन्क्रिप्ट किया जाएगा। दर्ज किए गए डेटा को अनधिकृत व्यक्तियों द्वारा बोली खोलने के समय तक नहीं देखा जा सकता है। सुरक्षित सॉकेट लेयर 128 बिट एन्क्रिप्शन तकनीक का उपयोग करके बोलियों की गोपनीयता बनाए रखी जाती है। संवेदनशील क्षेत्रों का डेटा संग्रहण एन्क्रिप्शन किया जाता है। संवेदनशील क्षेत्रों का डेटा संग्रहण एन्क्रिप्शन किया जाता है। कोई भी बोली दस्तावेज़ जो सर्वर पर अपलोड किया जाता है, सिस्टम जनित सममित कुंजी का उपयोग करके सममित एन्क्रिप्शन के अधीन होता है। इसके अलावा यह कुंजी खरीदारों/बोली खोलने वालों की सार्वजनिक कुंजियों का उपयोग करके असममित एन्क्रिप्शन के अधीन है। कुल मिलाकर, अपलोड किए गए निविदा दस्तावेज़ केवल अधिकृत बोली खोलने वालों द्वारा निविदा खोलने के बाद ही पठनीय हो जाते हैं।All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

13) अपलोड किए गए निविदा दस्तावेज़ केवल अधिकृत बोली खोलने वालों द्वारा निविदा खोलने के बाद ही पठनीय हो जाते हैं। The uploaded tender documents become readable only after the tender opening by the authorized bid openers.

14) बोलियों के सफल और समय पर जमा करने पर (अर्थात पोर्टल में "फ्रीज बिड सबमिशन" पर क्लिक करने के बाद), पोर्टल एक सफल बोली जमा करने का संदेश देगा और एक बोली सारांश बोली संख्या और बोली जमा करने की तिथि और समय के साथ अन्य सभी प्रासंगिक विवरणों के साथ प्रदर्शित किया जाएगा। Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal),the portal will give

a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.

15) बोली सारांश प्रिंट किया जाना चाहिए और बोली जमा करने की पावती के रूप में रखा जाना चाहिए। इस पावती का उपयोग किसी भी बोली खोलने वाली मीटिंग के लिए प्रवेश पास के रूप में किया जा सकता है।The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

16) इच्छुक बोलीदाताओं को सलाह दी जाती है कि वे स्वयं को अद्यतन रखने के लिए प्रस्तुत करने की अंतिम तिथि तक नियमित रूप से इस वेबसाइट पर जाएँ क्योंकि निविदा में किसी भी परिवर्तन/संशोधन की सूचना इस वेबसाइट के माध्यम से केवल शुद्धिपत्र/परिशिष्ट/संशोधन द्वारा दी जाएगी। Intending Bidders are advised to visit this website regularly till closing date of submission to keep themselves updated as any change/ modification in the tender will be intimated through this website only by corrigendum / addendum/ amendment.

5. बोलीदाताओं को सहायता ASSISTANCE TO BIDDERS

1) निविदा दस्तावेज़ और उसमें निहित नियमों और शर्तों से संबंधित किसी भी प्रश्न को निविदा आमंत्रित करने वाले प्राधिकारी या निविदा में निर्दिष्ट संबंधित संपर्क व्यक्ति को संबोधित किया जाना चाहिए। Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

2) ऑनलाइन बोली प्रस्तुत करने की प्रक्रिया से संबंधित कोई भी प्रश्न या सामान्य रूप से केंद्रीय सार्वजनिक खरीद पोर्टल से संबंधित प्रश्नों को 24x7 केंद्रीय सार्वजनिक खरीद पोर्टल हेल्पडेस्क पर निर्देशित किया जा सकता है। Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

3) एनआईसी में अपने संबंधित क्रेडेंशियल्स के साथ लॉग इन (अतिथि लॉगिन नहीं) और टेंडर डाउनलोड करने वाले सभी बोलीदाताओं को **FAVOURITE button** पर क्लिक करना होगा, ताकि निविदाएं वेबसाइट से अपलोड किए गए शुद्धिपत्र सूचना प्राप्त करने के लिए अपने **FAVOURITES ZONE** में चले जाएं। All bidders who have logged in (Not Guest Login) with their respective credentials in NIC & have downloaded Tender(s), must click on the **FAVOURITE button,** so that the tenders will move into their **FAVOURITES ZONE,** to get the uploaded corrigendum intimation from website.

भाग-बी: एनआईटी विवरण PART-B: NIT DETAILS:-

1	एनआईटी संख्या NIT No.	**DCSEM/CQD/QSC/UPGRD-ELECT/ANNAP-DHAWA/26-27/NIT-02, Dtd.12.10.2026**
2	कार्य का नाम Name of work	**अणुशक्तिनगर, मुंबई–400094 स्थित अन्नपूर्णा एवं धवलगिरि (टाइप V-E) भवनों के आवासीय फ्लैटों में आंतरिक विद्युत प्रतिष्ठानों का उन्नयन/नवीनीकरण कार्य। / Upgradation/Renovation of internal electrical installations in residential flats of Annapurna and Dhawalgiri (Type V-E) buildings, Anushaktinagar, Mumbai – 400094.**
3	निविदा में डाली गई अनुमानित लागत Estimated cost put to tender	**₹187.00 Lakh**
4	बयाना राशि EMD	**₹ 3,74,000/-** की बयाना राशि (ईएमडी) एक वाणिज्यिक बैंक के बैंकर्स चेक या एक वाणिज्यिक बैंक के अकाउंट पेयी डिमांड ड्राफ्ट या एक वाणिज्यिक बैंक की सावधि जमा रसीद (एफडीआर) या बीमा ज़मानत बांड के रूप में **"वेतन एवं लेखा अधिकारी, निसेसंप्रनि, मुंबई"** के नाम मे प्रस्तुत की जानी है। Earnest Money Deposit (EMD) of **₹ 3,74,000/-** to be submitted in the form of

		Bankers Cheque of a Commercial bank or Account payee Demand draft of a Commercial bank or Fixed Deposit Receipt (FDR) of a Commercial bank or Insurance Surety Bonds in favour of **"Pay & Accounts Officer, DCSEM, Mumbai".** तथापि, बोलीकर्ता निम्नानुसार बयाना राशि प्रस्तुत कर सकते हैं However, the bidders may submit the EMD as follows: (i) **₹1,87,000/-** ऊपर निर्धारित प्रपत्र में जमा करने होंगे। **₹1,87,000/-** will have to be deposited in the form as prescribed above. and (ii) एक वाणिज्यिक बैंक द्वारा जारी की गई बैंक गारंटी (ई-बैंक गारंटी सहित) के रूप में **₹ 1,87,000/-** की शेष राशि, जिसकी वैधता निविदा जमा करने की तारीख से छह महीने के लिए होगी और बोली जमा करने की अवधि के भीतर ई-निविदा वेबसाइट पर इच्छुक बोलीदाताओं द्वारा स्कैन और अपलोड किया जाएगा। Balance amount of **₹ 1,87,000/-** in the form of Bank Guarantee (including e-Bank Guarantee) issued by a Commercial bank having validity for six (6) months from the date of submission of the tender and shall be scanned and uploaded by the intending bidders to the e-tendering website within the period of bid submission. • बैंक गारंटी ऑनलाइन निविदा जमा करने की अंतिम तिथि से 180 दिनों के लिए वैध होगी। The Bank Guarantee shall be valid for 180 days from the last date of online submission of Tender. • बैंक गारंटी निर्धारित प्रारूप में नहीं होने पर स्वीकार नहीं की जाएगी। Bank Guarantee not in the prescribed format shall not be accepted. • बयाना राशि के लिए कैश और चेक स्वीकार नहीं किया जाएगा। Cash and Cheque for Earnest Money Deposit will not be accepted. • बैंक का नाम और पता: भारतीय स्टेट बैंक, वी.एस. भवन, अणुशक्तिनगर, मुंबई 400094 Bank name and address: State Bank of India, V.S. Bhavan, Anushaktinagar, Mumbai400094. • लाभार्थी बैंक का आई एफ एस सी कोड: IFSC code of beneficiary bank: SBIN0001268
5	पूरा होने की अवधि Completion Period	**12 Months.**
6	निविदा दस्तावेज का शुल्क Fee of Tender Document	Nil
7	निविदा प्रसंस्करण शुल्क Tender Processing Fee	NIL
8	सुरक्षा जमा राशि Security Deposit	निविदा मूल्य का 2.5% 2.5% of tendered value.
9	प्रदर्शन गारंटी Performance Guarantee	5% of the Estimated Cost Put to Tender (ECPT) or tendered amount whichever is higher. **Additional Performance Guaranty (APG):** Abnormally Low Bid: A bid will be treated as abnormally low if the tendered amount is less than 80% of the Estimated Cost Put to Tender (ECPT). In case of abnormally low bid as defined above, the bidder shall be required to submit Additional Performance

		Guarantee (APG) in addition to the Standard Performance Guarantee (PG). The amount of Additional Performance Guarantee (APG) shall be equal to the difference between the 80% amount of ECPT and tendered amount. (e.g. if ECPT is A and tendered amount is 0.7A then the amount of APG shall be 0.8A-0.7A). The other terms & conditions of Additional Performance Guarantee (APG) shall be same as terms & conditions of Standard PG **(also refer CDN/C-1)**
10	निविदा दस्तावेजों को डाउनलोड करने के लिए उपलब्ध तिथियां Dates of availability of Tender Documents for download	केंद्रीय सार्वजनिक खरीद पोर्टल (सीपीपीपी वेबसाइट) https://eprocure.gov.in/eprocure/app पर **12/10/2026 (11:00 बजे) से ऑनलाइन निविदाएं जमा करने की अंतिम तिथि और समय तक।** From **12/10/2026 (11:00 hrs.) to Last date and time of closing of online submission of tenders** from Central Public Procurement Portal (CPPP website) https://eprocure.gov.in/eprocure/app विस्तृत एनआईटी केवल देखने के लिए वेबसाइट www.dcsem.gov.in पर भी उपलब्ध है। Detailed NIT is also available on website www.dcsem.gov.in for view only.
11	बोली पूर्व प्रश्नों को अपलोड करना Uploading of Pre-bid Queries	From **12/10/2026 (11:00 hrs.)** to **24/10/2026 (15:00 hrs)** website on CPPP site https://eprocure.gov.in/eprocure/app **or** queries may be sent to qsc@dcsem.gov.in
12	निविदाओं को ऑनलाइन जमा करने की शुरुआत/ Start of Online submission of Tenders	**12/10/2026 (11:00 hrs.)**
13	ऑनलाइन निविदाएं जमा करने की अंतिम तिथि और समय Last date and time of closing of online submission of tenders	**30/10/2026 (17:00 hrs.)**
14	बयाना राशि के लिए मूल एफडीआर / बीजी जमा करने की अंतिम तिथि /Last date for submission of original FDR/BG towards EMD.	**02/11/2026 (17:00 बजे)** को या उससे पहले प्रधान, मात्रा अनुभाग-सी कार्यालय, तीसरी मंजिल, वी.एस. भवन, अणुशक्तिनगर, मुंबई -400 094 के कार्यालय में। **On or 02/11/2026 (17:00 hrs.)** in the Office of Head, Quantity Section-C, 3rd Floor, V.S. Bhavan, Anushaktinagar, Mumbai -400 094.
15	तकनीकी बोली ऑनलाइन खोलने की तिथि और समय Date and time of online opening of Technical Bid.	**03/11/2026 (15:00 बजे)** ***प्रधान, मात्रा अनुभाग-सी कार्यालय***, तीसरी मंजिल, वी.एस. भवन, अणुशक्तिनगर, मुंबई -400 094. **03/11/2026 (15:00 hrs.)** in the Office of Head, Quantity Section-C, 3rd Floor, V.S. Bhavan, Anushaktinagar, Mumbai -400 094.
16	योग्य बोलीदाताओं की वित्तीय बोली खोलने की तिथि Date of opening of Financial Bids of qualified bidders	बाद की तारीख में सूचित किया जाएगा Will be notified at a later date.

टिप्पणी Note:

विभाग बिना कोई कारण बताए निविदा को पूर्ण या आंशिक रूप से स्वीकार या अस्वीकार करने का अधिकार सुरक्षित रखता है। सशर्त छूट सहित किसी भी शर्त वाली निविदाओं को तत्काल अस्वीकार कर दिया जाएगा।

Department reserves the right to accept or reject the tender(s) in full or in part, without assigning any reason thereof. Tenders with any condition including conditional rebate shall be rejected forthwith.

***ईएमडी को सीलबंद लिफाफे में "प्रधान, मात्रा अनुभाग-सी कार्यालय, डीसीएसईएम, तीसरी मंजिल, वी.एस. भवन, अणुशक्तिनगर, मुंबई -४०००९४ को संबोधित करते हुए जमा किया जाना चाहिए।* EMD to be submitted in sealed envelope addressed to "office of Head, Quantity Section-C, DCSEM, 3rd Floor, V.S. Bhavan, Anushaktinagar, Mumbai -400 094.**

***ईएमडी को सीलबंद लिफाफे में वी.एस. भवन, अणुशक्तिनगर, मुंबई में सुरक्षा कार्यालय के पास "एल" मंजिल पर रखे डीसीएसईएम ड्रॉप बॉक्स में डाला जा सकता है। ईएमडी प्राप्त न होने की स्थिति में, प्रस्तुत बोली स्वीकार नहीं की जाएगी।* EMD in sealed envelope may be dropped in the DCSEM drop box placed at "L" Floor near security office at V.S. Bhavan, Anushaktinagar, Mumbai, in case of non-receipt of EMD, the submitted Bid shall not be accepted.**

भाग-सी: आवश्यकताएँ और पात्रता मानदंड
PART-C: REQUIREMENTS AND ELIGIBILTY CRITERIA

1 **पूर्व योग्यता के लिए पात्रता के लिए प्रारंभिक मानदंड INITIAL CRITERIA FOR ELIGIBILITY FOR PRE-QUALIFICATION:**

निम्नलिखित मानदंडों को पूरा करने वाले आवेदक को भागीदारी के लिए विचार किया जाएगा। **संयुक्त उद्यम और कंसोर्टियम आदि स्वीकार नहीं किए जाएंगे।** The applicant who fulfils the following criteria shall be considered for participation. **Joint Ventures and Consortium etc. shall not be accepted.**

सीपीडब्ल्यूडी, एमईएस, बीएसएनएल, रेलवे, राज्य पीडब्ल्यूडी आदि जैसे सरकारी / अर्ध सरकारी संगठनों के साथ उपयुक्त श्रेणी में **पंजीकरण का प्रमाण या समान प्रकृति के कार्य करने का अनुभव हो। Proof of registration** with Government / Semi Government organizations like CPWD, MES, BSNL, Railways, State PWDs etc. in appropriate class or having experience in execution of similar nature of works.

1.1 आवेदक को निविदाएं जमा करने की अंतिम तिथि के पिछले सात वर्षों के दौरान नीचे उल्लिखित कार्यों को संतोषजनक रूप से पूरा होना चाहिए। The applicant should have satisfactorily completed the works as mentioned below during the **last seven years ending previous day of last date of submission of tenders.**

पूरे किए हुए तीन समान कार्य जिनमें प्रत्येक की लागत **₹ 74.80 लाख** से कम न हो
Completed three similar works each costing not less than ₹ 74.80 lakhs

या or

पूरे किए हुए दो समान कार्य जिनमें प्रत्येक की लागत **₹ 112.20 लाख** से कम न हो
Completed two similar works each costing not less than ₹ 112.20 lakhs.

या or

पूरे किए हुए एक समान कार्य जिनमें प्रत्येक की लागत **₹ 149.60 लाख** से कम न हो
Completed one similar work costing not less than ₹ 149.60 lakhs.

महत्वपूर्ण टिप्पणी: Important Notes:

समान कार्य का अर्थ होगा Similar work shall mean: **"Providing Internal Electrification works".**

a) कार्य की लागत का अर्थ ग्राहक द्वारा आपूर्ति की गई सामग्रियों की लागत सहित पूर्ण किए गए कार्य का सकल मूल्य होगा, लेकिन नि:शुल्क आपूर्ति की गई सामग्रियों को छोड़कर। यह कार्यकारी अभियंता/परियोजना प्रबंधक या समकक्ष के पद से नीचे के अधिकारी द्वारा प्रमाणित नहीं होना चाहिए। Cost of work shall mean gross value of the completed work including the cost of materials supplied by the Client, but excluding those supplied free of cost. This should be certified by an officer not below the rank of Executive Engineer/Project Manager or equivalent.

b) निष्पादित कार्यों के मूल्य को 7% प्रति वर्ष की साधारण दर से कार्य के वास्तविक मूल्य में वृद्धि करके वर्तमान लागत स्तर पर लाया जाएगा; पूर्ण होने की तिथि से निविदा जमा करने की अंतिम तिथि तक गणना की जायेगी।The value of executed works shall be brought to the current costing level by enhancing the actual value of work at a simple rate of 7% per annum; calculated from the date of completion to the last date of submission of tender.

