

Name of Work: Construction of Infrastructure including development works at BOP Bandaria of 70th Bn Lakhimpur Kheri- II under Frontier Lucknow.


कार्य का नाम : सीमान्त मुख्यालय एसएसबी लखनऊ के अन्तर्गत 70वीं वाहिनी लखीमपुर खीरी-II की सीमा चौकी बंदरिया में विकास कार्यों सहित बुनियादी ढाँचे का निर्माण।

NIT No. DC(ER)/SHQ/L Kheri/2025-26/07

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Certified that this NIT contains 1 to 92 pages including BOQ (pdf).


18/05/2026
Deputy Commandant (Engineer)
Sector Hqrs, SSB Lakhimpur Kheri

**Sashastra Seema Bal (SSB)
Notice Inviting e-tender**

The Deputy Commandant (Engineer), Sector Hqrs SSB, Lakhimpur Kheri (UP) invites online percentage rate e-tender on behalf of President of India from CPWD and those on appropriate list MES, BSNL, Railway, state PWD and other central Govt. departments in two bid system for the following work :-

NIT No.: **DC(ER)/SHQ/L Kheri/2025-26/07**

Name of Work: - Construction of Infrastructure including development works at BOP Bandaria of 70th Bn Lakhimpur Kheri- II under Frontier Lucknow.

Estimated Cost : Rs. 3,31,19,332/-

Earnest Money : Rs. 6,62,387/-

Period of completion : 365 days

Last date & time of submission of bid : 01/06/2026 at 1800 Hrs

The bid forms and other details can be obtained from the website www.eprocure.gov.in

de

**INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR E-TENDERING FORMING PART OF
BID DOCUMENT**

(Applicable for inviting bids on 2/3 bid system)

The Deputy Commandant (Engineer), Sector Hqrs SSB, Lakhimpur Kheri (UP)-262701, on behalf of President of India invites online Percentage rate E-tender from approved and eligible contractors of CPWD and those on appropriate list MES, BSNL, Railway, state PWD and other central Govt. departments in two bid system for the following work: -

S. No.	NIT NO.	Name of work and location	Estimated cost put to tender	Earnest Money	Period of Completion	Date & time for start of online bid submission	Last date & time for submission of original EMD	Last date & time of submission of Online bid	Time & date of opening of bids
1	2	3	4	5	6	7	8	9	10
1	DC(ER)/SHQ/L Kheri/2025-26/07	Construction of Infrastructure including development works at BOP Bandaria of 70th Bn Lakhimpur Kheri- II under Frontier Lucknow.	Rs. 3,31,19,332/-	Rs. 6,62,387/-	365 days	At 1700Hrs on 19/05/2026	Up to 1700 Hrs. on 01/06/2026	Up to 1800 Hrs. on 01/06/2026	After 1830 Hrs. on 01/06/2026

Contractors who fulfill the following requirements shall be eligible to apply. Joint ventures are not accepted.

Should have satisfactorily completed the works as mentioned below during the last seven years ending previous day of last date of submission of bids.

Three similar works each of value not less than **Rs. 1,32,47,733/-** or two similar works each of value not less than **Rs. 1,98,71,599/-** or one similar work of value not less than **Rs.2,64,95,466/-** in last 7 years ending last day of the month previous to the one in which the bids are invited. **Similar work means 'Building construction work'**. The value of executed work shall be brought to the current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to previous day of submission of bids.

**ई-निविदा के लिए बोली दस्तावेज का हिस्सा बनाने के लिए बोलीदाताओं के लिए सूचना और निर्देश
(2/3 बिड प्रणाली पर निविदा आमंत्रित करने के लिए उपयुक्त)**

भारत के राष्ट्रपति की ओर से उप कमांडेंट (इंजीनियर), सेक्टर मुख्यालय एसएसबी, लखीमपुर खीरी (यूपी) - 262701, सीपीडब्ल्यूडी के अनुमोदित और पात्र ठेकेदारों और उपयुक्त सूची में एमईएस, बीएसएनएल, रेलवे, राज्य पीडब्ल्यूडी और अन्य केंद्रीय सरकार के विभागों से निम्नलिखित कार्य के लिए दो बोली प्रणाली में ऑनलाइन प्रतिशत दर ई-निविदा आमंत्रित करते हैं:

S. No.	NIT NO.	कार्य का नाम व् स्थान	कार्य की अनुमानित लागत	धरोहर राशि	कार्य समाप्ति की अवधि	ऑन लाइन बिड शुरू होने का दिनांक व् समय	EMD अधिशासी अभियंता/DC(Er.) कार्यालय में जमा करने का अंतिम	ऑन लाइन बिड जमा करने का अंतिम दिन व् समय	ऑन लाइन बिड खोलने का दिन व् समय
1	2	3	4	5	6	7	8	9	10
1	DC(ER)/SHQ/L Kheri/2025-26/07	सीमान्त मुख्यालय एसएसबी लखनऊ के अन्तर्गत 70वीं वाहिनी लखीमपुर खीरी-II की सीमा चौकी बंदरिया में विकास कार्यों सहित बुनियादी ढाँचे का निर्माण।	₹ 3,31,19,332/-	₹ 6,62,387/-	365 दिन	19/05/2026, 1000 बजे से शुरू	01/06/2026 को 1700 बजे तक	01/06/2026 को 1800 बजे तक	01/06/2026 को 1830 बजे के बाद