1.2 आवेदक का **31 मार्च, 2025** को समाप्त हुए लगातार पिछले **3 वित्तीय वर्ष के दौरान औसत वार्षिक वित्तीय टर्न ओवर (सकल) ₹187 लाख** होना चाहिए। औसत निकालने के लिए उस वर्ष पर भी विचार किया जाएगा जिसमें कोई टर्नओवर नहीं दिखाया गया है। The applicant should have had **average annual financial turn over (gross) of ₹187 lakh** during the immediate last 3 consecutive financial year ending **31st March, 2025.** This should be duly audited by a Chartered Accountant. Year in which no turnover is shown would also be considered for working out the average.

1.3 आवेदक को लाइसेंस प्राप्त चार्टर्ड अकाउंटेंट द्वारा विधिवत प्रमाणित **31 मार्च, 2025** को समाप्त होने वाले पिछले पांच लगातार वित्तीय वर्षों के दौरान दो वर्षों से अधिक में कोई हानि नहीं रहना चाहिए। The applicant should not have incurred any loss in more than two years during the last five consecutive immediate financial years ending **31st March, 2025** duly certified by the licensed Chartered Accountant.

1.4 आवेदक के पास अपने बैंकरों द्वारा प्रमाणित **₹74.80 लाख** की सॉल्वेंसी होनी चाहिए। The applicant should have **solvency of ₹ 74.80 lakh** certified by his bankers.

1.5 आवेदक के पास **विद्युत ठेकेदार लाइसेंस** होनी चाहिए। The applicant should have **Electrical Contractor License.**

1.6 आवेदक के पास कार्य के उचित और समय पर निष्पादन के लिए आवश्यक सूची के अनुसार उपकरण होने चाहिए। अन्यथा, उसे यह प्रमाणित करना होगा कि वह किराए आदि पर लेकर उपकरणों का प्रबंध करने में सक्षम हो और उन फर्मों की सूची प्रस्तुत करे जिनसे वह किराए पर लेने का प्रस्ताव करता है। The applicant should own equipment as per list required for the proper and timely execution of the work. Else, he should certify that he would be able to manage the equipment by hiring etc. and submit the list of firms from whom he proposes to hire.

1.7 अनुबंध के उचित निष्पादन के लिए आवेदक के पास पर्याप्त संख्या में तकनीकी और प्रशासनिक कर्मचारी होने चाहिए। आवेदक को अच्छी तरह से योग्य और अनुभवी इंजीनियरों और पर्यवेक्षकों की सूची प्रस्तुत करनी होगी, जिसमें स्पष्ट रूप से बताया गया हो कि उन्हें कार्यों के निष्पादन के लिए कैसे तैनात किया जाएगा। The applicant should have sufficient number of Technical and Administrative employees for the proper execution of the contract. The applicant should submit list of well qualified and experienced Engineers and Supervisors stating clearly how those would be deployed for execution of works.

1.8 पिछले 7 वर्षों में उनके द्वारा किए गए कार्यों की सूची और उनके द्वारा किए गए समान कार्यों की सूची (i) एजेंसी किसके लिए निष्पादित की गई, (ii) कार्य का मूल्य, (iii) पूरा करने का समय निर्धारित और वास्तविक के रूप में, या कार्य की

वर्तमान स्थिति। **List of works in hand& List of similar works carried out by them for last 7 years** indicating (i) Agency for whom executed, (ii) Value of work, (iii) Completion time as stipulated and actual, or present position of the work.

1.9 समय पर काम पूरा करने के लिए एजेंसी के पास मौजूद निर्माण संयंत्र**, मशीनरी**, **उपकरण**, **सहायक उपकरण और बुनियादी सुविधाओं की सूची। List of construction plant, machinery**, equipment's, accessories &infrastructure facilities possessed by the agency to complete the work in time.

1.10 उनके पास मौजूद **तकनीकी कर्मचारियों की सूची** और काम के लिए तैनात करने का प्रस्ताव **List of technical staff** they possess and proposed to deploy for the work.

1.11 **प्रमाणपत्र: (मूल प्रमाणपत्रों की स्कैन कॉपी अपलोड की जानी है) CERTIFICATES:** (Scanned copy of original certificates to be uploaded):

i) मात्राओं की बिल/ मात्राओं की अनुसूची / खरीद आदेश के साथ पूर्णता प्रमाणपत्र/प्रदर्शन प्रमाणपत्र Completion Certificate / Performance Certificates with BOQ/SOQ/PO.

ii) जीएसटी पंजीकरण प्रमाण पत्र GST registration certificate

iii)पैन (स्थायी खाता संख्या) पंजीकरण PAN (Permanent Account Number) Registration

iv)ईपीएफओ पंजीकरण प्रमाणपत्र EPFO registration certificate.

v)ईएसआईसी पंजीकरण प्रमाणपत्र ESIC registration certificate.

vi) वैध विद्युत ठेकेदार लाइसेंस Valid Electrical Contractor License

1.12 **उपक्रम निम्नानुसार है UNDERTAKING as under:**

I / We, hereby tender for the execution of the work for the President of India within the time specified in Schedule "F", viz., Schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instruction in writing referred to in Rule 1 of General Rules & Directions and in Clause – 11 of the General Clauses of Contract and with such materials as are provided for, by and in respects in accordance with such conditions so far as applicable.

I / We have read and examined the e-Tender Notice for Inviting Pre-Qualification (PQ) of Contracting Agencies, Section I, II & III, & other documents and rules referred to and all other contents in the tender documents for the work AND ACCORDINGLY. I / We, hereby submit credentials and other documents as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

I / We have read and examined the Notice Inviting Tender, General Rules & Regulations, Directions, form of tender, special conditions, Safety & Security codes for work contract, general condition of contract and all other contents in the tender documents for the subject work.

I / We also declare that we have not executed similar works(s) through another contractor on back to back basis. Further that, if such violation comes to the notice of Department, then we shall be debarred for bidding in DCSEM/ DAE in future forever. Also if, such violation comes to the notice of the Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit / Performance Guarantee etc.

I / We declare that all the materials / equipments shall be supplied and execute as per tender. Our offer is un-conditional.

I / We have downloaded and gone through the pre-bid clarifications issued by the Department after close of sale of tenders and submitting tender accordingly.

I / We have gone through all the sheets of Financial bid/BOQ and submitting tender accordingly.

I / We have understood the entire scope of work and rates (inclusive GST) quoted accordingly. We shall carry out the work as per Schedule of Quantities, technical specifications, drawing and complete the work within stipulated time to the entire satisfaction of the Department.

(बोली जमा करने के समय बोलीदाता के पत्रशीर्ष पर विधिवत हस्ताक्षरित और मुहरबंद उपक्रम की स्कैन की गई कॉपी अपलोड करें Scanned copy of the undertaking duly signed & sealed on letter head of the bidder to be uploaded at the time of submission of bid).

2. **इच्छुक बोलीदाता को "अनुबंध की शर्तें और खंड - 2008" के "अनुभाग - 1: निविदा आमंत्रण नोटिस" के अनुसार नियम और शर्तों को ध्यान से पढ़ें। उसे अपनी बोली तभी प्रस्तुत करनी चाहिए जब वह स्वयं को पात्र समझता है और उसके पास अपेक्षित सभी दस्तावेज हैं। The intending bidder must read the terms and conditions as per "SECTION – 1: NOTICE INVITING TENDERS" OF "CONDITIONS AND CLAUSES OF CONTRACT – 2008" carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.**

विभाग उन एजेंसियों के निविदा दस्तावेजों पर विचार न करने का अधिकार सुरक्षित रखता है जो एनआईटी शर्तों को पूरा नहीं कर रहे हैं और/या उनके द्वारा पूर्व में किए गए कार्यों पर प्रतिकूल रिपोर्ट रखते हैं। Department reserves the right of Non-consideration of Tender documents of the agencies who are not fulfilling the NIT stipulations and / or having adverse report on the works carried out by them in the past.

3. **वेबसाइट पर डाली गई निविदाकर्ताओं के लिए सूचना और निर्देश निविदा दस्तावेज के रूप में होंगे। Information and Instructions for tenderers posted on website shall form of tender document.**

4. निविदा दस्तावेज जिसमें योजनाओं, विनिर्देशों, निष्पादित की जाने वाली विभिन्न प्रकार की वस्तुओं की मात्रा की अनुसूची और अनुबंध के नियमों और शर्तों का पालन किया जाना है और अन्य आवश्यक दस्तावेजों को वेबसाइट केंद्रीय सार्वजनिक खरीद पोर्टल साइट **https//eprocure.gov.in/eprocure/app** या **www.dcsem.gov.in** से निःशुल्क देखा और डाउनलोड किया जा सकता है।**The tender document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website** CPPP site **https://eprocure.gov.in/eprocure/app or www.dcsem.gov.in free of cost**.

मानक दस्तावेज प्राप्त करना: उपरोक्त के अलावा, संभावित एजेंसियों को उनके साथ अलग से निम्नलिखित दस्तावेज रखने होंगे, जो इस कार्य के लिए निविदा दस्तावेजों का हिस्सा बनेंगे। इन दस्तावेजों को निसेसंप्रनि की वेबसाइट से डाउनलोड किया जा सकता है या निर्दिष्ट कीमतों के भुगतान पर अलग से खरीदा जा सकता है। यदि एजेंसियों के पास पहले से ही ये मानक दस्तावेज हैं, तो उन्हें फिर से डाउनलोड/खरीदने की आवश्यकता नहीं है। **OBTAINING OF STANDARD DOCUMENTS:** In addition to the above, the prospective agencies shall be required to possess following documents with them separately, which shall form part of Tender Documents for this work. These documents can be downloaded from the DCSEM's website or can be purchased separately on payment of prices indicated. In case the agencies already possess these standard documents with them, the same need not be downloaded / purchased again.

मुद्रित पुस्तकें मुख्य अभियंता सीक्यूडी के कार्यालय, तीसरी मंजिल, वी.एस. भवन, अणुशक्तिनगर, मुंबई - 400 094 में उपलब्ध हैं। इसके लिए भुगतान नकद या वेतन और लेखा अधिकारी, निसेसंप्रनि के पक्ष में मुंबई में देय डीडी के रूप में किया जा सकता है, जैसा कि नीचे बताया गया है: Printed books are available at the Office of the Head CQD, 3rd Floor, V.S. Bhavan, Anushaktinagar, Mumbai – 400 094. Payment for the same can be made in cash or in the form of DD drawn in favour of Pay and Accounts Officer, DCSEM, payable at Mumbai as indicated below:

i) Conditions and Clauses of Contract – 2008 Rs.50/- per book

5. बोली केवल अनिवार्य स्कैन किए गए दस्तावेजों जैसे डिमांड ड्राफ्ट या पे ऑर्डर या जमा कॉल रसीद या सावधि जमा रसीद और किसी भी वाणिज्यिक बैंक की बैंक गारंटी को निविदा दस्तावेज की लागत और ईएमडी " **वेतन और लेखा अधिकारी, निसेसंप्रनि, मुंबई "** के पक्ष में और अन्य दस्तावेज निर्दिष्ट के रूप में अपलोड करने के बाद ही जमा की जा सकती है। The bid can only be submitted after uploading the mandatory scanned documents such as Demand Draft or Pay order or Deposit at call Receipt or Fixed Deposit Receipts and Bank Guarantee of any Commercial bank towards cost of tender **document** and EMD in favour of **"PAY AND ACCOUNTS OFFICER, DCSEM, MUMBAI"** and other documents as specified.

6. **खुलने की तिथि पर, ठेकेदार लॉगिन कर और बोली खोलने की प्रक्रिया को देख सकता है। On opening date, the contractor can login and see the bid opening process.**

7. **वित्तीय टर्न ओवर का प्रमाण पत्र:** बोली प्रस्तुत करने के समय, ठेकेदार पिछले 3 वर्षों के वित्तीय कारोबार का उल्लेख करते हुए या बोली दस्तावेज में निर्दिष्ट अवधि के लिए चार्टर्ड एकाउंटेंट से **उपक्रम / प्रमाण पत्र** अपलोड कर सकता है। **Certificate of Financial Turn Over:** At the time of submission of bid, contractor may upload **Undertaking** / Certificate from CA mentioning Financial Turnover of last 3 years or for the period as specified in the bid document.

8. **मूल्य बोली: मूल्य बोली की अनुसूची** BOQ_XXXX .xls **के रूप में प्रकट होगी PRICE BID: Schedule of price bid would appear in the form of BOQ_XXXX .xls**

इस निविदा दस्तावेज़ के साथ वित्तीय प्रस्ताव/वाणिज्यिक बोली/BoQ प्रारूप BoQ_XXXX.xls के रूप में https://eprocure.gov.in/eprocure/app पर प्रदान किया गया है। बोलीदाताओं को सलाह दी जाती है कि वे इस BoQ_XXXX.xls को ज्यों का त्यों डाउनलोड करें और अपने प्रस्ताव/दरों को अनुमत कॉलम में उद्धृत करें और इसे वाणिज्यिक बोली में अपलोड करें। बोलीदाता **किसी भी तरह से डाउनलोड किए गए मूल्य बोली टेम्पलेट से छेड़छाड़/संशोधन नहीं करेगा।** यदि यह किसी भी तरह से छेड़छाड़/संशोधित पाया जाता है, तो निविदा को पूरी तरह से खारिज कर दिया जाएगा और ईएमडी को जब्त कर लिया जाएगा और निविदाकर्ता को व्यवसाय करने से प्रतिबंधित कर दिया जाएगा। The Financial Proposal/Commercial bid / BoQ format is provided as BoQ_XXXX.xls along with this tender document at https://eprocure.gov.in/eprocure/app. Bidders are advised to download this BoQ_XXXX.xls as it is and quote their offer/rates in the permitted column and upload the same in the commercial bid. **Bidder shall not tamper/modify downloaded price bid template in any manner**. In case if the same is found to be tempered/modified in any manner, tender will be completely rejected and EMD would be forfeited and tenderer is liable to be banned from doing business.

ठेकेदार को प्रत्येक मद की दर उद्धृत करना सुनिश्चित करना होगा। दर उद्धृत करने वाला कॉलम **आसमानी नीला** रंग में दिखाई देता है। किसी भी सेल का चयन करते समय एक चेतावनी अनिवार्य रूप से ऐसे सभी कक्षों को "0" (शून्य) सहित किसी भी मान से भरना होगा दिखाई देती है । Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in **SKY BLUE** colour. While selecting any of the cells a warning appears **to mandatorily fill all such cells with any value, including "0" (ZERO).**

9. दो/तीन चरण प्रणाली में बोलियों के मामले में और यदि संशोधित वित्तीय बोली जमा करने की इच्छा है तो संशोधित वित्तीय बोली जमा करना अनिवार्य होगा। यदि प्रस्तुत नहीं किया जाता है तो पहले प्रस्तुत की गई बोली अमान्य हो जाएगी। In the case of bids in two / three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.

10. विभाग बिना कोई कारण बताए किसी भी संभावित आवेदन को स्वीकार/अस्वीकार करने का अधिकार सुरक्षित रखता है। The Department reserves the right to accept/reject any prospective application without assigning any reason thereof.

11. **एजेंसियों की लघुसूचीयन, निसेसंप्रनि द्वारा गठित विशेषज्ञों की तकनीकी मूल्यांकन समिति के माध्यम से उनकी क्रेडेंसियल के पूर्ण सत्यापन और उनके द्वारा किए गए कार्यों के निरीक्षण के अधीन होगी। लघुसूचीयन के लिए कार्यकारी प्राधिकारी की प्रदर्शन रिपोर्ट पर भी विचार किया जाएगा। Short listing of the agencies shall be subject to thorough verification of their credentials and inspection of works carried out by them, through a Technical Evaluation Committee of experts, constituted by DCSEM. The performance report from the executing authority shall also be considered for shortlisting.**

12. यदि आवेदक द्वारा प्रस्तुत की गई कोई भी जानकारी बाद के चरण में गलत पाई जाती है, तो वे निसेसंप्रनि में निविदा/कार्य करने से वंचित होने के लिए उत्तरदायी होंगे। **IF ANY INFORMATION FURNISHED** by the applicant is found to be incorrect at a later stage, they shall be liable to be debarred from tendering / taking up works in DCSEM.