(1) निम्नलिखित आवश्यकताओं को पूरा करने वाले ठेकेदार आवेदन करने के पात्र होंगे। संयुक्त उद्यम स्वीकार नहीं हैं

(ए) बोली जमा करने की अंतिम तिथि के पिछले दिन को समाप्त होने वाले पिछले सात वर्षों के दौरान नीचे उल्लिखित कार्यों को संतोषजनक ढंग से पूरा किया होना चाहिए।

पिछले 7 वर्षों में, जिसमें बोलियाँ आमंत्रित की गई हैं, कम से कम 1,32,47,733/- रुपये मूल्य के तीन समान कार्य या कम से कम 1,98,71,599/- रुपये मूल्य के दो समान कार्य या कम से कम 2,64,95,466/- रुपये मूल्य का एक समान कार्य। समान कार्य का अर्थ है 'भवन निर्माण कार्य'। निष्पादित कार्य का मूल्य, कार्य के वास्तविक मूल्य में 7% प्रति वर्ष की साधारण दर से वृद्धि करके वर्तमान लागत स्तर पर लाया जाएगा, जिसकी गणना कार्य पूरा होने की तिथि से बोलियाँ जमा करने के पिछले दिन तक की जाएगी।

(2) The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.

(3) Information and Instructions for bidders posted on website shall form part of bid document.

(4) The bid document consisting of specifications, 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 www.eprocure.gov.in free of cost.

(5) The bid shall only be considered after depositing of original EMD in the form of Demand Draft or Pay order or Banker's Cheque or Deposit at call Receipt or Fixed Deposit Receipts in the form of demand draft of any Scheduled Bank issued in favor of **Deputy Inspector General, SHQ SSB, Lakhimpur Kheri** within the time and date mentioned in the NIT.

(6) Contractor can upload the documents in the form of PDF format.

(7) The Column meant for quoting rate in figures appears in pink color and the moment rate is entered; it turns sky blue Contractor must ensure to quote the amount on percentage above/below on the total amount.

(8) List of Documents to be scanned and uploaded within the period of bid submission-

- (i) Demand Draft/Pay order or Banker's Cheque /Deposit at Call Receipt/FDR of any Scheduled Bank in original against EMD.
- (ii) Certified copy of registration with appropriate authority / office.
- (iii) Certificate of Registration for GST & acknowledgement of up to date filed return as per NIT stipulation. If the bidder has not obtained GST registration in the state in which the work is to be taken-up" then in such a case the bidder shall upload following undertaking with the bid document **"if work is awarded to me, I/we shall obtain GST registration certificate within one month from date of receipt of award letter or before payment of 1st RA bill."**
- (v) Copy of PAN Card.
- (vi) **Certified copy of experience certificates of having satisfactorily completion of works of the Magnitude mentioned in CPWD-6.**
- (vii) Tender acceptance letter signed by the bidder.
- (viii) Copy of EPF and ESIC registration or under taking **"if work is awarded to me, I/we shall obtain EPF and ESIC registration within one month from date of receipt of award letter or before payment of 1st RA bill.**
- (ix) Annual Financial Statement for the last three years (Form-A) certified by CA.
- (x) Certificate of Profit & Loss Statement of last three years ending 31.03.2026 from CA.
- (xi) The bidder should submit Solvency Certificate of minimum Rs. **1,32,47,733/-**(40% of ECPT) issued by his bankers. The bank solvency should be issued by the Bank on or after 01.05.2026.
- (xii) The net worth Certificate of minimum Rs.**33,11,933/-** (10% of ECPT) issued by the CA (on the format prescribed in Form B-1)
- (XIII) **The bidder shall personally must visit the site, and a token of signature duly obtained from both, the bidder (self) and the representative of SSB, available at the BOP (as per enclosed format at NIT page no 72) as proof of the visit, shall be uploaded on the e-Tendering website within the bid submission period.**

NOTE- The Firms /Contractors registered under Micro Small and Medium Enterprises (MSME) are Not exempted from payment of Tender fee, EMD and Enlistment of their firm in the respective departments as asked in NIT for above mentioned work is to be uploaded.

(2) इच्छुक बोलीदाता को सीपीडब्ल्यूडी-6 के नियमों और शर्तों को ध्यान से पढ़ना चाहिए। उसे अपनी बोली तभी जमा करनी चाहिए जब वह खुद को योग्य समझे और उसके पास आवश्यक सभी दस्तावेज हों।

(3) वेबसाइट पर पोस्ट किए गए बोलीदाताओं के लिए सूचना और निर्देश बोली दस्तावेज का हिस्सा होंगे।

(4) विशिष्टताओं, निष्पादित की जाने वाली विभिन्न प्रकार की वस्तुओं की मात्रा की अनुसूची और अनुपालन किए जाने वाले अनुबंध के नियमों और शर्तों के सेट और अन्य आवश्यक दस्तावेजों से युक्त बोली दस्तावेज को वेबसाइट www.eprocure.gov.in से देखा और मुफ्त में डाउनलोड किया जा सकता है।

(5) बोली पर केवल मूल ईएमडी को डिमांड ड्राफ्ट या पे ऑर्डर या बैंकर्स चेक या कॉल रसीद पर जमा या किसी अनुसूचित बैंक के डिमांड ड्राफ्ट के रूप में उप महानिरीक्षक, एसएचक्यू एसएसबी, लखीमपुर खीरी के पक्ष में एनआईटी में उल्लिखित समय और तारीख के भीतर जारी करने के बाद ही विचार किया जाएगा।

(6) ठेकेदार दस्तावेजों को पीडीएफ प्रारूप के रूप में अपलोड कर सकता है।

(7) आंकड़ों में दर उद्धृत करने के लिए बनाया गया कॉलम गुलाबी रंग में दिखाई देता है और जैसे ही दर दर्ज की जाती है, यह आसमानी नीला हो जाता है, ठेकेदार को कुल राशि पर प्रतिशत के ऊपर/नीचे प्रतिशत पर राशि का उद्धरण देना सुनिश्चित करना चाहिए।

(8) बोली जमा करने की अवधि के भीतर स्कैन और अपलोड किए जाने वाले दस्तावेजों की सूची-

(i) डिमांड ड्राफ्ट/पे ऑर्डर या बैंकर्स चेक/किसी अनुसूचित बैंक की कॉल रसीद/एफडीआर पर जमा मूल रूप से ईएमडी के खिलाफ।

(ii) उपयुक्त प्राधिकारी/कार्यालय के पास पंजीकरण की प्रमाणित प्रति।

(iii) जीएसटी के लिए पंजीकरण का प्रमाण पत्र और NIT के अनुसार up to date फ़ाइल किए गए रिटर्न की पावतिशर्त। यदि बोलीदाता ने उस राज्य में जीएसटी पंजीकरण प्राप्त नहीं किया है जिसमें काम किया जाना है, तो ऐसे मामले में बोलीदाता को बोली दस्तावेज के साथ निम्नलिखित वचनबद्धता अपलोड करनी होगी "यदि मुझे काम दिया जाता है, तो मैं/हम प्राप्त करेंगे पुरस्कार पत्र प्राप्त होने की तारीख से एक महीने के भीतर या पहले आरए बिल के भुगतान से पहले जीएसटी पंजीकरण प्रमाण पत्र।

(v) पैन कार्ड।

(vi) उल्लिखित परिमाण के कार्यों को संतोषजनक ढंग से पूरा करने के अनुभव प्रमाण पत्र की प्रमाणित प्रतिजैसा की CPWD-6 में वर्णित है।

(vii) बोलीदाता द्वारा हस्ताक्षरित निविदा स्वीकृति पत्र।

(viii) ईपीएफ और ईएसआईसी पंजीकरण की प्रतिलिपि या ईपीएफ और ईएसआईसी पंजीकरण के लिए लागू नहीं होने पर अंडरटेकिंग की प्रतिलिपि।

(ix) पिछले Three वर्षों का वार्षिक वित्तीय विवरण (फॉर्म-ए)।

(x) सीए से 31.03.2026 को समाप्त होने वाले पिछले 03 वर्षों के लाभ और हानि विवरण का प्रमाण पत्र।

(xi) बोली लगाने वाले को न्यूनतम रु.1,32,47,733/- का सोल्वेंसी प्रमाणपत्र प्रस्तुत करना होगा। (ईसीपीटी का 40%) उनके बैंकरों द्वारा जारी किया गया। सोल्वेंसी प्रमाण पत्र बैंक द्वारा दिनक 01.05.2026 को या इसके बाद जारी किया होना चाहिये।

(xii) न्यूनतम रु 33,11,933/- का निवल मूल्य प्रमाण पत्र। (ईसीपीटी का 10%) सीए द्वारा जारी (फॉर्म बी-1 में निर्धारित प्रारूप पर)

(xiii) निविदाकार को स्वयं व्यक्तिगत रूप से स्थल का अनिवार्य रूप से निरीक्षण करना होगा तथा स्थल भ्रमण के प्रमाण स्वरूप, निविदाकार (स्वयं) एवं बीओपी पर उपलब्ध एसएसबी प्रतिनिधि, दोनों के विधिवत हस्ताक्षरयुक्त टोकन (एनआईटी के पृष्ठ संख्या 72 पर संलग्न प्रारूप अनुसार) प्राप्त कर, बोली प्रस्तुत करने की अवधि के भीतर ई-टेंडरिंग वेबसाइट पर अपलोड करना होगा।

नोट- सूक्ष्म, लघु और मध्यम उद्यम (MSME) के तहत पंजीकृत फर्म/ठेकेदार को उपर्युक्त कार्य में निविदा शुल्क, ईएमडी तथा निविदा प्रपत्र के अनुसार मांगे गए पंजीकरण इत्यादि विषय में कोई छूट नहीं है तथा पंजीकरण से सम्बंधित दस्तावेज अपलोड करने होंगे।

TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)

[Department User may ask for Tender Acceptance Letter instead of asking Signed Tender Document from the Bidders.
This is a sample format; User may revise it as per their Tender Conditions]

To,

The Deputy Commandant (Engineer)
O/o the Deputy Inspector General
Sector Hqrs SSB, Lakhimpur Kheri
Garhi Road, PO & Dist. Lakhimpur Kheri
Uttar Pradesh, PIN-262701

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No.: DC(ER)/SHQ/L Kheri/2025-26/07

Name of Tender/Work: Construction of Infrastructure including development works at BOP Bandaria of 70th Bn Lakhimpur Kheri- II under Frontier Lucknow.