13. आवेदक किसी भी अतिरिक्त जानकारी को प्रस्तुत कर सकता है जिसे वे परिकल्पित कार्य को सफलतापूर्वक पूरा करने के लिए अपनी क्षमताओं को स्थापित करने के लिए आवश्यक समझते हैं। ऑनलाइन निविदा जमा करने की अंतिम तिथि के बाद किसी भी सूचना पर तब तक विचार नहीं किया जाएगा जब तक सक्षम प्राधिकारी द्वारा इसे नहीं बुलाया जाता है। The applicant may furnish any additional information which they think necessary to establish their capabilities to successfully complete the envisaged work. No information shall be entertained after last date of online submission of tenders unless it is called by the competent authority.

    यदि आवेदक द्वारा दी गई कोई जानकारी बाद के चरण में गलत पाई जाती है, तो वे निसेसंप्रनि में निविदा/कार्य करने से वंचित होने के लिए उत्तरदायी होंगे। निसेसंप्रनि स्वतंत्र रूप से आवेदक द्वारा प्रस्तुत किए गए विवरणों को सत्यापित करने और बिना कोई कारण बताए किसी भी आवेदन को अस्वीकार करने का और निर्धारित पूर्व-योग्यता मानदंडों को पूरा करने वाले बहुत से आवेदन प्राप्त होने की स्थिति में पूर्व-अर्हता प्राप्त एजेंसियों की सूची को उपयुक्त समझी जाने वाली संख्या तक सीमित करने का अधिकार सुरक्षित रखता है। If any information furnished by the applicant is found incorrect at a later stage, they shall be liable to be debarred from tendering /taking up of work in DCSEM. DCSEM reserves the right to verify the particulars furnished by the applicant independently and reject any application without assigning any reason and to restrict the list of pre-qualified agencies to any number deemed suitable in case too many applications are received satisfying the laid down Pre-qualification criteria.

टिप्पणी **Note: संभावित एजेंसियां निविदा जमा करने से पहले एनआईटी के सभी मानदंडों को पूरा करने के लिए खुद को संतुष्ट करेंगी। विभाग निर्धारित मानदंडों को पूरा नहीं करने वाली एजेंसियों की निविदा पर विचार न करने का अधिकार सुरक्षित रखता है। Prospective agencies shall satisfy themselves of fulfilling all the NIT criteria before submission of the tender. Department reserves the right of non-consideration of tender of the agencies not fulfilling the stipulated criteria.**

भाग-डी: स्कैन और अपलोड किए जाने वाले दस्तावेजों की सूची
PART-D: LIST OF DOCUMENTS TO BE SCANNED & UPLOADED

1. सीए द्वारा प्रमाणित वित्तीय टर्न ओवर **Financial Turn Over certified by CA**
2. सीए द्वारा प्रमाणित लाभ और हानि विवरण **Profit & Loss statement certified by CA**
3. नवीनतम बैंक सॉल्वेंसी प्रमाणपत्र **Latest Bank Solvency Certificate**
4. भाग-सी के खण्ड सं. 1.1 के अनुसार निष्पादित समान कार्य के लिए बीओक्यू और उसके समापन प्रमाण पत्र के साथ कार्य आदेश की प्रति। **Copy of work order along with BOQ & its Completion Certificate for executed similar work as per Clause no. 1.1 of Part-C.**
5. पिछले 7 वर्षों में पूर्ण किए गए समान कार्यों की सूची दर्शाती है: **List of similar works completed in last 7 years indicating:**
   i) एजेंसी जिसके लिए निष्पादित किया गया **Agency for whom executed**
   ii) कार्य का मूल्य **Value of Work**
   iii) पूरा होने का निर्धारित समय **Stipulated time of completion**
   iv) पूरा होने का वास्तविक समय **Actual time of completion.**
6. हाथ में कार्यों की सूची इंगित करते हुए **List of works in Hand indicating:**
   i) एजेंसी जिसके लिए निष्पादित किया जा रहा है **Agency for whom executing**
   ii) कार्य का मूल्य **Value of Work**
   iii) पूरा होने का निर्धारित समय **Stipulated time of completion**
   iv) वर्तमान स्थिति प्रतिशत (%) में **Present position in percentage (%).**
7. उपकरण, संयंत्र और मशीनरी की सूची **List of Tools, Plants and Machinery**
8. तकनीकी कर्मचारियों की सूची **List of Technical Staff**
9. प्रमाण पत्र: **Certificates:**
   i) मात्राओं की बिल / मात्राओं की अनुसूची / खरीद आदेश के साथ पूर्णता प्रमाणपत्र/प्रदर्शन प्रमाणपत्र **Completion Certificate / Performance Certificates with BOQ/SOQ/PO**
   ii) जीएसटी पंजीकरण प्रमाण पत्र **GST registration certificate**
   iii) पैन (स्थायी खाता संख्या) पंजीकरण **PAN (Permanent Account Number) Registration**
   iv) ईपीएफओ पंजीकरण प्रमाणपत्र **EPFO registration certificate.**
   v) ईएसआईसी पंजीकरण प्रमाणपत्र **ESIC registration certificate.**
   vi) वैध विद्युत ठेकेदार लाइसेंस **Valid Electrical Contractor License**
10. बयाना राशि के लिए किसी वाणिज्यिक बैंक की सावधि जमा रसीद **FDR of any Commercial Bank against EMD.**
11. बयाना राशि के लिए किसी वाणिज्यिक बैंक की बैंक गारंटी (यदि कोई) । **Bank Guarantee of any Commercial Bank against EMD (if any).**
12. तकनीकी बोली में दिए गए प्रारूप में निविदा स्वीकृति पत्र। **Tender Acceptance Letter in the format provided in technical bid.**
13. तकनीकी बोली में दिए गए प्रारूप में उपक्रम । **Undertaking in the format provided in technical bid.**
14. अनुबंध-II के रूप में सार्वजनिक खरीद (मेक इन इंडिया को प्राथमिकता) के प्रावधानों के लिए उपक्रम। **Undertaking for the provisions of Public Procurement (Preference to Make in India) as Annexure-II.**
15. **Undertaking for Land Border certificate**

(मूल प्रमाणपत्रों की स्कैन कॉपी अपलोड की जानी है Scanned copy of original certificates to be uploaded).

भारत सरकार GOVERNMENT OF INDIA
परमाणु ऊर्जा विभाग DEPARTMENT OF ATOMIC ENERGY
निर्माण, सेवा एवं संपदा प्रबंधन निदेशालय DIRECTORATE OF CONSTRUCTION, SERVICES AND ESTATE MANAGEMENT

खंड - 2: **मद दर निविदा और कार्यों के लिए अनुबंध**
SECTION - 2 : ITEM RATE TENDER & CONTRACT FOR WORKS

i)	कार्य का नाम Name of work	**अणुशक्तिनगर, मुंबई-400094 स्थित अन्नपूर्णा एवं धवलगिरि (टाइप V-E) भवनों के आवासीय फ्लैटों में आंतरिक विद्युत प्रतिष्ठानों का उन्नयन / नवीनीकरण कार्य। / Upgradation/Renovation of internal electrical installations in residential flats of Annapurna and Dhawalgiri (Type V-E) buildings, Anushaktinagar, Mumbai – 400094.**
ii)	ऑनलाइन निविदा जमा करने की अंतिम तिथि और समय Last date & time of online submission of tender	**On 30/10/2026 at 17:00 hours**
iii)	ऑनलाइन निविदा खोलने की तिथि और समय (तकनीकी बोली) Date & Time of online opening of tender (Technical Bid)	**On 03/11/2026 at 15:00 hours**
iv)	तकनीकी बोली खोलने का स्थान Venue for Opening of Technical Bid	**Office of Head, Quantity Section - C, 3rd Floor, VS Bhavan, Anushaktinagar, Mumbai - 400 094.**

TENDER DOCUMENTS ISSUED TO M/S. …….. ……

……

Quantity Section - C

Date of issue: **……**

निविदा TENDER

I / We have read and examined the Notice Inviting Tender, Salient Governing Features of the Tender / Work including Schedules A, B, C, D, E & F, **Specifications Books *,** Drawings and Designs, General Rules & Directions, General Clauses of Contract, Special Clauses of Contract & other documents and rules referred to in the **Conditions and Clauses of Contract – 2008 *** and all other contents in the tender documents for the work.

(*** Note:** The "Specifications / Conditions and Clauses of Contract books" are available on Web-sites www.dcsem.gov.in. The required books as indicated under Schedule "F" and under Clause-11 of this Salient Governing Feature of the Tender / Work, may be downloaded from the above Web-sites. These books also can be purchased separately on payment of price as indicated below with the Pay and Accounts Officer, DCSEM, Mumbai. If the agency already possesses or has downloaded this / these book(s), they need not purchase the same again:

1	Conditions and Clauses of Contract – 2008	Rs.50/- per book.
2	Specifications for Civil Works – 2023	Rs.500/- per book.

However, these books, as required / specified in this "Salient Governing Feature of the Tender / Work" herein below, shall remain part of the tender documents / Contract / agreement to be executed, and signed by both the parties after acceptance of the Tender.)

I / We, hereby tender for the execution of the work specified for the President of India within the time specified in Schedule "F", viz., Schedule of Quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule 1 of General Rules & Directions and in Clause - 11 of the General Clauses of Contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for **one hundred eighty (180) days** from the date of opening of technical bids and not to make any modifications in its terms and conditions.

A sum of **₹3,74,000/-** is hereby forwarded towards Earnest Money Deposit prescribed in the tender**.** Original scanned copy of both the forms of Earnest money documents are uploaded on the indicated website along with other tender documents and original shall be deposited in the office of Quantity Section-C **with in the bid submission period.**

Consequent to the award of the subject work, If I / we, fail to furnish the prescribed performance guarantee within prescribed period, I / we agree that the said President of India or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I / we fail to commence work as specified, I / we agree that President of India or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, up to maximum of the percentage mentioned in Schedule "F" and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form. Further, I / We agree that in case of forfeiture of earnest money or both Earnest Money & Performance Guarantee as aforesaid, I / We shall be debarred for participation in the re-tendering process of the work.

"I / We undertake and confirm that eligible similar work(s) has/ have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for tendering in DCSEM in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit / Performance Guarantee."

I / We hereby declare that I / We shall treat the tender documents, drawings and other records connected with the work as secret / confidential documents and shall not communicate information derived there-from to any person other than a person to whom I / We am / are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Signature of Contractor
Postal Address

Dated
Witness
Address
Occupation

स्वीकृति A C C E P T A N C E

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the President of India for a sum of Rs...../- (Rupees..... ....).

The letters referred to below shall form part of this contract agreement:

i)
ii)
iii)

Signature
Designation
For & on behalf of the President of India

Dated ……..

* * *

निविदा की मुख्य शासी विशेषताएं Salient Governing Features of the Tender

अनुसूचियों का प्रारूप Proforma of Schedules

SCHEDULE 'A' :	Reference to NIT & Tender Documents		
SN	**TITLE**	**PARTICULARS**	**PAGE**
1	Notice Inviting Tender (NIT) No.	**DCSEM/CQD/QSC/UPGRD-ELECT/ANNAP-DHAWA/26-27/NIT-02, Dtd.12.10.2026**	
2	Notice Inviting Tender details	NIT as uploaded on Web Site	**3**
3	**Changes in conditions of contract -2008**	**CDN/C1 ,CDN/C2 and CDN/C3**	**20**
4	**Changes, if any, in following specifications:**		
	a) Specifications for Civil Works – 2023 :	Addl. Specifications for Civil works	**NA**
	b) Specifications for PHE Works – 2023 :	Addl. Specifications for PHE works	**NA**
	c) Specification for Electrical Work-2024: Available in DCSEM website. (https://dcsem.gov.in/resources/uploads/electrical_work/specification_electrical_works_18338843931709119468.pdf)	**Note: - The makes mentioned in specifications are indicative in nature and participating bidders can use products other than mentioned makes after due approval from department. In case of any new brand other than BIS certified or from departmental list of manufacturer is proposed, adequate information about the product and manufacturer, shall be provided at tender stage (Pre-bid).**	
5	Scope and location of the work:		**52-53**
6	List of drawings		**74-75**
7	Time Schedule for the work:		**76**
8	**Schedule of Quantities**	**Please refer Financial Bid**	**---**

SCHEDULE 'B' :	Materials to be issued to the contractor			
S. No	**Description of item**	**Quantity**	**Rates at which the Materials will be charged to the contractor**	**Place of issue**
1	2	3	4	5
1.	Grey Cement in bags	*Nil*	***Contractor's own supply***	*NA*
2.	Re-Bars for RCC	*Nil*	***Contractor's own supply***	*NA*
3.	Water for construction. Purpose		***Free of cost***	*NA*
4.	Electricity for const. purpose		***Free of cost***	*NA*

SCHEDULE 'C' :	Land earmarked for temp. infrastructures and Tools & plants to be hired to the contractor		
S.No	**Description**	**Hire charges**	**Place of issue**
1	2	3	4
1.	Area for storage / site office (SCC-11)	As per Clause SCC-11	Site premises
2.	Temporary Buildings (SCC-12)	As per Clause SCC-12	Site premises
3.	Labour hutments (SCC-12)	**Not permitted**	

SCHEDULE 'D'	
Extra schedule for specific requirements / documents for the work, if any **Particularly for addl. Security guidelines, Gate pass, lift, tower crane etc.**	***Nil***

SCHEDULE 'E' :	Reference to the Book of "**Conditions & Clauses of Contract**" to be followed for this work. ***(https://dcsem.gov.in/resources/uploads/condition_and_clauses_2008/condition_86371434002905.pdf)***	**Year – 2008**
Name of works: अणुशक्तिनगर, मुंबई-400094 स्थित अन्नपूर्णा एवं धवलगिरि (टाइप V-E) भवनों के आवासीय फ्लैटों में आंतरिक विद्युत प्रतिष्ठानों का उन्नयन / नवीनीकरण कार्य। / Upgradation/Renovation of internal electrical installations in residential flats of Annapurna and Dhawalgiri (Type V-E) buildings, Anushaktinagar, Mumbai – 400094.		**As per NIT**
i) Estimated cost of work :	***₹187.00 lakhs***	**As per NIT**
ii) Performance Guarantee	**5% of tendered value (also refer CDN/C-1)**	**As per Tender**
iii) Security Deposit	**2.5% of tendered value**	**As per Tender**

SCHEDULE 'F' :

General Rules & Directions :	
Officer inviting tender :	***Chief Engineer (ESG), DCSEM***
Maximum percentage for quantity of Items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3.	See Clause-12 below

Definitions : ***(CCC – 2008, P. 11)***		
2(v)	Engineer-in-charge	***Representative of Chief Engineer (ESG), DCSEM***
2(viii)	Accepting Authority	***Chief Engineer (ESG), DCSEM***
2(x)	Percentage on cost of materials and labour to cover all overheads & profits	***15% (Fifteen percent)***
2(xii)	Department	***DCSEM, Department of Atomic Energy***
9(ii)	Standard Contract Form of Deptt.	***Item Rate Tender***

Clause – 1 ***(CCC – 2008, P. 13)***	
i) Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance / WO.	***15 days***
ii) Maximum allowable extension beyond the period (provided in – i) above.	***Can be further extended at the written request of the contractor for a maximum period ranging from 1 to 15 days with late fees i. e. 0.1% per day of Performance Guarantee amount.*** ***If contractor fails to furnish the prescribed Performance Guarantee within the prescribed period, the Earnest Money Deposit (EMD) is absolutely forfeited to the President automatically without any notice.***

Clause –2 ***(CCC-2008, P.14)***	Authority for fixing compensation under clause 2.	***Chief Engineer (ESG), DCSEM***

Clause – 5	Number of days from the date of issue of letter of	***15 days***

(CCC – 2008, P. 15)	acceptance / WO for reckoning date of start.	

Mile stone(s) as per table given below:

TABLE OF MILE STONE(S)

Sl. No.	Description of Milestone (Physical)	Time Allowed in days (from date of start)	Amount to be with-held in case of non achievement of milestone
1.	NIL		
2	NIL		
COMPLETION PERIOD OF WORK	**12 Months**		

Authority to decide: i) Extension of time: **Engineer-in-Charge for the work.**
ii) Re-scheduling of Mile Stone NA.