Dear Sir,

I/We have downloaded/obtained the tender document (s) for the above mentioned 'Tender/Work' from the web site (s) .

As per your advertisement, given in the website www.eprocure.gov.in .

I/We hereby certify that I/we have read the entire terms and conditions of the tender documents from 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.

The corrigendum (s) issued from time to time by your department/organization too have also been taken into consideration, while submitting this acceptance letter.

I/We hereby unconditionally accept the tender conditions of above-mentioned tender documents (s)/corrigendum(s) in its totality/entirety.

I/We do hereby declare that our Firm has not been black listed/debarred by any Govt. Department/Public sector undertaking.

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 the Department, then I/we shall be debarred for bidding in SSB in future. Also, if such a 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.

I/We certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/organization shall without giving any notice or reason therefore of 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)

निविदा स्वीकृति पत्र

(कंपनी के लेटर हेड पर दिया जाना है)

[विभाग उपयोगकर्ता बोलीदाताओं से हस्ताक्षरित निविदा दस्तावेज मांगने के बजाय निविदा स्वीकृति पत्र मांग सकता है। यह एक नमूना प्रारूप है; उपयोगकर्ता इसे अपनी निविदा शर्तों के अनुसार संशोधित कर सकते हैं]

सेवा में

उप-कमांडेंट (अभियंता),
उप-महानिरीक्षक कार्यालय,
क्षेत्रक मुख्यालय एस.एस.बी., लखीमपुर खीरी
गढ़ी रोड, पोस्ट व जिला - लखीमपुर खीरी
उत्तर प्रदेश, पिन-262701

विषय: निविदा के नियम एवं शर्तों की स्वीकृति।

निविदा संदर्भ संख्या: DC(ER)/SHQ/L Kheri/2025-26/07

निविदा/कार्य का नाम:- सीमान्त मुख्यालय एसएसबी लखनऊ के अन्तर्गत 70वीं वाहिनी लखीमपुर खीरी-II की सीमा चौकी बंदरिया में विकास कार्यों सहित बुनियादी ढाँचे का निर्माण।

श्रीमान,

मैंने/हमने वेब साइट (ओं) से उपर्युक्त 'निविदा/कार्य' के लिए निविदा दस्तावेज डाउनलोड/प्राप्त कर लिए हैं।

1. आपके विज्ञापन के अनुसार वेबसाइट www.eprocure.gov.in पर दिया गया है।
2. मैं/हम एतद्वारा प्रमाणित करता हूँ/करते हैं कि मैंने/हमने निविदा दस्तावेजों के सभी नियमों और शर्तों को पढ़ लिया है, जिसमें अनुबंध (अनुबंधों), अनुसूची (आदि) जैसे सभी दस्तावेज शामिल हैं, जो अनुबंध समझौते का हिस्सा हैं और मैं/हम इसमें निहित नियमों/शर्तों/खंडों का पालन करेंगे।
3. इस स्वीकृति पत्र को प्रस्तुत करते समय आपके विभाग/संगठन द्वारा समय-समय पर जारी शुद्धिपत्र को भी ध्यान में रखा गया है।
4. मैं/हम एतद्वारा उपर्युक्त निविदा दस्तावेजों (दस्तावेजों)/ शुद्धिपत्रों की निविदा शर्तों को उसकी समग्रता/समग्रता में बिना शर्त स्वीकार करते हैं।
5. मैं/हम एतद्वारा घोषणा करते हैं कि हमारी फर्म को किसी भी सरकार/विभाग/सार्वजनिक क्षेत्र का उपक्रम द्वारा काली सूची में नहीं डाला गया है।
6. मैं/हम वचन देते हैं और पुष्टि करते हैं कि पात्र समान कार्य किसी अन्य ठेकेदार के माध्यम से बैंक टू बैंक आधार पर निष्पादित नहीं किए गए हैं। इसके अलावा, यदि ऐसा उल्लंघन विभाग के संज्ञान में आता है, तो मुझे/हमें भविष्य में एसएसबी में बोली लगाने से वंचित कर दिया जाएगा। साथ ही, यदि ऐसा उल्लंघन कार्य प्रारंभ होने की तिथि से पहले विभाग के संज्ञान में आता है, तो प्रभारी अभियंता को बयाना राशि/निष्पादन गारंटी की पूरी राशि को जब्त करने के लिए स्वतंत्र होगा।
7. मैं/हम प्रमाणित करता हूँ/करते हैं कि हमारी फर्म द्वारा दी गई सभी जानकारी सत्य और सही है और यदि सूचना गलत/असत्य या उल्लंघन पाई जाती है, तो आपका विभाग/संगठन बिना कोई नोटिस या कारण बताए पूरी तरह से बयाना राशि को जब्त करने सहित किसी भी अन्य अधिकार या उपाय पर प्रतिकूल प्रभाव डाले बिना, बोली को सरसरी तौर पर अस्वीकार या अनुबंध को समाप्त कर सकता है।

भवदीय,

(अधिकारिक मुहर के साथ बोलीदाता के हस्ताक्षर)

DC(ER)/SHQ/L Kheri/2025-26/07

FINANCIAL INFORMATION

(FORM- "A")

I. Financial Analysis –Details to be furnished duly supported by figures in balance sheet/ profit & loss account for the last Three financial years duly certified by the Chartered Accountant, as submitted by the applicant to the Income Tax Department (Copies to be attached).

Financial years	2023-24	2024-25	2025-26
Gross Annual Turn Over			
Profit/Loss			

II. Financial arrangements for carrying out the proposed work.

Signature of Chartered Accountant with Seal

Signature of Bidder (s)



DC(ER)/SHQ/L Kheri/2025-26/07

FORM "B-1"

FORM FOR CERTIFICATE OF NET WORTH FROM CHARTERED ACCOUNTANT

"It is to certify that as per the audited balance sheet and profit & loss account during the financial year....., the Net Worth of M/s (Name & Registered Address of individual/firm/company), as on (considering all liabilities) is Rs..... It is further certified that the Net Worth of the company has not eroded by more than 30 % in last three years ending on (the relevant date)."

Signature of Chartered Account

.....

Name of Chartered Accountant

.....

Membership No. of ICAI

Date and Seal



**CPWD-6 FOR e-Tendering
GOVERNMENT OF INDIA
SASHASTRA SEEMA BAL (SSB)
NOTICE INVITING TENDER**

Percentage rate bids are invited on behalf of President of India from approved and eligible contractors of CPWD and those on appropriate list MES, BSNL, Railway, state PWD and other central Govt. departments in two bid system for the following work :- **Construction of Infrastructure including development works at BOP Bandaria of 70th Bn Lakhimpur Kheri- II under Frontier Lucknow.** The enlistment of the contractors should be valid on the last date of submission of bids. In case the last date of submission of bid is extended, the enlistment of contractor should be valid on the original date of submission of bids.

The work is estimated to cost **Rs. 3,31,17,332/-** only. This estimate, however, is given merely as a rough guide.

Intending bidder is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority of having satisfactorily completed similar works of the magnitude specified below-

1. Three similar works each of value not less than **Rs. 1,32,47,733/-** or two similar works each of value not less than **Rs. 1,98,71,599/-** or one similar work of value not less than **Rs. 2,64,95,466/-** in last 7 years ending last day of the month previous to the one in which the bids are invited. Similar work means works of **'Building construction work'** executed in any Govt. Organization. It will be mandatory for all the contractors to upload the work experience certificate(s).
2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7 which is available as a Govt. of India Publication and also available on website www.cpwd.gov.in. Bidders shall quote his tendered amount as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be **365** days from the date of start of work as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
4. The site for the work is available.
5. The bid document consisting 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 except Standard General Conditions of Contract Form can be seen on website www.eprocure.gov.in free of cost.
6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
7. While submitting the revised bid, contractor can revise the tendered amount any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.



सीपीडब्ल्यूडी-6 ई-निविदा

भारत सरकार

सशस्त्र सीमा बाल (एसएसबी)

निविदा आमंत्रण सूचना

भारत के राष्ट्रपति की ओर से, सीपीडब्ल्यूडी और उपयुक्त सूची में शामिल ओएमईएस, बीएसएनएल, रेलवे, राज्य लोक निर्माण विभाग और अन्य केंद्रीय सरकारी विभागों के अनुमोदित एवं पात्र ठेकेदारों से निम्नलिखित कार्यों के लिए द्वि-बोली प्रणाली में प्रतिशत दर पर बोलियाँ आमंत्रित की जाती हैं:- सीमान्त मुख्यालय एसएसबी लखनऊ के अन्तर्गत 70वीं वाहिनी लखीमपुर खीरी-II की सीमा चौकी बंदरिया में विकास कार्यों सहित बुनियादी ढाँचे का निर्माण। ठेकेदारों की सूची बोली जमा करने की अंतिम तिथि तक मान्य होनी चाहिए। यदि बोली जमा करने की अंतिम तिथि बढ़ाई जाती है, तो ठेकेदार की सूची बोली जमा करने की मूल तिथि तक मान्य होनी चाहिए।

इस कार्य की अनुमानित लागत मात्र 3,31,19,332/- रुपये है। हालाँकि, यह अनुमान केवल एक अनुमानित अनुमान के रूप में दिया गया है।

इच्छुक बोलीदाता बोली प्रस्तुत करने के लिए पात्र है, बशर्ते उसके पास उपयुक्त प्राधिकारी से निश्चित प्रमाण हो, जो सक्षम प्राधिकारी की संतुष्टि के अनुसार नीचे निर्दिष्ट परिमाण के समान कार्यों को संतोषजनक ढंग से पूरा करने का होगा-