Clause applicable – (6 or 6A): ***(CCC – 2008, P. 16)***	Clause 6 for Manual Billing or Clause 6A for Computerized Billing	***Clause 6A*** : Computerized Billing

Clause – 7: ***(CCC-2008, P. 17)***	Gross work to be done together with net payment / adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment.	**More than ₹7,80,000/-**

Clause – 10A: *(CCC – 2008, P. 19)*	List of testing equipments to be provided by the contractor at site lab **(As per site requirements)**	
1. Insulation Tester – 1 No.	2. Multi meter – 1 Nos.	-
3. Vernier caliper – 1 No.	4. Wire gauge – 1 No.	-

Clause – 10B (ii) : ***(CCC – 2008, P. 20)***	**(Mobilisation Advance)**
Whether Clause 10 B (ii) shall be applicable **(If yes, Clause of Tender Condition to be followed)**	***Not applicable***

Clause – 10C:	Component of labour expressed as percent of value of the work ***(CCC – 2008, P. 11)***	***N/A***

Clause – 10CA: ***(CCC – 2008, P. 21)*** ***Not Applicable***

S. No	Materials Covered under this Clause	Nearest Materials for which All India Wholesale Price Index is to be followed	Basic Rate
1	**Cement**	***Grey Cement***	***N/A***
2	**Steel reinforcement bars**	***Steel (Rebars)***	***N/A***

***Note:** Base price for materials given above are only for regulating operation of clause 10-CA. The tenderers are requested to consider prevailing market rates while quoting the rates.

Clause – 10CC: ***(CCC – 2008, P. 22) :*** ***Not Applicable***

Clause 10 CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column.			***N/A***
Schedule of component of Cement, Steel, other Materials, Labour, POL, etc. for price escalation.			
1	Component of Grey Cement – expressed as percent of total value of work	Xc	***N/A***
2	Component of Rebars- expressed as percent of total value of work	Xs	***N/A***
3	Component of civil (except Grey cement & Rebars) / Electrical construction Materials – expressed as percent of total value of work:	Xm	***N/A***
4	Component of Labour – expressed as percent of total value of work	Y	***N/A***

5	Component of P.O.L. – expressed as percent of total value of work	Z	***N/A***

Clause – 11: ***(CCC – 2008, P. 24)***		
Specifications to be followed for execution of this work	**a)** ***Specification of AMC works - enclosed***	
Clause – 12: ***(CCC – 2008, P. 25)***		
12.2 & 12.3	Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for **building works**	***NA***
12.5	Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for **foundation work**	***NA***
12.5	Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for **maintenance work**	***50%***

Clause – 16: ***(CCC – 2008, P. 27)***	Competent Authority for deciding reduced rates :	***Chief Engineer (ESG), DCSEM***

Clause – 18: ***(CCC – 2008, P. 28):***	List of mandatory machinery, tools & plants to be deployed by the contractor at site: *(To be decided based on nature and magnitude of the work).*

Note: The list of machinery, tools & plants to be deployed by the contractor at site are minimum. The contractor shall deploy additional machinery, tool & plants in order to maintain the progress of the work without any extra cost to the department.

Clause – 36(i): (CCC-2008,P.35)	**Requirement of Technical Representative(s) & recovery Rate**					
Sl. No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technica / Technical representative)	Min. Exp. In yrs.	No.	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36 (i).
1	B.E.	Electrical Engg.	Project Manager	**10**	**Nil**	**Rs.15,000.00**
2	B.E.	Electrical Engg.	Graduate Engineer	**5**	**Nil**	**Rs.15,000.00**
3	B.E.	Electrical Engg.	Graduate Engineer	**2**	**1**	**Rs.15,000.00**
	OR					
	Diploma	Electrical Engg.	Diploma Engineer	**5**	**1**	**Rs.15,000.00**

Note: 1) The above staff to be nominated from the start of the work and to be deputed at site during erection / commissioning as per requirement.
2) Assistant Engineers / Scientific Officer- "C", retired from Govt. services that are holding Diploma, will be treated at par with Graduate Engineers.

Clause – 42: ***(CCC – 2008, P. 36)***		
(i)	(a) Schedule / statement for determining theoretical quantity of cement on the basis of :	***NA***
(ii)	**Variations permissible on theoretical quantities.**	
A	**Cement**	
	i) for works with estimated cost put to tender up to ***Rs.5 Lakhs***	***NA***
	ii) for works with estimated cost put to tender more than ***Rs.5 Lakhs***	***NA***
B	Bitumen for All works	***NA***

C	Steel reinforcement and structural steel sections	***NA***
D	All other materials.	**Nil**

RECOVERY RATES			
S. No.	**Description of Item**	**Rates in figures & words at which recovery shall be made from the Contractor**	
		Excess wastage beyond permissible limit	Less use Beyond permissible Limit
1	Grey Cement	***Nil***	***NA***
2	Rebars	***Nil***	***NA***

Quantity Section - C

Notes:

1. *In the case of any discrepancy between these "Salient Governing Features of the Tender/Work" & the book "Conditions and Clauses of Contract – 2008", stipulations given in these "Salient Governing Features of the Tender/Work" shall take precedence.*
2. *In the case of any discrepancy found in printed matter of Hard copy and Soft copy of any document of the tender including Technical & Financial bids, (either downloaded from the departmental web-site or provided by the department through e-mail or any other mean), the matter of Hard copy shall always Govern/ prevail.*
3. *It will be the responsibility of the Contractor to get the character & antecedents of the regular staff & Supervisors, engaged by them, for carrying out the work being awarded to him, verified from the Police authorities and produce the report of the verification to the Security at the gate under intimation to Engineer-in-Charge of the work.*

***

सीडीएन / सी-1: सीसीसी-2008 में परिवर्तन संशोधन की सूची
CDN/C-1: LIST OF CHANGES / MODIFICATIONS IN THE CCC-2008

क्र. सं. **Sr. No.**	**मौजुदा प्रावधान** **Existing Provision**	**संशोधित प्रावधान** **Modified Provision**
1	**SECTION-1: NOTICE INVITING TENDERS**	
1.1	Sl. No. 5, Page 6 :- Earnest Money Deposit (E.M.D.) of Rs..... in cash up to Rs.10,000/- in the form of Department's receipt / Demand Draft / Pay Order / Banker's cheque / Deposit at call receipt / Fixed Deposit Receipt (FDR), issued by a Scheduled Bank, drawn in favour of .....(Pl. Refer SGF) NOTE: EMD in the form of Cheques will not be accepted. However, 50% of Earnest Money or Rs.20 Lakhs, whichever is less, will have to be deposited in the form prescribed above and balance amount of earnest money can be accepted in the form of Bank Guarantee (BG) issued by a Scheduled Bank.	Sr. No.5, Page-6 of CCC-2008 Earnest Money Deposit (EMD) : Tenders shall be accompanied with Earnest Money of Rs. ----------/- The earnest money is accepted only in the following forms : a) Banker's cheque of a Commercial bank b) Account Payee Demand draft of a Commercial bank, c) Fixed deposit receipt (FDR) of a Commercial bank, d) Insurance Surety Bonds e) Bank Guarantee, including e-Bank Guarantee (for balance amount as prescribed) from a Commercial Bank A part of earnest money is acceptable in the form of bank guarantee also. In such case 50% of earnest money or Rs. 20 lakhs whichever is less, will have to be deposited in shape prescribed above and balance can be accepted in form of bank guarantee (including e-Bank Guarantee) issued by a Commercial bank having validity for six months or more from the date of submission of the tender and shall be scanned and uploaded by the intending bidders to the e-tendering website within the period of bid submission. The original EMD should be deposited to the Officers mention in the tender within the period mention in NIT. But the bid can only be submitted after deposition of EMD in favour of Pay and Accounts Officer in the form prescribed in NIT and uploading the mandatory scanned document such as Insurance Surety Bonds, Account Payee Demand Draft or Bankers Cheque or Fixed Deposit Receipt or/ and bank Guarantee, including e-Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank as mentioned in NIT. It should be ensured that the FDR is pledged in favour of the Pay & Accounts Officer, DCSEM, Mumbai. The tender and the earnest money in

क्र. सं. **Sr. No.**	**मौजुदा प्रावधान** **Existing Provision**	**संशोधित प्रावधान** **Modified Provision**
		acceptable form shall be placed in separate sealed covers marked "Earnest Money" and "Tender" respectively. Both the envelopes shall then be put in another sealed cover for submission. In cases where earnest money in cash is acceptable, the same shall be deposited with the cashier of the Accounts Section and the receipt placed in the envelope meant for earnest money. Refund of Earnest Money : 1) The earnest money given by all the tenderers except the lowest tenderer is refunded immediately after expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier. However, in case of two/ three bid system, earnest money deposit of bidders unsuccessful during technical bid evaluation etc. should be returned within 30 days of declaration of result of technical bid evaluation. 2) Earnest money shall be refunded on acceptance of Performance Guarantee submitted on LOI/ Award of work. Forfeiture of Earnest Money: (1) The forfeiture of earnest money shall be done as per the General Condition of Contract, (2) If contractor fails to furnish the prescribed performance guarantee within the prescribed period, the earnest money is absolutely forfeited to the President automatically without any notice. (3) In case of forfeiture of earnest money as prescribed in Para (1) and (2) above, the bidder shall not be allowed to participate in the re-tendering process of the work.
1.2	Sl. No. 6, Page 6 : **Performance Guarantee**: The tenderer, whose tender is accepted, will be required to furnish performance guarantee of 5% of the tendered amount within the period specified in Schedule "F", This guarantee shall be in the form of Department's cash receipt (in case guarantee amount is less than Rs.10,000/-) or Deposit at call receipt / Demand Draft / Pay Order/Banker's cheque issued by a Scheduled Bank (in case guarantee	Sl. No. 6, Page 6 : **Performance Guarantee**: The tenderer, whose tender is accepted, will be required to furnish performance guarantee of 5% of the **Estimated cost put to tender (ECPT) or** tendered amount **whichever is higher** within the period specified in Schedule "F". This guarantee shall be in the form of **Insurance Surety Bonds / Account Payee Demand Draft / Fixed Deposit Receipt (FDR) / Bank Guarantee from any of the Commercial Banks** in

क्र. सं. **Sr. No.**	**मौजुदा प्रावधान** **Existing Provision**	**संशोधित प्रावधान** **Modified Provision**
	amount is less than Rs.1,00,000/-) or Government Securities /Fixed Deposit Receipt (FDR) or Guarantee Bonds of any Scheduled Bank or The State Bank of India in accordance with the prescribed form.	accordance with the prescribed form **annexed as Section-10(i) hereto**. The Earnest Money deposited along with bid shall be returned after acceptance of the aforesaid performance Guarantee.
1.3	Sl. No. 9, Page6 : Validity of tender: The tender for the work shall remain open for acceptance for a period of 120 days from the last date of submission of tenders.	Sl. No. 9, Page6 : Validity of tender: **The tender for the work shall remain open for acceptance for a period of 180 days from the last date of submission of tender.**
2	**SECTION – 2: ITEM RATE TENDER & CONTRACT FOR WORKS**	
2.1	Para – 3 at page 7: We agree to keep the tender open for one hundred twenty (120) days from the last date of its submission and not to make any modifications in its terms and conditions.	Para – 3 at page 7: **We agree to keep the tender open for 180 days from the last date of submission of tender and not to make any modifications in its terms and conditions.**
2.2	New para is added as second last para, Page 8	New para is added as second last para, Page 8:I / We undertake and confirm that eligible similar work(s) has/ have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for tendering in **DCSEM** in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Performance Security.
3	SECTION-3: GENERAL RULES AND DIRECTIONS	
3.1	Sl. No. 12, Page 10: **Furnishing of PG & SD on acceptance of Tender**: The tenderer, whose tender is accepted, will be required to furnish performance guarantee of 5% of the tendered amount within the period specified in Schedule "F". This guarantee shall be in the form of Department's cash receipt (in case guarantee amount is less than Rs.10,000/-) or Deposit at call receipt / Demand Draft / Pay Order / Banker's cheque issued by a Scheduled Bank (in case guarantee amount is less than Rs.1,00,000/-) or Government Securities / Fixed Deposit Receipt (FDR) or Guarantee Bonds of any Scheduled Bank or The State Bank of India in accordance with the prescribed form.	Sl. No. 12, Page 10: **Furnishing of PG & SD on acceptance of Tender**: The tenderer, whose tender is accepted, will be required to furnish performance guarantee of 5% of the **Estimated cost put to tender (ECPT) or** tendered amount **whichever is higher** within the period specified in Schedule "F". This guarantee shall be in the form of **Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt (FDR) / Bank Guarantee from any of the Commercial Banks** in accordance with the prescribed form **annexed as Section-10(i) hereto**.

क्र. सं. **Sr. No.**	**मौजुदा प्रावधान** **Existing Provision**	**संशोधित प्रावधान** **Modified Provision**
	Para 12 (ii) The tenderer, whose tender is accepted, will also be required to furnish by way of security Deposit for fulfilment of his contract, an amount equal to 5% of the tendered value of the work.	Para 12 (ii) The tenderer, whose tender is accepted, will also be required to furnish by way of **Security Deposit** for fulfilment of his contract, an amount equal **to 2.5% of the tendered value** of the work.
4	**SECTION -4 : CONDITIONS OF CONTRACT**	
4.1	New para is added as (xv), Page 11	New para is added Page 11 (xv) **Date of commencement of work –** The date of commencement of work shall be the date of start as specified in Schedule F or the 1st date of handing over of the site, whichever is later, in accordance with the phasing if any, as indicated in the tender document.
5	SECTION-5 (i): GENERAL CLAUSES OF CONTRACT (GCC)	
5.1	Clause 1, Page 13: **PERFORMANCE GUARANTEE** i) The contractor shall submit an irrevocable Performance Guarantee of 5% (Five percent) of the tendered amount in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement, (not withstanding and / or without prejudice to any other provisions in the contract) within period specified in Schedule "F" from the date of issue of letter of acceptance. This period can be further extended by the Engineer-in-charge up to a maximum period as specified in Schedule "F" on written request of the contractor stating the reason for delays in procuring the Performance Guarantee, to the satisfaction of the Engineer-in-charge. This guarantee shall be in the form of Department's cash receipt (in case guarantee amount is less than Rs.10,000/-) or Demand Draft / Pay Order / Banker's cheque / Deposit at call receipt issued by a Scheduled Bank (in case guarantee amount is less than Rs.1,00,000/-) or Government Securities / Fixed Deposit Receipt (FDR) or Guarantee Bonds (BG) of any Scheduled Bank or The State Bank of India in accordance with the form annexed as Section-10(i) hereto. In case a fixed deposit receipt of any Bank is furnished by the contractor to the Government as part of the performance guarantee and	Clause 1, Page 13: **PERFORMANCE GUARANTEE** i) The contractor shall submit an irrevocable Performance Guarantee of 5% (Five percent) of the **Estimated cost put to tender (ECPT) or** tendered amount **whichever is higher** in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement, (not withstanding and / or without prejudice to any other provisions in the contract) within period specified in Schedule "F" from the date of issue of letter of acceptance. This period can be further extended by the Engineer-in-charge up to a maximum period as specified in Schedule "F" on written request of the contractor stating the reason for delays in procuring the Performance Guarantee, to the satisfaction of the Engineer-in-charge. This guarantee shall be in the form of **Insurance Surety Bonds/ Account Payee Demand Draft/ Fixed Deposit Receipt (FDR)/ Bank Guarantee from any of the Commercial Banks** in accordance with the form annexed as Section-10(i) hereto. In case a fixed deposit receipt of any Bank is furnished by the contractor to the Government as part of the performance guarantee and the Bank is unable to make payment against the said fixed deposit receipt, the loss caused thereby shall fall on the contractor and the contractor shall forthwith on demand furnish additional security to the Government to make good

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	the Bank is unable to make payment against the said fixed deposit receipt, the loss caused thereby shall fall on the contractor and the contractor shall forthwith on demand furnish additional security to the Government to make good the deficit.	the deficit.
	ii) The Performance Guarantee shall be initially valid upto the stipulated date of completion plus 60 days beyond that. In case the time for completion of work gets enlarged, the contractor shall get the validity of performance Guarantee extended to cover such enlarged time for completion of work. After recording of the completion certificate for the work by the competent authority, the performance guarantee shall be returned to the contractor, without any interest.	ii) The Performance Guarantee shall be initially valid up to the **stipulated date of completion plus minimum six (6) months** beyond the date of completion of all contractual obligations as per CCC. In case the time for completion of work gets enlarged, the contractor shall get the validity of performance Guarantee extended to cover such enlarged time for completion of work. After recording of the completion certificate for the work by the competent authority, the performance guarantee shall be returned to the contractor, without any interest.
	iii)	**No Change**
	(iv) In the event of the contract being determined under provisions of any of the clause/ condition of the agreement, the performance guarantee shall stand forfeited in full and shall be absolutely at the disposal of the President of India.	(iv) In the event of the contract being determined **or rescinded** under provisions of any of the clause/ condition of the agreement, the performance guarantee shall stand forfeited in full and shall be absolutely at the disposal of the President of India.
	v) No provision	**v) Abnormally Low Bid:** A bid will be treated as abnormally low if the tendered amount is less than 80% of the Estimated Cost Put to Tender (ECPT).
	vi) No provision	**Requirement of Additional Performance Guarantee (APG):** In case of abnormally low bid as defined above, the bidder shall be required to submit Additional Performance Guarantee (APG) in addition to the Standard Performance Guarantee (PG). The amount of Additional Performance Guarantee (APG) shall be equal to the difference between the 80% amount of ECPT and tendered amount. (e.g. if ECPT is A and tendered amount is 0.7A then the amount of APG shall be 0.8A-0.7A). The Additional Performance Guarantee (APG) shall be in the prescribed format of