1. तीन समान कार्य, जिनमें से प्रत्येक का मूल्य रु. 1,32,47,733/- से कम न हो या दो समान कार्य, जिनमें से प्रत्येक का मूल्य रु. 1,98,71,599/- से कम न हो या एक समान कार्य, जिसका मूल्य रु. 2,64,95,466/- से कम न हो, पिछले 7 वर्षों में, जिस माह के लिए बोली आमंत्रित की गई है, उससे पहले वाले माह के अंतिम दिन को समाप्त हो रहा हो। समान कार्य का अर्थ है किसी भी सरकारी संगठन में निष्पादित 'भवन निर्माण कार्य'। सभी ठेकेदारों के लिए कार्य अनुभव प्रमाण पत्र अपलोड करना अनिवार्य होगा।
2. सफल बोलीदाताओं के साथ निर्धारित फॉर्म संख्या सीपीडब्ल्यूडी 7 पर समझौता किया जाएगा भारत सरकार के प्रकाशन के अनुसार और वेबसाइट www.cpwd.gov.in पर भी उपलब्ध है। बोलीदाता उक्त प्रपत्र के विभिन्न नियमों और शर्तों के अनुसार अपनी निविदा राशि उद्धृत करेंगे, जो अनुबंध का हिस्सा होगा।
3. कार्य करने के लिए अनुमत समय अनुसूची 'एफ' में परिभाषित कार्य शुरू होने की तारीख से 365 दिन या साइट के हस्तांतरण की पहली तारीख से, जो भी बाद में हो, बोली दस्तावेजों में इंगित चरणबद्धता, यदि कोई हो, के अनुसार होगा।
4. कार्य के लिए साइट उपलब्ध है।
5. बोली दस्तावेज जिसमें विनिर्देश, निष्पादित की जाने वाली विभिन्न प्रकार की वस्तुओं की मात्रा की अनुसूची और अनुबंध के नियमों और शर्तों का सेट शामिल है, और अनुबंध प्रपत्र की मानक सामान्य शर्तों को छोड़कर अन्य आवश्यक दस्तावेज वेबसाइट www.eprocure.gov.in पर निःशुल्क देखे जा सकते हैं।
6. बोली जमा करने के बाद ठेकेदार संशोधित बोली को कितनी भी बार पुनः प्रस्तुत कर सकता है, लेकिन अधिसूचित बोली जमा करने की अंतिम समय और तारीख से पहले।
7. संशोधित बोली प्रस्तुत करते समय, ठेकेदार निविदा राशि को किसी भी संख्या में संशोधित कर सकता है (उसे सभी मर्दानों की दर पुनः दर्ज करने की आवश्यकता नहीं है) लेकिन बोली प्रस्तुत करने की अंतिम समय और तिथि से पहले, जैसा कि अधिसूचित किया गया है।

CPWD-6 FOR e-Tendering

8. Earnest Money in the form of Demand Draft or Pay order or Banker 's Cheque or Deposit at Call Receipt or Fixed Deposit Receipt drawn in favour of **Deputy Inspector General, SHQ SSB, Lakhimpur Kheri** shall be scanned and uploaded to the e-Tendering website within the period of bid submission. The original EMD should be deposited to the Deputy Commandant (Engineer), Office of Deputy Inspector General, Sector Hqrs SSB, Lakhimpur Kheri within the time and date mentioned in the NIT. If a contractor fails to submit original to the Deputy Commandant (Engineer), inviting the bid, within the period of bid submission, his bid shall be rejected.

9. Copy of Enlistment Order and certificate of work experience and other documents as specified in the bid document shall be scanned and uploaded to the e-Tendering website within the period of bid submission.

10. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose original EMD deposited by the bidders.

The bid submitted shall be opened **after 1830 Hrs on 01/06/2026.**

The bid submitted shall become invalid if:

- (i) The bidder is found ineligible.
- (ii) The bidder does not deposit original EMD in tender Box placed at the office of Deputy Commandant (Er.)/Executive Engineer, within stipulated date and time.
- (iii) The bidder does not upload all the documents as stipulated in the NIT.
- (iv) If any discrepancy is noticed in the documents as uploaded at the time of submission of bid.
- (v) If a tenderer does not quote any percentage above/below on the total amount of the tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

सीपीडब्ल्यूडी-6 ई-निविदा

8. उप महानिरीक्षक, एसएचक्यू एसएसबी, लखीमपुर खीरी के पक्ष में आहरित डिमांड ड्राफ्ट या पे ऑर्डर या बैंकर चेक या कॉल रसीद पर जमा या सावधि जमा रसीद के रूप में बयाना राशि को स्कैन करके बोली जमा करने की अवधि के भीतर ई-टेंडरिंग वेबसाइट पर अपलोड करना होगा। मूल बयाना राशि उप कमांडेंट (अभियंता), उप महानिरीक्षक कार्यालय, सेक्टर मुख्यालय एसएसबी, लखीमपुर खीरी में एनआईटी में उल्लिखित समय और तिथि के भीतर जमा की जानी चाहिए। यदि कोई ठेकेदार बोली जमा करने की अवधि के भीतर बोली आमंत्रित करने वाले उप कमांडेंट (अभियंता) को मूल प्रति प्रस्तुत करने में विफल रहता है, तो उसकी बोली अस्वीकार कर दी जाएगी।

9. बोली दस्तावेज में निर्दिष्ट सूचीकरण आदेश और कार्य अनुभव के प्रमाण पत्र और अन्य दस्तावेजों की प्रति स्कैन की जाएगी और बोली जमा करने की अवधि के भीतर ई-निविदा वेबसाइट पर अपलोड की जाएगी।

10. इच्छुक बोलीदाताओं द्वारा प्रस्तुत ऑनलाइन बोली दस्तावेज केवल उन्हीं बोलीदाताओं के खोले जाएंगे, जिनकी मूल ईएमडी, निविदा की लागत और अन्य दस्तावेज क्रम में पाए जाते हैं। प्रस्तुत बोली 01.06.2026 को 1830 बजे के बाद खोली जाएगी।