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		Performance Guarantee and has to be submitted within the time frame prescribed for submission of Performance Guarantee. **The other terms and conditions of release / forfeiture etc. of APG shall be same as that of PG.**
5.2	Clause 1A para 1, Page No. 13 The person(s) whose tender may be accepted (herein after called the contractor) shall permit Government at the time of making any payment to him for work done under the contract to deduct a sum at the rate of 5% of the gross amount of each running bill till the sum along with the sum already deposited as earnest money, will amount to security deposit of 5% of the tendered value of the work. Such deductions .....to make good the deficit	Clause 1A para 1, Page No. 13 The person(s) whose tender may be accepted (herein after called the contractor) shall permit Government at the time of making any payment to him for work done under the contract to deduct a sum at the rate of 5% of the gross amount of each running bill till the sum amount to **security deposit of 2.5%** of the tendered value of the work.
5.3	**Clause 1A** para 3, Page No.13 Security Deposit as deducted above can be released against Bank Guarantee issued by a Scheduled Bank on its accumulation to a minimum of Rs.5 lakhs subject to the condition that amount of such Bank Guarantee, except last one, shall not be less than Rs. 5 lakhs.	**Clause 1A** para 3, Page No. 13 Security Deposit as deducted above can be released against Bank Guarantee issued by a Commercial Bank on its accumulation to a minimum of Rs. 5 lakhs subject to the condition that amount of such Bank Guarantee, except last one, shall not be less than Rs. 5 lakhs. **Provided further that the validity of bank guarantee shall be in conformity with provisions contained in clause 17 which shall be extended from time to time depending upon extension of contract granted under provisions of clause 2 and clause 5.**
5.4	**Clause 3** Page No. 14 (xii) If the work is not started by the contractor within 1/8th of the stipulated time.	**Clause 3** Page No. 14 (xii) : Deleted
5.5	**Clause 10 C** Page No. 21 PAYMENT ON ACCOUNT OF INCREASE IN PRICES/ WAGES DUE TO STATUTORY ORDER (S) : If after submission of the tender .....of the value of work done during that period.	**Clause 10 C** Page No. 21 PAYMENT ON ACCOUNT OF INCREASE IN PRICES/WAGES DUE TO STATUTORY ORDER (S): If after submission of the tender, the price of any material incorporated in the works (excluding the materials covered under clause 10CA and not being a material supplied from the Engineer in charge stores in accordance with clause 10 thereof) and/ or wages of labour increases as a direct result of the coming into force of any fresh law, or statutory rule or order (but not due to any

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		changes of rate in sale tax/ VAT, Central/ State excise/ custom duty) beyond the prices/ wages prevailing at the time of the last stipulated date of receipt of tenderers including extensions, if any, for the work during the contract period including the justified period extended under the provisions of clause 5 of the contract without any action under clause 2, then the amount of the contract shall accordingly be varied and provided further that any such increase shall be limited to the price / wages prevailing at the time of stipulated date of completion or as prevailing for the period under consideration, whichever is less. If after submission of the tender, the price of any material incorporated in the works (excluding the materials covered under clause 10CA and not being a material supplied from the Engineer in charge stores in accordance with clause 10 thereof) and/ or wages of labour as prevailing at the time of last stipulated date of receipt of tender including extensions, if any, is decreased as a direct result of the coming into force of any fresh law or statutory rules or order (but not due to any changes of rate in sales tax/ VAT, Central/ State excise/ custom duty), Government shall in respect of materials incorporate in the works (excluding the materials covered under clause 10CA and not being a material supplied from the Engineer in charge stores in accordance with clause 10 thereof) and/ or labour engaged on the execution of work after the date of coming into force of such law statutory rule or order be entitled to deduct from the dues of the contractor, such amount as shall be equivalent to the difference between the prices of the materials and/ or wages as prevailed at the time of the last stipulated date for receipt of tenders including extension if any for the work and the prices of materials and/ or wages of labour on the coming into force of such law, statutory rule or order. This will be applicable for the contract period including the justified period extended under the provisions of clause 5 of the contract without any action under clause 2.

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		Engineer in charge may call books of account and other relevant documents from the contractor to satisfy himself about reasonability of increase in prices of materials and wages. The contractor shall within a reasonable time of his becoming aware of any alteration in the price of any such materials and/ or wages of labour, give notice thereof to the engineer in charge stating that the same is given pursuant to this condition together with all information relating there to which may in position to supply. For this purpose, the labour component of the work executed during period under consideration shall be the percentage as specified in schedule F, of the value of work done during that period and the increase/ decrease in labour shall be consider on the minimum daily wages in rupees of any unskilled adult male mazdoor, fixed under any law, statutory rule or order.
5.6.1	**Clause 10 CA** para 3, Page No. 21 PAYMENT DUE TO VARIATION IN PRICES OF MATERIALS AFTER RECEIPT OF TENDER: The increase/ decrease in prices…… as indicated in schedule "F" shall be followed.	**Clause 10 CA** para 3, Page No. 21 PAYMENT DUE TO VARIATION IN PRICES OF MATERIALS AFTER RECEIPT OF TENDER : The increase/ decrease in prices of cement, steel and other materials as issued steel reinforcement, structural steel and other materials shall be determined by the All India Wholesale Price Indices of materials as published by Economic Advisor to Government of India, Ministry of Commerce and Industry and base price for cement, steel reinforcement, structural under the authority of Chief Engineer/ tender approving authority as valid on the last date of receipt of tender, and for the period under consideration. In case, price index of a particular material is not issued by Ministry of Commerce and Industry, then the price index of nearest similar material as indicated in Schedule 'F' shall be followed.
5.6.2	**Clause 10 CA** Page No. 21 Addition to the last para	**Clause 10 CA** Page No. 21, Addition to the last para : If during progress of work or at the time of completion of work, it is noticed that any material brought at site is in excess of requirement, then amount of

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		escalation if paid earlier on such excess quantity of material shall be recovered on the basis of cost indices as applied at the time of payment of escalation or as prevailing at the time of effecting the recovery, whichever is higher.
5.7	**Clause 10 CC** Page No. 22 PAYMENT DUE TO INCREASE/ DECREASE IN PRICES/ WAGES AFTER RECEIPT OF TENDER FOR WORKS:	**Clause 10 CC** Page No. 22 PAYMENT DUE TO INCREASE/ DECREASE IN PRICES/WAGES **(EXCLUDING MATERIALS COVERED UNDER CLAUSE 10CA)** AFTER RECEIPT OF TENDER FOR WORKS:
5.7.1	**Clause 10 CC** Page No. 22 (ii) (d) Full assessed value of Secured Advance fresh paid in this quarter	**Clause 10 CC** Page No. 22 (ii) (d) Full assessed value of Secured Advance **(excluding materials covered under clause 10 CA)** fresh paid in this quarter
5.7.2	**Clause 10 CC** Page No. 22 (iii)Components of cement, steel, materials, labour, P.O.L., etc. shall be pre-determined for every work and incorporated in the conditions of contract attached to the tender papers included in Schedule "E". The decision of the Engineer-in-charge in working out such percentages shall be binding on the contractors.	**Clause 10 CC** Page No. 22 (iii)Components for materials **(except cement, reinforcement bars, structural steel or other materials)**covered under clause 10CA) labour, P.O.L., etc. shall be predetermined for every work and incorporated in the conditions of contract attached to the tender papers included in Schedule "E". The decision of the Engineer-in-charge in working out such percentages shall be binding on the contractors.
5.7.3	**Clause 10 CC** Page No. 22 (iv) The compensation for escalation for cement, steel, materials, P.O.L shall be worked as per the formulae given below:	**Clause 10 CC** Page No. 22 iv) The compensation for escalation for other materials **(excluding cement, reinforcement bars, structural steel or other materials covered under clause 10CA) and P.O.L** shall be worked as per the formula given below:
5.7.4	**Clause 10 CC** Page No. 22 a) Adjustment for component of "cement"	**Clause 10 CC** Page No. 22 **Deleted**
5.7.5	**Clause 10 CC** Page No. 23 b) Adjustment for component of "steel"	**Clause 10 CC** Page No. 23 **Deleted**
5.7.6	**Clause 10 CC** Page No. 23 c) Adjustment for civil component (Except cement & steel / Electrical	**Clause 10 CC** Page No. 23 **a)** Adjustment for civil component **(except cement, structural steel, reinforcement bars and other**

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	component of construction materials:	**materials covered under clause 10CA)/ Electrical component of** construction 'Materials'
5.7.7	**Clause 10 CC** Page No. 23 Xm: Component of materials expressed as percent of the total value of work.	**Clause 10 CC** Page No. 23 Xm: Component of materials **(except cement, structural steel, reinforcement bars and other materials covered under clause 10CA)** expressed as percent of the total value of work.
5.7.8	**Clause 10 CC** Page No. 23 d) Adjustment for component of "POL"	**Clause 10 CC** Page No. 23 **b)** Adjustment for component of "POL"
5.7.9	**Clause 10 CC** Page No. 24 ix) Provided always that the provision of the preceding Clause 10 (C) and 10 CA shall not be applicable for contracts where provisions of this clause are applicable, but in cases where provisions of this clause are not applicable, the provisions of Clause 10 (C) and 10 CA will become applicable.	**Clause 10 CC** Page No. 24 **ix) Provided always that :-** **(a) Where provisions of clause 10CC are applicable, provisions of clause 10C will not be applicable but provisions of clause 10CA will be applicable.** **(b) Where provisions of clause 10CC are not applicable, provisions of clause 10C and 10CA will become applicable.**
5.8	**Clause 11** para 3, Page No. 24 The contractor shall comply with the……construction.(Repeated)	**Clause 11** para 3, Page No. 24 **Deleted**
5.9.1	**Clause 12.2** para 1, Page No. 25 DEVIATION, EXTRA ITEMS AND PRICING: In the case of extra item (s) the contractor may within fifteen days of receipt of order or occurrence of the item (s) claim rates, supported by proper analysis, for the work and the engineer-in-charge shall within one month of the receipt of the claims supported by analysis, after giving consideration to the analysis of the rates submitted by the contractor, determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined.	**Clause 12.2** para 1, Page No. 25 DEVIATION, EXTRA ITEMS AND PRICING : In the case of extra item (s) (items that are completely new, and are in addition to the items contained in the contract), the contractor may within fifteen days of receipt of order or occurrence of the item (s) claim rates, supported by proper analysis, for the work and the engineer-in-charge shall within one month of the receipt of the claims supported by analysis, after giving consideration to the analysis of the rates submitted by the contractor, determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined. In rate analysis material & labour components shall be as per CPWD ASR. However rate of material to

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		be as per market rates based on invoice and rate of labour as per statutory Authority.
5.9.2	**Clause 12.2** para 2,Page No. 25 In the case of substituted items the rate for the agreement items (to be substituted) and substituted item shall also be determined in the manner as mentioned in the following para.	**Clause 12.2** para 2, Page No. 25 In the case of substituted items (items that are taken up **with partial substitution or in lieu of items of work in the** contract) the rate for the agreement item (to be substituted) and substituted item shall also be determined in the manner as mentioned in the following para.
5.9.3	**Clause 12.5:** page 25 For the purpose of operation of **Schedule "F"**, the following works shall be treated as works relating to foundation: **(i)For buildings, compound walls:** plinth level or 1.2 meters (4 feet) above ground level, whichever is lower, excluding items of flooring and D.P.C. but including base concrete below the floors. **ii) For abutments, piers, retaining walls of culverts and bridges, walls of water reservoirs:** the bed of floor level. **For retaining walls where floor level is not determinate:** 1.2 meters above the average ground level or bed level. **iv) For roads:** all items of excavations and filling including treatment of sub-base and soling work. **For water supply lines, sewer lines, underground SWD & similar works:** all items of work below ground level except items of piping work. **vi) For open storm water drains:** all items of work except lining of drains.	**Clause 12.5:** page 25 For the purpose of operation of **Schedule "F",** the following works shall be treated as works relating to foundation: **(i)For buildings, compound walls:** plinth level or 1.2 m above ground level, whichever is lower, excluding items of flooring and D.P.C. but including base concrete below the floors. **(ii) For abutments, piers, retaining walls of culverts & bridges, walls of water reservoirs and well staining:** All works upto 1.2 m above the bed level. **(iii) For retaining walls, wing walls, compound walls, chimneys, overhead reservoirs/tanks and other elevated structures, where floor level is not determinate:** All works upto 1.2 m above the average ground level or bed level. **(iv) For reservoirs/tanks (other than overhead reservoirs/tanks):** All works upto 1.2 meters above the ground level. **(v) For basement:** All works upto 1.2m above ground level or upto floor 1 level whichever is lower. **vi) For Roads:** all items of excavations and filling including treatment of sub-base and soling work. **vii) For water supply lines, sewer lines, underground SWD & similar works:** all items of work below ground

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		level except items of piping work. **viii) For open storm water drains:** all items of work except lining of drains.
5.10	**Clause 14** Page No. 26 CANCELLATION OF CONTRACT IN FULL OR PART: (Deleted & merged with clause-3)	Clause 14 Page No. 26Carrying out part work at risk & cost of contractor : **If contractor:** At any time makes default during currency of work or does not execute any part of the work with due diligence and continues to do so even after a notice in writing of 7 days in this respect from the Engineer-in-Charge; **or** ii) Commits default in complying with any of the terms and conditions of the contract and does not remedy it or takes effective steps to remedy it within 7 days even after a notice in writing is given in that behalf by the Engineer-in-Charge; **or** iii) Fails to complete the work(s) or items of work with individual dates of completion, on or before the date(s) so determined, and does not complete them within the period specified in the notice given in writing in that behalf by the Engineer-in-Charge. The Engineer-in-Charge without invoking action under clause 3 may, without prejudice to any other right or remedy against the contractor which have either accrued or accrue thereafter to Government, by a notice in writing to take the part work/part incomplete work of any item(s) out of his hands and shall have powers to : a) Take possession of the site and any materials, constructional plant, implements, stores, etc., thereon; **and/or**(b) Carry out the part work / part incomplete work of any item(s) by any means **at the risk and cost of the contractor**. The Engineer-in-Charge shall determine the amount, if any, is recoverable from the contractor for completion of the part work/ part incomplete work of any item(s) taken out of his hands and execute at the risk and cost of the contractor, the liability of contractor on account of loss or damage suffered by Government because of action under this clause shall not exceed 10% of the tendered value of the work. In determining the amount, credit shall be given to the contractor with the value of work done in all respect in the same

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		manner and at the same rate as if it had been carried out by the original contractor under the terms of his contract, the value of contractor's materials taken over and incorporated in the work and use of plant and machinery belonging to the contractor. The certificate of the Engineer-in-Charge as to the value of work done shall be final and conclusive against the contractor provided always that action under this clause shall only be taken after giving notice in writing to the contractor. Provided also that if the expenses incurred by the department are less than the amount payable to the contractor at his agreement rates, the difference shall not be payable to the contractor. Any excess expenditure incurred or to be incurred by Government in completing the part work/ part incomplete work of any item(s) or the excess loss of damages suffered or may be suffered by Government as aforesaid after allowing such credit shall without prejudice to any other right or remedy available to Government in law or per as agreement be recovered from any money due to the contractor or any account, and if such money is insufficient, the contractor shall be called upon in writing and shall be liable to pay the same within 30 days. If the contractor fails to pay the required sum within the aforesaid period of 30 days, the Engineer-in-Charge shall have the right to sell any or all of the contractors' unused materials, constructional plant, implements, temporary building at site etc. and adjust the proceeds of sale thereof towards the dues recoverable from the contractor under the contract and if thereafter there remains any balance outstanding, it shall be recovered in accordance with the provisions of the contract. In the event of above course being adopted by the Engineer-in-Charge the contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials or entered into any engagements or made any advance on any account or with a view to the execution of the work or the performance of the contract."..
5.11	**Clause 19** para 1,Page No. 28	**Clause 19** para 1, Page No. 28