प्रस्तुत बोली अमान्य हो जाएगी यदि:

(i) बोली लगाने वाला अपात्र पाया जाता है।

(ii) बोली लगाने वाला, बोली आमंत्रित करते हुए, DC(Er.)/ कार्यकारी अभियंता को मूल ईएमडी जमा नहीं करता है।

(iii) बोलीदाता एनआईटी में निर्धारित सभी दस्तावेजों को अपलोड नहीं करता है।

(iv) यदि बोली जमा करने के समय अपलोड किए गए दस्तावेजों और बोली आमंत्रित करने वाले कार्यकारी अभियंता को बोली लगाने वाले द्वारा कोई विसंगति देखी जाती है।

(v) यदि कोई निविदाकार निविदा की कुल राशि पर कोई प्रतिशत ऊपर/नीचे उद्धृत नहीं करता है, तो निविदा को अमान्य माना जाएगा और सबसे कम निविदाकर्ता के रूप में नहीं माना जाएगा।

CPWD-6 FOR e-Tendering

11. The bidder whose bid is accepted will be required to furnish a Performance guarantee of 5% of the Estimated cost put to tender (ECPT) or contract amount whichever is higher as mentioned in schedule E and within the period specified in schedule F.

Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement under point 11 as above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.

This guarantee shall be in the form of Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any Scheduled Bank (in case guarantee amount is less than Rs. 1, 00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.

The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board within the period specified in Schedule F.

12. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidders implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

13. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.

14. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.

15. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.

16. The contractor shall not be permitted to bid for works in the Sashastra Seema Bal (SSB) office responsible for award and execution of contracts, in which his near relative is posted an Accountant or as an officer in any capacity between the grades of Superintending Engineer and Sub-Inspector (Pioneer) (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Sashastra Seema Bal (SSB) or in the Ministry of Home Affairs. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.

11. निविदा हेतु निर्धारित अनुमानित लागत (ECPT) अथवा अनुबंध राशि, जो भी अधिक हो, उसका 5% प्रदर्शन गारंटी के रूप में अनुसूची 'F' में निर्दिष्ट अवधि के भीतर जमा करना होगा।

जहाँ निविदित राशि, निविदा हेतु निर्धारित अनुमानित लागत (ECPT) के अस्सी प्रतिशत (80%) से कम हो, वहाँ उपर्युक्त बिंदु 11 के अंतर्गत आवश्यक प्रदर्शन गारंटी के अतिरिक्त, प्रदर्शन गारंटी में उतनी अतिरिक्त राशि जोड़ी जाएगी, जितनी राशि अस्सी प्रतिशत (80%) ECPT और निविदित राशि के मध्य अंतर के बराबर हो। जिस ठेकेदार की बोली स्वीकार की जाती है उसे अनुसूची इ के अनुसार और अनुसूची एफ में निर्दिष्ट अवधि के भीतर बोली राशि के 5% (5 प्रतिशत) की प्रदर्शन गारंटी प्रस्तुत करनी होगी। यह गारंटी किसी अनुसूचित बैंक की कॉल रसीद पर जमा के रूप में होगी। किसी अनुसूचित बैंक का बैंकर चेक/किसी अनुसूचित बैंक का डिमांड ड्राफ्ट/किसी अनुसूचित बैंक का पे ऑर्डर (यदि गारंटी राशि 1,00,000/- रुपये से कम है) या सरकारी प्रतिभूतियां या किसी अनुसूचित बैंक की सावधि जमा रसीदें या गारंटी बांड निर्धारित प्रपत्र के अनुसार बैंक या भारतीय स्टेट बैंक। यदि ठेकेदार उक्त निष्पादन गारंटी को अनुसूची 'एफ' में निर्दिष्ट अवधि के भीतर जमा करने में विफल रहता है, जिसमें विस्तारित अवधि भी शामिल है, यदि कोई हो, तो ठेकेदार द्वारा जमा की गई बयाना राशि ठेकेदार को बिना किसी नोटिस के स्वचालित रूप से जब्त कर ली जाएगी।

बोली के साथ जमा की गई बयाना राशि उक्त निष्पादन गारंटी प्राप्त करने के बाद वापस कर दी जाएगी। जिस ठेकेदार की बोली स्वीकार की जाती है, उसे अनुसूची एफ में निर्दिष्ट अवधि के भीतर या तो लागू लाइसेंस/पंजीकरण की प्रति या श्रम लाइसेंस प्राप्त करने के लिए आवेदन करने का प्रमाण, ईपीएफओ, ईएसआईसी और बीओसीडब्ल्यू कल्याण बोर्ड के साथ पंजीकरण की आवश्यकता होगी।