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	……..The contractor shall also abide by the provision of the Child labour (Prohibition & Regulation) Act – 1998.	…… The contractor shall also abide by the provision of the Child labour (Prohibition & Regulation) Act – 1986.
5.12	**Clause 19A** Page No. 28 No labour below 18 years: No labour below the age of 18 (eighteen) years shall be employed on the work.	**Clause 19A** Page No. 28 No labour below 14 years: No labour below the age of 14 (fourteen) years shall be employed on the work.
	CS-5: CCC-2008: P.36	
5.13	**CLAUSE 37 :** **LEVY / TAXES PAYABLE BY CONTRACTOR:** (i) Sales Tax / VAT or any other tax on materials in respect of this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect. (ii) The contractor shall deposit royalty and obtain necessary permit as required for supply of the sand, aggregate, stone etc. from local authorities. (iii) If pursuant to or under any law, notification or order any royalty, cess or the like becomes payable by the Government of India and does not any time become payable by the contractor to the State Government. Local authorities in respect of any material used by the contractor in the works then in such a case, it shall be lawful to the Government of India and it will have the right and be entitled to recover the amount paid in the circumstances as aforesaid from dues of the contractor.	**CLAUSE 37 :** **LEVY / TAXES PAYABLE BY CONTRACTOR:** i) **GST,** Building and other Construction workers Welfare cess or any other tax, Levy or Cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect except as provided under Clause 38. (ii) The contractor shall deposit royalty and obtain necessary permit for supply of the red bajri, stone, kankar, etc. from local authorities. (iii) If pursuant to or under any law, notification or order any royalty, cess or the like becomes payable by the Government of India and does not any time become payable by the contractor to the State Government, Local authorities in respect of any material used by the contractor in the works then in such a case, it shall be lawful to the Government of India and it will have the right and be entitled to recover the amount paid in the circumstances as aforesaid from dues of the contractor.
	CS-2: ***CCC-2008 P.8 &Section-2 : SGF P-2*** Following para is added in Section- 2 as second last para (Item Rate Tender & Contract for Works)	

"I / We undertake and confirm that eligible similar work(s) has/ have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for tendering in ***DCSEM*** *in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money*

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Deposit/Performance Guarantee."		
	CS-5: CCC-2008: P.36	
5.14	**CLAUSE 38:** **CONDITIONS FOR REIMBURSEMENT OF LEVY/TAXES IF LEVIED AFTER RECEIPT OF TENDERS:** i) All tendered rates shall be inclusive of all taxes and levies payable under respective statutes. However, **pursuant to the Constitution (46th Amendment) Act 1982,** if any further tax or levy is imposed by Statute, after .the last date of the receipt of tender and the contractor thereupon necessarily and properly pays such taxes / levies, the contractor shall be reimbursed the amount so paid, provided such payments, if any, is not, in the opinion of the Engineer-in-Charge (whose decision shall be final and binding on the contractor) attributable to delay in execution of work within the control of the contractor. ii) The contractor shall keep necessary books of accounts and other documents for the purpose of this condition as may be necessary and shall allow inspection of the same by a duly authorized representative of the Government and / or the Engineer-in-charge and further shall furnish such other information / document as the Engineer-in-charge may require from time to time. iii) The contractor shall, within a period of 30 days of the imposition of any such further tax or levy, **pursuant to the Constitution (46th Amendment) Act 1982,** give a written notice thereof to the Engineer-in-charge that the same is given pursuant to this condition, together with all necessary information relating thereto.	**Clause 38:** **CONDITIONS FOR REIMBURSEMENT OF LEVY/TAXES IF LEVIED AFTER RECEIPT OF TENDERS:** i) All tendered rates shall be inclusive of any tax, levy or cess applicable on last stipulated date of receipt of tender including extension if any. No adjustment i.e. increase or decrease shall be made for any variation in the rate of **GST**, building and other construction workers Welfare Cess or any tax, levy or cess applicable **on inputs**. However, effect of variation in rates of **GST** or Building and other Construction Welfare Cess or imposition or repeal of any other tax, levy or cess applicable on **output of the works** contract shall be adjusted on either side, increase or decrease. Provided for Building and other Construction workers welfare cess or any tax (other than GST), levy or cess varied or imposed after the last date of receipt of tender including extension if any, any increase shall be reimbursed to the contractor only if the contractor necessarily and properly pays such increased amount of taxes/levies/cess. Provided further that such adjustment including **GST** shall not be made in the extended period of contract for which the contractor alone is responsible for delay as determined by authority for extension of time under Clause-5 in Schedule 'F'. (ii) The contractor shall keep necessary books of accounts and other documents for the purpose of this condition as may be necessary and shall allow inspection of the same by a duly authorized representative of the Government and/or the Engineer-in-Charge and shall **also** furnish such other information/document as the Engineer-in-Charge may require from time to time. (iii) The contractor shall, within a period of 30 days of the imposition of any such further tax or levy **or cess**, give a written

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		notice thereof to the Engineer-in-charge that the same is given pursuant to this condition, together with all necessary information relating thereto.
GST Clause:		
5.15	----	Since the **GST (by subsuming indirect taxes such as VAT, Excise duty, service tax, octroi etc.)** is applicable w.e.f. 01.07.2017, GST as applicable in respect of this contract shall be payable by the contractor and Government will not entertain any claim whatsoever in respect of the same.
Additional Clause:		
5.16	----	I. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. II. "Bidder" (including the term `tenderer', 'consultant' or `service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process. III. "Bidder from a country which shares a land border with India" for the purpose of this Order means :- a. An entity incorporated, established or registered in such a country; or b. A subsidiary of an entity

क्र. सं. Sr. No.	मौजुदा प्रावधान Existing Provision	संशोधित प्रावधान Modified Provision
		incorporated, established or registered in such a country; or c. An entity substantially controlled through entities incorporated, established or registered in such a country; or d. An entity whose beneficial owner is situated in such a country; or e. An Indian (or other) agent of such an entity; or f. A natural person who is a citizen of such a country; or g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above. IV. The beneficial owner for the purpose of (iii) above will be as under : 1. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means. Explanation – a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent. of shares or capital or profits of the company. b. "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue

क्र. सं. Sr. No.	मौजुदा प्रावधान Existing Provision	संशोधित प्रावधान Modified Provision
		of their shareholding or management rights or shareholders agreements or voting agreements; 2. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership. 3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals. 4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official. 5. In case of trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership. v. An Agent is a person employed to do any act for another, or to represent

क्र. सं. Sr. No.	मौजुदा प्रावधान Existing Provision	संशोधित प्रावधान Modified Provision
		another in dealings with third person. VI. (To be inserted in tenders for Works contracts, including Turnkey contracts). The successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority. Certificate for Tenders (for transitional cases as stated in para 3 above): "I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India: I hereby certify that this bidder is not from such a country and is eligible to be considered". Certificate for Tenders: "I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India: I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. (Where applicable, evidence of valid registration by the competent Authority shall be attached)". Certificate for Tenders for Works involving possibility of sub-contracting : "I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. I hereby certify that

क्र. सं. Sr. No.	मौजुदा प्रावधान Existing Provision	संशोधित प्रावधान Modified Provision
		this bidder fulfills all requirements in this regard and is eligible to be considered. (Where applicable, evidence of valid registration by the Competent Authority shall be attached.)" Certificate for GeM: " I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India: I certify that this vendor/ bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this vendor/ bidder fulfills all requirements in this regard and is eligible to be considered for procurement on GeM. (Where applicable, evidence of valid registration by the Competent Authority shall be attached.)"
5.17		**Make in India Clause**:- The bidder should be "Class-I Local Supplier" as mentioned in DPIIT order of Public Procurement (Preference to Make in India), Order-2017, Order No. "P-45021/2/ 2017-PP (BE-II)-Part(4)Vol. II, dated 19.07.2024 and as amended from time to time and submit the requirement as per the order. (Contractor has to submit an undertaking for the provisions of Public Procurement (Preference to Make in India) as per Annexure mentioned in the Tender).

*****

CDN/C-2:- Form of Bank Guarantee Bond (BG) for Earnest Money Deposit/ Performance Guarantee/Security Deposit/Mobilization Advance

On non-judicial stamp paper of minimum Rs.100/-

(Guarantee offered by Bank to Department in connection with the execution of contracts)

1. Whereas the (Designation of Engineer) …… (name of division) ……. …., DCSEM on behalf of the President of India (hereinafter called "The Government") has invited bids under (NIT number) dated….For (name of work). The Government has further agreed to accept irrevocable Bank Guarantee for Rs (Rupees ….. only) valid upto (date)* as Earnest Money Deposit from (name and address of contractor), (hereinafter called "the Contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.

   OR**

   Whereas the (Designation of Engineer) …… (name of division) ……., DCSEM on behalf of the President of India (hereinafter called "The Government") has entered into an agreement bearing number……..with …… .....(name and address of the contractor) (hereinafter called "the Contractor") for execution of work……(Name of work). The Government has further agreed to accept an irrevocable Bank Guarantee for Rs (Rupees …….. only) valid upto…….(date)…….as Performance Guarantee/ Security Deposit/ Mobilization Advance from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.
2. We,(indicate the name of the bank) (herein after referred to as "the Bank"), hereby undertake to pay to the Government an amount not exceeding Rs.. ..... (Rupees…….only) on demand by the Government within 10 days of the demand.
3. We, ... (indicate the name of the Bank), do hereby undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank, under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs…. (Rupees…….only)
4. We, ... (indicate the name of the Bank), further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under and the Contractor shall have no claim against us for making such payment.
5. We……. (indicate the name of Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till Engineer-in-charge on behalf of the Government

certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.

6. We, …… (indicate the name of the Bank), further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said Contractor or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
7. We, ... (indicate the name of the Bank) ... , further agree that the Government at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee the Government may have in relation to the Contractor's liabilities.
8. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.
9. We, ... (indicate the name of the Bank), undertake not to revoke this guarantee except with the prior consent of the Government in writing.
10. This Bank Guarantee shall be valid up to ..... unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs…….. (Rupees……only) and unless a claim in writing is lodged with us within six (6) months of the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

Date .....

Witness:

1. Signature .....
   Name and address

2. Signature.....
   Name and address

Authorized Signatory
Name
Designation
Staff Code no.
Bank Seal

*Date to be worked out on the basis of validity period from the date of submission of tender.

**In paragraph 1, strike out the portion not applicable. Bank Guarantee will be made either for Earnest Money or for Performance Guarantee/Security Deposit/Mobilization Advance, as the case may be.

सीडीएन/सी-3: सीसीसी-2008 में परिवर्तन/संशोधन की सूची
CDN/C-3: LIST OF CHANGES / MODIFICATION IN THE CCC – 2008

(As Section 10(v) & P. 75-A of "Conditions & Clauses of Contract-2008")

SECTION 10(V): Format to be enclosed for each bill for payment through Electronic Mode

To,

The Pay & Accounts Officer,
DCSEM, DAE, MUMBAI.

Sub: Bank Details for Payment through Electronic Mode

Sir,
It is requested that our payment may please be arranged through Electronic Mode. The details of bank are as under:

1. IFSC CODE												
2. NEFT Code												

Note: *In case beneficiary's bank is State Bank of India (any branch in India) IFSC Code & NEFT Code may not be mentioned.*

3. Account No.												

Full Account No. for payment to be made through Electronic Mode.

18 Account Type. CURRENT A/C (11)/CASH CREDIT A/C (13)

5. MICR NO.									

Note: *1st three digit & last of 3 digit of MICR No. should not be zero.*

6. Name of Bank: ……

7. Name of Branch: ……

8. Address of Bank: ……

I hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for any reasons, I would not hold the user institution responsible and agree to discharge the responsibility expected of me as a participant under the scheme.

Yours faithfully,

( )
Signature of Authorized Officer
With Name, Designation & Company's seal.

Annexure-I

निविदा स्वीकृति पत्र TENDER ACCEPTANCE LETTER

(To be given on Company Letter Head)

Date:_____

To,

The Chief Engineer (ESG),
DCSEM, 3rd Floor, North Wing
V.S. Bhavan, Anushaktinagar,
Mumbai – 400 094.

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: NIT No.: **DCSEM/CQD/QSC/UPGRD-ELECT/ANNAP-DHAWA/26-27/NIT-02, Dtd.12.10.2026**

Name of Tender/ Work: Upgradation/Renovation of internal electrical installations in residential flats of Annapurna and Dhawalgiri (Type V-E) buildings, Anushaktinagar Mumbai – 400094.

Dear Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely: https://eprocure.gov.in/eprocure/app as per your advertisement, given in the above mentioned website(s).
2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents (including all documents like annexure(s), schedule(s), etc.,), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organisation too have also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.
5. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking. **(In case the bidder is debarred, they should declare the details of debarment and submit copy of the order of debarment. The competent authority will decide on qualification of the bidder based on the merits of the case).**
6. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organisation shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

Annexure-II

(Scanned copy of the undertaking duly signed & sealed on letter head of the bidder to be uploaded at the time of submission of bid).

Undertaking for the provisions of Public Procurement (Preference to Make in India), Order-2017, Order No. "P-45021/2/2017-B.E. –II, Part (4) Vol.II, dated 19/07/2024 and as amended from time to time.

Name of Tender/ Work: Upgradation/Renovation of internal electrical installations in residential flats of Annapurna and Dhawalgiri (Type V-E) buildings, Anushaktinagar Mumbai – 400094.

NIT No.: **DCSEM/CQD/QSC/UPGRD-ELECT/ANNAP-DHAWA/26-27/NIT-02, Dtd.12.10.2026**

In reference to above mentioned Tender reference, I/we M/s …… (Supplier Name) hereby certify that the products/ Services offered "…… **…… ……"** (Name of the Work) meet the requirement of the minimum local content as mentioned in DPIIT order of Public Procurement (Preference to Make in India), Order-2017, Order No. "P-45021/2/2017-B.E. –II, Part(4) Vol.II, dated 19/07/2024 and as amended from time to time and submit the requirement as per the order.

We hereby confirm that the Local content for above mentioned work is…… % of total value of Work order.

Seal and Signature of Authorised Signatory.

Note: In case Procurement cost exceeds Rs.10 Crore, this Percentage of Local content shall be certified statutory auditor/ cost auditor of company/ practicing cost accountant /practicing chartered accountant as defined in the above order.

Annexure-III

UNDERTAKING TO BE SUBMITTED BY THE BIDDER ON THEIR LETTER HEAD DULY SIGNED AND SEALED WITH DATE

Date: _____

Name of Work: Upgradation/Renovation of internal electrical installations in residential flats of Annapurna and Dhawalgiri (Type V-E) buildings, Anushaktinagar, Mumbai – 400094.

NIT No.: **DCSEM/CQD/QSC/UPGRD-ELECT/ANNAP-DHAWA/26-27/NIT-02, Dtd.12.10.2026**

UNDERTAKING

I / We, hereby tender for the execution of the work for the President of India within the time specified in Schedule "F", viz., Schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instruction in writing referred to in Rule 1 of General Rules & Directions and in Clause – 11 of the General Clauses of Contract and with such materials as are provided for, by and in respects in accordance with such conditions so far as applicable.

I / We have read and examined the e-Tender Notice for Inviting Pre-Qualification (PQ) of Contracting Agencies, Section I, II & III, & other documents and rules referred to and all other contents in the tender documents for the work AND ACCORDINGLY. I / We, hereby submit credentials and other documents as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

I / We have read and examined the Notice Inviting Tender, General Rules & Regulations, Directions, form of tender, special conditions, Safety & Security codes for work contract, general condition of contract and all other contents in the tender documents for the subject work.

I / We also declare that we have not executed similar works(s) through another contractor on back to back basis. Further that, if such violation comes to the notice of Department, then we shall be debarred for bidding in DCSEM in future forever. Also if, such violation comes to the notice of the Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit / Performance Guarantee etc.

I / We declare that all the materials / equipments shall be supplied and execute as per tender. Our offer is un-conditional.

I / We have downloaded and gone through the pre-bid clarifications issued by the Department after close of sale of tenders and submitting tender accordingly.

I / We have gone through all the sheets of financial bid/BOQ and submitting tender accordingly.

I / We have understood the entire scope of work and rates (inclusive GST) quoted accordingly. We shall carry out the work as per Schedule of Quantities, technical specifications, drawing and complete the work within stipulated time to the entire satisfaction of the Department.

Signature with seal & date

*****

(To be given on Company Letter Head)

To,

The Chief Engineer (ESG),
DCSEM, 3rd Floor, North Wing
V.S. Bhavan, Anushaktinagar,
Mumbai – 400 094.

UNDERTAKING

LAND BORDER SHARING CERTIFICATE

Tender Reference No: NIT No.: DCSEM/CQD/QSC/UPGRD-ELECT/ANNAP-DHAWA/26-27/NIT-02, Dtd.12.10.2026

Name of Tender/ Work: Upgradation/Renovation of internal electrical installations in residential flats of Annapurna and Dhawalgiri (Type V-E) buildings, Anushaktinagar Mumbai – 400094.

."

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India: I hereby certify that this bidder is not from such a country and is eligible to be considered".

Certificate for Tenders:

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India: I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. (Where applicable, evidence of valid registration by the competent Authority shall be attached)".

Certificate for Tenders for Works involving possibility of sub-contracting:

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. (Where applicable, evidence of valid registration by the Competent Authority shall be attached.)"

Yours Faithfully,

(Signature of the Bidder with date and Official Seal)

कार्य का दायरा और स्थान SCOPE & LOCATION OF WORK

स्थान /LOCATION: उपरोक्त कार्य मुंबई-94 के अणुशक्तिनगर में स्थित अन्नपूर्णा एवं धवलगिरि (टाइप V-E) भवनों के आवासीय फ्लैटों में आंतरिक विद्युत प्रतिष्ठानों का उन्नयन/नवीनीकरण किया जाना है। कार्य स्थल डामरीकृत सड़क मौजूदा सड़क से पहुँचा जा सकता है। निविदाकर्ताओं को सलाह दी जाती है कि वे मुख्य अभियंता (ईएसजी) (संपर्क नं. 022-25487321) की पूर्व अनुमति से कार्य स्थल का दौरा करें ताकि कार्य स्थल, कार्य के स्थान, श्रम की आवश्यकता और उपलब्धता आदि और निर्माण सामग्री आदि की उपलब्धता और ढुलाई से संबंधित कोई अन्य स्थिति से परिचित हो सकें। इस कार्य को करने वाले ठेकेदार को राज्य के नियमों साथ ही विभाग / पुलिस प्राधिकारियों / स्थानीय प्राधिकारियों द्वारा समय-समय पर लागू सुरक्षा नियम, उपकरणों के ट्रांसशिपमेंट, संचालन, जल निकासी, सुरक्षा आदि के संबंध में, जहां भी लागू हो, सख्ती से पालन करना होगा। /The above said work is carried out at Annapurna and Dhawalgiri (Type V-E) flats situated at Anushaktinagar, Mumbai – 400094. The site is accessible by asphalted road existing road. The tenderers are advised to visit the site of work with the prior permission of Chief Engineer (ESG) (Contact no. 022-25487321) / to acquaint themselves with the access to the site, location of work, labour requirement and availability etc. and any other situations relating to availability and carriage of construction materials etc. The contractor carrying out this work shall strictly abide by the State regulations as well as any security regulations imposed by the Department/Police Authorities/Local Authorities, from time to time, regarding transshipment of equipment, operations, drainage, security etc. wherever applicable.

SCOPE OF WORK:

The scope of work covers the supply, erection, testing and commissioning of Power wiring, Point Wiring for additional points, wiring accessories, fittings and fixtures etc. as detailed under Bill of Quantities/specific requirements.

Building Name	**No. of flats at each floor**	**No. of floors**	**Total Flat Nos.**
Annapurna	**3**	20	**60**
Dhavalgiri	**3**	20	**60**
Total			**120**

1. Replacement of existing piano types switch and sockets with surface mounted modular type switch and sockets.
2. Providing additional electrical points as per revised norms along with complete casing capping work, including necessary earthing.
3. All 16A sockets, both existing and new, will have a 6A half plug point along with them.
4. Provision of AC points as under:
   a. 02 nos. AC points in the hall
   b. 01 no. AC point in each bedroom

5. Relocation of existing AC point in master bedroom near the window as per proposed drawing, including dismantling of existing point.
6. Supply and installation of ready-made DP isolator enclosure with 20A DP MCB, Model No. 507791 (M/s Legrand or equivalent).
7. Replacement of conventional ceiling fans with BLDC energy efficient ceiling fans, complete with accessories.
8. Replacement of instantaneous water geyser (1-liter capacity).
9. Replacement of existing casing capping with new casing capping.
10. Replacement of the existing TPN DB with 8 way ETPN flat DB to accommodate additional circuits.
11. Touch up painting wherever required.
12. Testing and commissioning of the complete electrical installation, including continuity, insulation resistance, polarity, and functional testing.

General Requirements for Execution of Upgradation/Rewiring Work:

1. Deployment of Manpower and Teams: -
The contractor shall deploy minimum two (02) dedicated teams, each consisting of 4 to 6 experienced and skilled electricians/helpers, for carrying out dismantling of existing wiring and rewiring work of flats. The teams shall work in a coordinated and systematic manner to ensure timely completion of the work.

2. Time Schedule for Completion of Work in a Flat: -
Each team shall complete the dismantling of existing wiring, installation of new wiring and associated works in one flat as per the Schedule of Quantities (SOQ) within 02 (two) days.

3. Sample Flat for Approval: -
Before commencement of the work, the contractor shall complete one sample flat. The workmanship, quality of installation, and coordination of the deployed teams shall be checked and approved by the Engineer-in-Charge (EIC). Only after such approval shall the contractor proceed with the work in remaining flats.

4. Coordination with Allottees / Residents: -
The contractor shall coordinate with the respective allottees/residents and obtain prior appointment before commencing work in each flat so as to minimize inconvenience to the occupants. Necessary notice/circular will be issued by Dept.

5.Dust protection cover for Furniture and Household Items:

Prior to starting the work inside the flat, the contractor shall ensure adequate dust protection cover for furniture, fixtures, appliances and other household items of the allottee by using suitable covering materials such as plastic sheet etc., to prevent damage or dust accumulation.

6. Housekeeping and Cleaning: -
The contractor shall ensure proper housekeeping during execution of work. At the end of each working day, the work area shall be cleaned and cleared of debris and dismantled materials.
Upon completion of work in each flat, the contractor shall ensure thorough cleaning and mopping of the flat. No dismantled material, debris, dust, or unused items shall be left inside the flat.

7. Conduct of Manpower: -
All personnel deployed by the contractor shall maintain proper discipline and courteous behavior with the allottees/residents. Any complaint regarding misbehavior, misconduct or indiscipline shall be viewed seriously and the contractor shall immediately replace such personnel as directed by the Engineer-in-Charge.

8. Site Office / Storage Arrangement: -
The contractor shall place suitable no. of porta cabins at the location designated by the department for storing of materials required for the execution of the work.

9. Insurance of Materials: -
The contractor shall obtain all risk insurance coverage for all materials stored at site, including those kept in the shed/porta cabin, against theft, fire, damage or any other risks. A copy of the valid insurance policy shall be submitted to the Engineer-in-Charge before storage of materials at site.

10.Receipt and Verification of Materials: -
All materials brought to site shall be accompanied by delivery challans and relevant documents. Materials shall be stored at site only after verification and approval by the departmental supervisor/Engineer-in-Charge.

11.Deployment of Qualified Engineer: -
The contractor shall deploy at least one qualified electrical engineer at site who shall be responsible for supervision, planning, coordination and quality control of the rewiring work.

12. Daily Planning and Coordination: -
The contractor's engineer shall brief the daily work plan to the departmental supervisor/Engineer-in-Charge and ensure proper coordination for execution of work in the flats.

13. Submission of Progress Reports: -
The contractor shall submit periodic progress reports to the departmental supervisor/Engineer-in-Charge indicating the number of flats completed, work in progress, manpower deployed, and other relevant details.

14. Deployment of Substitute Engineer: -
In case of absence of the designated site engineer, the contractor shall deploy a suitably qualified substitute engineer with equivalent credentials, subject to approval of the Engineer-in-Charge, to ensure continuity of supervision and execution of work.
Compliance with Instructions of Engineer-in-Charge

15. The contractor shall strictly comply with all instructions issued by the Engineer-in-Charge or departmental supervisors from time to time during execution of the work.

16. Completion Schedule and Delay: -
The contractor shall ensure that each team completes the dismantling of existing wiring and rewiring of one flat within two (02) days. Any delay without justified reasons acceptable to the Engineer-in-Charge (EIC) may attract suitable action as per the contract conditions.

17. Working Hours: -
Work inside the occupied flats shall normally be carried out during reasonable daytime hours in consultation with the allottee/resident so as to minimize inconvenience. The contractor shall strictly follow any timing restrictions communicated by the department or residents.

18. Safety Measures: -
The contractor shall ensure that all safety precautions are strictly followed during dismantling and rewiring work. Proper insulated tools, ladders, protective equipment and safe work practices shall be used. Temporary connections, exposed wires or unsafe conditions inside the flat shall not be left unattended.

19. Responsibility for Damage to Property: -
The contractor shall take adequate precautions to prevent damage to walls, furniture, appliances, flooring, or any other property of the allottee/resident during execution of work.
Any damage caused due to negligence of the contractor's staff shall be repaired or compensated by the contractor at his own cost to the satisfaction of the Engineer-in-Charge.

20. Identification of Workers: -
All workers deployed by the contractor shall carry proper identity cards issued by the contractor. The contractor shall maintain a record of manpower deployed at site, which shall be produced whenever required by the Engineer-in-Charge.

21. Security and Verification of Workers: -
The contractor shall ensure that the workers deployed at site are trustworthy and properly verified. If required by the department, the contractor shall submit identity and verification details of workers to the Engineer-in-Charge.

22. Removal of Dismantled Materials: -
All dismantled materials shall be collected, properly stacked and removed from the flats on daily basis. Materials declared as departmental property shall be handed over to the department as directed by the Engineer-in-Charge.

23.Material Handling and Storage: -
All electrical materials shall be handled carefully and stored properly in the designated area provided by the department. Materials shall be protected from damage, moisture, theft or deterioration.

24. Compliance with Quality Standards: -
All works shall be carried out in accordance with the applicable Indian Standards, Schedule of Quantities, approved drawings and directions of the Engineer-in-Charge. Poor workmanship shall not be accepted and the contractor shall rectify such work at his own cost.

25. Completion and Handover: -
After completion of work in each flat, the contractor shall ensure that all electrical fittings, switches, sockets, and circuits are properly tested and functional. The flat shall be handed over in clean condition to the satisfaction of the allottee/resident and Engineer-in-Charge.

26. EPF/ESIC: -
The contractor shall comply with all applicable labour laws including the Employees' Provident Funds and Miscellaneous Provisions Act, 1952 and the Employees' State Insurance Act, 1948. The contractor must possess valid registration with Employees' Provident Fund Organisation (EPFO) and Employees' State Insurance Corporation (ESIC). The contractor shall be responsible for depositing EPF and ESIC contributions for all workers engaged under the contract as per statutory provisions. Copies of EPF and ESIC

challans and relevant contribution details shall be submitted to the department along with the monthly bills. In case of non-compliance, the department reserves the right to withhold payments or recover the statutory dues from the contractor's bills or security deposit.

ADDITIONAL TECHNICAL SPECIFICATIONS OF WORK

1. SECTION 1 - WIRING INSTALLATION

1.1 SCOPE:

This specification covers supply, erection, testing and commissioning of mains/sub-mains/power wiring, point wiring, wiring accessories, fittings and fixtures etc. **as detailed under schedule of quantities/ specific requirements.**

1.2 STANDARDS AND CODES :

The design, manufacture, erection, testing and commissioning shall comply with, but not limited the latest issue of the following standards and rules:-

i)	IS - 14927	:	Specification for UPVC trunking for electricalwiring
ii)	IS - 694	:	PVC insulated cables with copper conductors for voltages upto 1100Volts
iii)	IS - 732	:	Code of practice for electrical wiring installation (system voltage not exceeding 650Volts)
iv)	IS - 1646	:	General code of practice for fire safety of bldg.-electrical installation
v)	IS - 3043	:	Code of practice for earthing
vi)	IS - 5316	:	Guide for safety procedures and practices in Electrical works.
vii)	IS - 4648	:	Electrical layout in residential buildings.
viii)	IS 1258	:	Bayonet Lamp Holders
ix)	IS-3854	:	Switches for domestic and similar purposes.
x)	IS-1293	:	Three pin plugs and socket outlets.
xi)	IS-371	:	Ceiling Roses.
xii)	IS-2268	:	Electrical call bells and buzzers for indoor use.
xiii)	SP-30	:	NEC 2010.

Indian Electricity Rules 1956, Indian Electricity Act 2003 as amended up to date and local supply authorities rules & regulations.

1.3 SURFACE PVC CASING-N-CAPPING:

1.3.1 All casing-n-capping shall be rigid FR PVC heavy gauge with lockingof colour & sizeas mentioned in schedule of quantities.

1.3.2 The casing and capping shall be individually fixed using GI screws at interval of 300 mm along horizontal run and along vertical run. In addition, where ever the direction of Casing & capping changes additional fixing shall be provided for firm fixing.

1.3.3 At the bendsVertical/horizontal section of PVC casing & capping shall be cut 45 deg in a manner to complete matching at the bend & the workmanship shall be good.

1.3.4 PVC junction box for mounting holders/ceiling rose shall be surface mounted & rigid. The box shall be fixed with screws.

1.3.5 The casing-n-capping of each circuit or section shall be completed before conductors are drawn in.

1.4 WIRES AND FLEXIBLES :

Single core 1100 Volts FRLS / HFFR grade PVC insulated grade multi-stranded copper wires shall be used for wiring as per S.O.Q. The size of the conductor shall be as specified in the drawings/bill of quantities but in no case it shall be less than 1.5 sq. mm. for lighting circuit and 2.5 sq. mm. for power circuit.

1.4.1 The wiring for lighting circuits shall be done in looping system. The phase conductor shall be looped at switch box for sub-circuit. The neutral conductor for sub-circuit can be looped either from switch box or from light/fan/socket points. Twisted joints for looping are not acceptable.

1.4.2 Straight through joints shall not be permitted on single core wires and flexible.

1.4.3 Coloured insulated wires of respective colour shall be used for phase conductor and black colours insulated wires shall be used for neutral conductor.

1.4.4 All the wires shall be terminated with suitable sizes of copper lugs.

1.4.5 WIRES: Single core PVC FRLS / HFFR insulated, 1100V grade multi-stranded copper conductor wires shall be used as per the Design requirements. The size of conductor shall be used as follows.

Circuit	Mains	Earth wire to be used for surface/concealed MS/PVC conduit/casing & capping
Lighting	1.5 sq. mm	1.5 sq. mm.
15 A Power socket	2.5 sq. mm.	1.5 sq. mm.
A/c / geyser Point	4.0 sq. mm.	2.5 sq. mm.
Submain wiring	6.0 sq. mm.	4.0 sq. mm
	10.0 sq. mm.	6.0 sq. mm

1.5 WIRING ACCESSORIES:

All the wiring accessories shall be modular type made up of polycarbonate material & of white colour unless otherwise specified. Similar part of all wiring accessories etc. of the same type shall be inter changeable.

Angle holder/ceiling roses shall also be of polycarbonate body & shall preferably be ISI marked. The dimensions of switches, sockets, and fan regulators shall preferably be ISI marked.

The wiring accessories, except holders, ceiling rose& round plates, shall be of same make.

1.5.1 Switch boxes: The switch boxes shall of high-quality ABS/Polycarbonate, rigid, non-brittle, impact resistant surface type switch boxes. The box shall not deform under normal operating condition.
The mounting and location shall be as specified in the drawing. Unless and otherwise specified, **the mounting height shall not be more than 1.4 meter above floor level.**

1.5.2 Switches: The switches shall be 6 A rating for lighting sub-circuit & 16A/20A for power circuits. 32A DP Isolator for geyser circuit. The switches shall be single pole/double pole modular type as indicated in bill of quantities/preferred makes of item.

1.5.3 Plug sockets: Plug sockets shall have shutter & shall be 3-pin/6pin sockets unless otherwise specified in schedule of quantities. Every socket shall be controlled by a switch which shall be located adjacent to it at operable height, except exhaust fan point and wiring for socket outlet on switch box shall also be included. The switch controlling the socket outlet shall be on the live side.

1.5.4 Attachment of fittings and accessories: All necessary materials for operation of lighting fixtures/ceiling fans etc. angle/batten holders & threaded/push fit type 3-plate ceiling roses/connectors shall be used.

1.6 POINT: A point shall consist of the branch wiring from the distribution on board, together with a switch as required as far as including the ceiling rose or holder or socket outlet or suitable termination. A three pin socket outlet/ceiling fan point shall include in addition, the connecting wire or cable from the earth pin to the earth stud of the branch distribution board.

1.6.1 POINT WIRING: Point wiring shall consist of the branch from the final sub-distribution board together with the controlling switch as far as and including the ceiling rose/holder or any other connected load or socket outlet.

In case of more than one light being controlled by one switch the wiring up to the ceiling rose of the first light including the switch shall be considered as a 'Primary' point. Loop wiring from light shall be considered as a secondary point and rates shall be quoted separately including final connection to fixtures and plugs. **Unless otherwise specified all the points are primary points.**

In installation, Light & fans may be wired in a common circuit. Such sub circuit shall not have more than a total of ten points of lights, fans & socket outlets. The load of such circuit shall be restricted to 800 W. **No earth wire for light & bell point**.

Independent circuit including earth wire shall be provided from flat distribution board for each 16A socket outlet /water heater/A.C. point. The load of such circuit shall be

restricted to 2500 to 3000 watts for water heater / A.C. point. **Independent earthing from DB shall be provided for all 16A socket outlet & AC points.**

1.6.2 PRIMARY POINTS:

Primary point wiring shall include all work necessary in complete wiring of a switch circuit of any length from the tapping point of the distributed circuit to the following via the switch.

a) Ceiling rose or connector
b) Back plate (in case of stiff pendants and fluorescent fittings with down rods etc.)
c) Socket outlets
d) Lamp Holder
e) Call ball / Buzzer (In this case the words "via the switch" shall be read as: via the ceiling rose / socket outlet or bell push.)

The following shall be treated to be included in the primary point wiring:

a) Supply, installation of conduits/FR PVC casing & capping.
b) Drawing of copper conductor insulated wire of suitable sizes including connections.
c) Installation of controlling switches/sockets/fan regulators, cover plate with frame and switch boxes including connections, looping.
d) All accessories such as GI screws, earthing wire, Phil plug compound, rawal plug, wooden plugs etc. PVC saddles, spacers as required.
e) Loop earthing with insulated copper conductor earth wire for fan regulator three pin socket outlet, ceiling or exhaust fans, lighting fixture from the common earthing point.
f) Connection of wires to ceiling rose, connector, socket outlet, lamp holder, switch fan regulator etc. with suitable copper lugs/connectors.
g) Ferrule numbers on both sides of each circuit shall be provided, labeling etc.
h) The tags for wires inside casing capping for bunching shall be provided to avoid hanging of wires at the intervals of 600mm.
i) Providing PVC sleeves for crossing the wall drilling holes & its refinishing with white cement.
j) Installation of flush mounted GI switch boxes including removing of existing concealed switch boxes, filling of gaps with white cement/cement mortar with good finish.

1.6.3 NUMBER OF WIRES IN PVC CASING & CAPPING/MS CONDUITS/PVC TRUNKING:

The maximum number of wires that may be laid in PVC casing & capping/MS conduits/PVC trunking for circuit wiring or point wiring shall be to the extent of around 40% of the inner cross sectional area of casing & capping. **This is, however, not applicable for existing concealed conduit wiring.**

1.7 FIXTURES & FITTINGS:

1.7.1 **LIGHTING FIXTURE :**

The lighting fixtures shall be as per the schedule of quantities and drawings enclosed. The mounting height and location shall be as specified in the drawings. Unless otherwise specified, the mounting height shall not be less than 2.5 mtr. The lighting fixtures shall be either supported vertically of mounted on bracket or suspended by a hook, as required.

1.7.2 **BRUSH LESS DIRECT CURRENT (BLDC) CEILING FAN**

Specification of ceiling fans shall be as mentioned in DCSEM Specification For Electrical Works2024:

a) The fan shall be provided with a boost/turbo mode through remote control, which shall provide speed and air delivery higher than those available at the 5th speed setting.
b) Warranty: The equipment shall carry a minimum three (3) years comprehensive onsite warranty provided by the OEM. The warranty shall cover:
   - Any peeling, flaking, discoloration, or fading of paint on the fan blades or body occurring during the warranty period shall be treated as a defect. In such cases, all three blades shall be replaced with new matching blades of the same make, model, colour, and finish at no extra cost to the department.
   - Any manufacturing defects.
   - All electrical and mechanical faults, including motor, driver, and controller.

c) Replacement of Defective Components: All defective components identified during the warranty period shall be replaced free of cost by the OEM/contractor.

d) Remote Controls: The contractor shall supply a minimum of 10% additional remote controls, along with batteries, over and above the installed quantity. These shall be handed over to the department for maintenance and operational use.

e) Performance Compliance: The equipment shall conform to relevant safety, quality, and performance standards as specified by the OEM and as per applicable IS/IEC standards.

f) Maintenance Support: The OEM/contractor shall provide timely onsite support for troubleshooting, repair, and replacement of parts to ensure uninterrupted operation throughout the warranty period.

1.7.3 **INSTANT TYPE WATER HEATER:**

Water heater shall be ISI marked 1-liter instantaneous pressure type water heater complying to IS 8978, vertical round type with following specifications:

a) Heating element: - 3kW heating element with necessary accessories.
b) Inner container: - Stainless steel inner container having SS base and SS pipes on which heating element and its accessories will be mounted.
c) Outer Body: - ABS plastic
d) Protections:
   - Thermostat
   - Thermal cut-out
   - Fusible plug
   - Pressure release valve
e) Interconnecting cable: - 3C×2.5 sq. mm flexible FR multi stranded copper conductor chord.
   Note: - Fixing of water heater with coach screws as instructed by Engineer-in charge.

f) Acceptance Tests for water Heaters: -
   - Protection against access to live parts.

- Temperature-rise
- Insulation resistance and dielectric strength at operating temperature
- Moisture resistance
- Earthing connection
- Insulation resistance and dielectric strength after humidity treatment.

g) Water heater connection pipe:
Water heater connection pipe shall be 24-inch connection hose pipe with Anti explosion design and following specifications: -
- Stainless steel 304 grade Braided outer layer
- High temperature resistant EPDM inner tube
- Double ring silicon sealing at both ends
- Brass/copper inner joint
- ½ inch SS female compression thread.

h) Interconnection of inlet and outlet of water heater with existing water heater tapping points shall also be considered.

1.8 INSPECTION OF MATERIALS AT MANUFACTURER'S WORKS:

The following tests as per relevant IS's shall be conducted in presence of dept.'s representative at works of manufacture/ at site for the material to be supplied

Sr.No.	Material	Tests to be conducted
a)	1.1 kV, HFFR/FRLS grade PVC wires	Routine & acceptance tests
b)	Switches, sockets, fan regulators etc.	Routine & acceptance tests
c)	MCB, RCBO	Routine & acceptance tests
d)	Ceiling fans	All routine ,type acceptance tests
e)	Water heater	All routine ,type , acceptance tests
f)	Cables	All Routine & acceptance tests

1.9 TESTING OF INSTALLATION AT SITE:
Before the installation is put into service, the following tests shall be carried out:

1.9.1 Insulation resistance: The insulation resistance shall be measured by applying between earth and whole system of conductors or any section thereof. 500 Volts D.C. for single phase system be means of a megger. The insulation resistance shall not be less than one mega-ohm.

1.9.2 Testing earth continuity path: The earthing conductors shall be tested for electrical continuity. The electrical resistance of the same along with earthing lead from connection with earth electrode to any point, in any point in earth continuity conductor in the complete installation shall be less than one ohm.

1.9.3 Testing of polarity of single pole switch: The test shall be made to verify that all single pole switches have been fitted between phase conductors and light/fan/socket outlet.

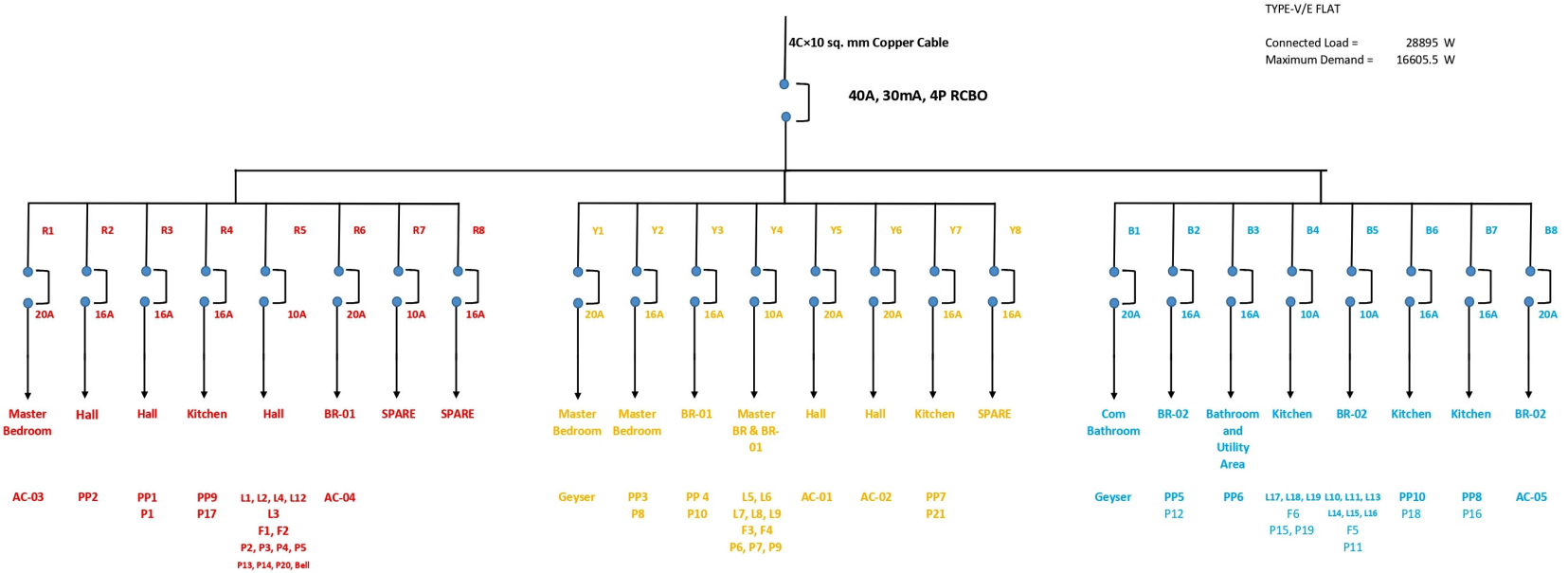
1.9.4 Testing RCBO for its sensitivity: Each RCBO shall be tested at site for tripping.

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PROPOSED SINGLE LINE DIAGRAM

FLAT DISTRIBUTION BOARD
TYPE-V/E FLAT

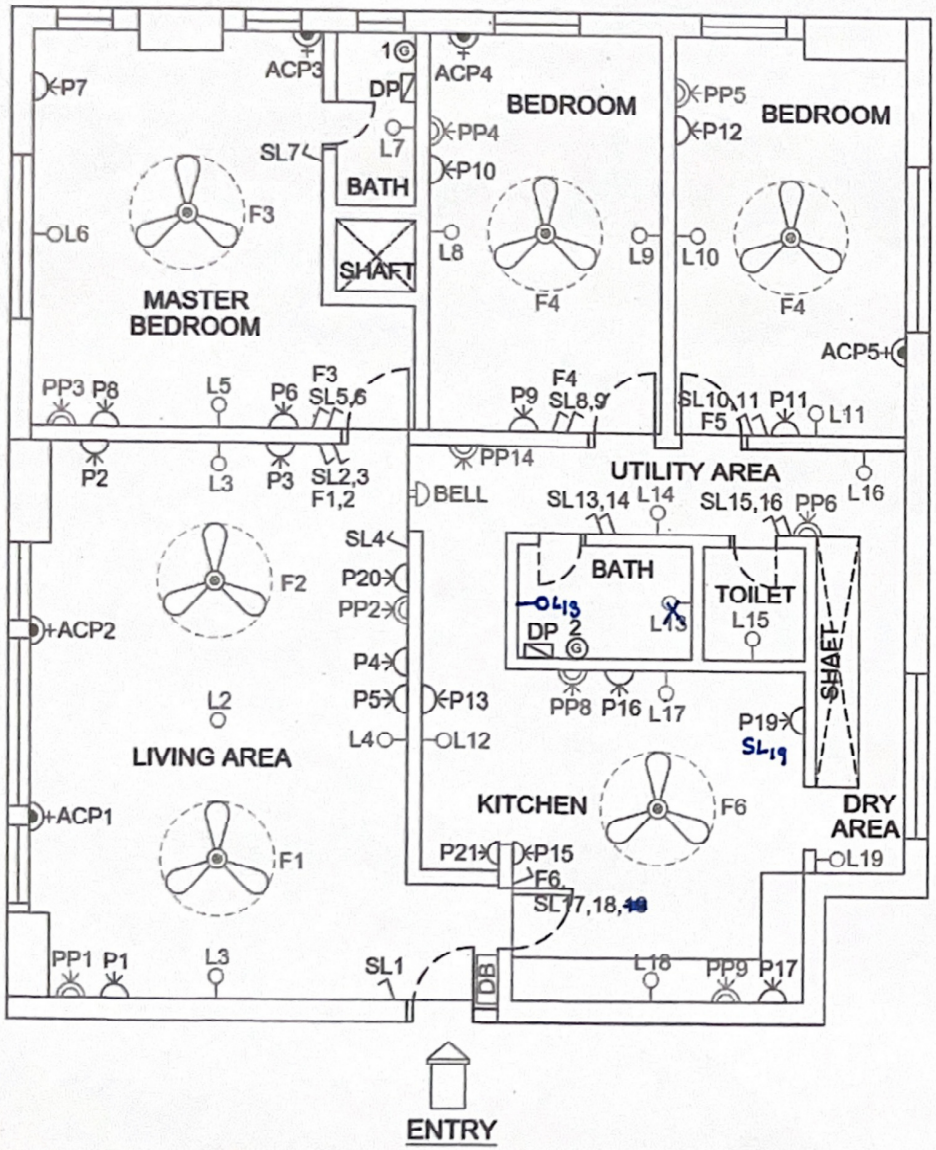
Connected Load = 28895 W
Maximum Demand = 16605.5 W



Connected Load in (W)	2000	1000	1000	1000	935	2000	
			100	100			
Total connected load	**8135**						
Diversity Factor	60%	50%	50%	50%	90%	60%	
			90%	90%			
Maximum Demand in (W)	1200	500	590	590	841.5	1200	
Maximum demand on R Phase in (W)	**4921.5**						

3000	1000	1000	520	2000	2000	1000	
	100	100				100	
10820							
50%	50%	50%	90%	60%	60%	50%	
	90%	90%				90.00%	
1500	590	590	468	1200	1200	590	
6138							

3000	1000	1000	325	315	1000	1000	2000
	100				100	100	
9940							
50%	50%	50%	90%	90%	50%	50%	60%
	90%				90%	90%	
1500	590	500	292.5	283.5	590	590	1200
5546							



LEGEND

SR. NO.	SYMBOL	DESCRIPTION
1		LIGHT POINT
2	F	1200 MM Ø SWEEP CEILING FAN
3	F	900 MM Ø SWEEP CEILING FAN
4	P	6A SOCKET OUTLET WITH 6A SP SWITCH
5	G	GYSER POINT
6	PP	6/16A UNIVERSAL SOCKET OUTLET WITH 16A SP SWITCH+ 6A SOCKET OUTLET WITH 6A SP SWITCH
7	AC	A C POINT WITH 20A INDUSTRIAL PLUG & SOCKET & 20A SP MCB
8	B	CALL BELL

BE USED FOR ANY PURPOSE OTHER THAN SPECIFIED WITHOUT PRIOR PERMISSION.

PROJECT: PROPOSED RE-WIRING WORK FOR ANUSHKTINAGAR, MUMBAI

TITLE : TYPE V-E FLATS ELETRICAL LAYOUT

PURPOSE OF ISSUE
- PRELIMINARY DRAWING ○
- TENDER DRAWING ○
- SITE USE DRAWING ○

DRG.NO : DCSEM/ EMPD/ TYPE V-E/ 01/ 3384

DATE	DRAWN	DESIGNED	CHECKED	APPROVED
10-09-2026	MANOJ	JITENDRA	JITENDRA	

SCALE 1 : 50 @A3

REV R-0

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GOVT. OF INDIA
DIRECTORATE OF CONSTRUCTION SERVICES AND ESTATE MANAGEMENT
ELECTRICAL DIVISION
V. S. BHAVAN, ANUSHAKTINAGAR, MUMBAI - 400094

TIME SCHEDULE OF WORK

Sr. No.	Work	1st Month	2nd Month	3rd Month	4th Month	5th Month	6th Month	7th Month	8th Month	9th Month	10th Month	11th Month	12th Month
1.	Submission of TDS and Test Reports												
2.	Joint Measurement , Submission of approval of samples and placement of orders												
3.	Inspection and delivery of items at site												
4.	Taking appointment and rewiring of 1st 50 flats as per approved sample flat												
5.	Taking appointment and rewiring of 51-100 flats as per approved sample flat												
6.	Taking appointment and rewiring of 101-120 flats as per approved sample flat												
7.	Testing, commissioning and Handing over of documents such as TDS, Manuals, Warrantee certificates etc.												

Please refer department technical specification 2024 for SOQ items.

Specification for Electrical Work-2024: Available in DCSEM website (www.dcsem.gov.in).
(https://dcsem.gov.in/resources/uploads/electrical_work/specification_electrical_works_18338843931709119468.pdf)