12. इच्छुक बोलीदाताओं को सलाह दी जाती है कि वे साइट (स्थल) और उसके आस-पास का निरीक्षण और जांच करें और जमीन और उप-मिट्टी की प्रकृति (जहां तक व्यावहारिक है), साइट के रूप और प्रकृति के रूप में अपनी बोली जमा करने से पहले खुद को संतुष्ट करें साइट तक पहुंच, आवास की उन्हें आवश्यकता हो सकती है और सामान्य तौर पर वे जोखिम, आकस्मिकताओं और अन्य परिस्थितियों के बारे में सभी आवश्यक जानकारी प्राप्त करेंगे जो उनकी बोली को प्रभावित या प्रभावित कर सकती हैं। बोलीदाताओं को साइट का पूरा ज्ञान होना माना जाएगा कि वह इसका निरीक्षण करता है या नहीं और किसी भी गलतफहमी या अन्यथा के परिणामस्वरूप कोई अतिरिक्त शुल्क की अनुमति नहीं दी जाएगी। बोलीदाता अपनी लागत पर सभी सामग्रियों, उपकरणों और संयंत्रों, पानी, बिजली की पहुंच, श्रमिकों के लिए सुविधाएं और कार्य को निष्पादित करने के लिए आवश्यक अन्य सभी सेवाओं की व्यवस्था और रखरखाव के लिए जिम्मेदार होंगे, जब तक कि अनुबंध दस्तावेजों में विशेष रूप से प्रदान नहीं किया जाता है। बोली लगाने वालों द्वारा बोली प्रस्तुत करने का तात्पर्य है कि उसने इस नोटिस और अन्य सभी अनुबंध दस्तावेजों को पढ़ लिया है और खुद को किए जाने वाले कार्य के दायरे और विशिष्टताओं और उन शर्तों और दरों से अवगत करा दिया है जिन पर स्टोर, उपकरण और संयंत्र आदि हैं। उसे सरकार और स्थानीय परिस्थितियों और कार्य के निष्पादन को प्रभावित करने वाले अन्य कारकों द्वारा जारी किया जाएगा।

13. भारत के राष्ट्रपति की ओर से सक्षम प्राधिकारी सबसे कम या किसी अन्य बोली को स्वीकार करने के लिए बाध्य नहीं है और बिना किसी कारण बताए प्राप्त किसी या सभी बोलियों को अस्वीकार करने का अधिकार अपने पास सुरक्षित रखता है। सभी बोलियां जिनमें कोई भी निर्धारित शर्त पूरी नहीं होती है या बोलीदाताओं द्वारा सशर्त छूट सहित कोई शर्त रखी जाती है, उन्हें सरसरी तौर पर खारिज कर दिया जाएगा।

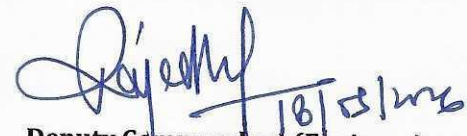
14. बोलीदाताओं के संबंध में प्रत्यक्ष या अप्रत्यक्ष रूप से प्रचार करना सख्त वर्जित है और ठेकेदारों द्वारा प्रस्तुत की गई बोलियां जो प्रचार का सहारा लेती हैं, अस्वीकृति के लिए उत्तरदायी होंगी।

15. भारत के राष्ट्रपति की ओर से सक्षम प्राधिकारी पूरी बोली या उसके किसी भाग को स्वीकार करने का अधिकार अपने पास सुरक्षित रखता है और बोली लगाने वाले उद्धृत दर पर इसे निष्पादित करने के लिए बाध्य होंगे।

16. ठेकेदार को सशस्त्र सीमा बल (एसएसबी) कार्यालय में कार्यों के लिए बोली लगाने की अनुमति नहीं दी जाएगी, जो अनुबंधों के पुरस्कार और निष्पादन के लिए जिम्मेदार हैं, जिसमें उनके निकट रिश्तेदार एक लेखाकार या अधीक्षक के ग्रेड के बीच किसी भी क्षमता में एक अधिकारी के रूप में तैनात हैं। इंजीनियर और सब-इंस्पेक्टर (पायनियर) (दोनों शामिल)। वह उन व्यक्तियों के नाम भी सूचित करेगा जो उसके साथ किसी भी क्षमता में काम कर रहे हैं या बाद में उसके द्वारा

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17. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.
18. The bid for the works shall remain open for acceptance for a period of seventy-five (75) days from the date of opening of bids. If any bidders withdraw his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in the rebidding process of the work.
19. This notice inviting Bid shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of: -
- (a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
- (b) Standard C.P.W.D. Form 7 or other Standard C.P.W.D. Form as applicable.


Deputy Commandant (Engineer)
Sector Hqrs, SSB Lakhimpur Kheri

जमा करने या ठेकेदार की सेवा में संलग्न होने से पहले भारत सरकार की अनुमति प्राप्त नहीं की थी, तो यह अनुबंध रद्द किया जा सकता है। नियोजित हैं और जो सशस्त्र सीमा बल (एसएसबी) या गृह मंत्रालय में किसी भी राजपत्रित अधिकारी के निकट संबंधी हैं। ठेकेदार द्वारा इस शर्त का उल्लंघन करने पर उसे इस विभाग के ठेकेदारों की अनुमोदित सूची से हटाया जा सकता है।


17. भारत सरकार के किसी इंजीनियरिंग विभाग में इंजीनियरिंग या प्रशासनिक कार्यों में कार्यरत किसी भी राजपत्रित पद के इंजीनियर या अन्य राजपत्रित अधिकारी को, भारत सरकार की लिखित पूर्व अनुमति के बिना, सरकारी सेवा से सेवानिवृत्ति के बाद एक वर्ष की अवधि के लिए ठेकेदार के रूप में कार्य करने की अनुमति नहीं है। यदि किसी भी समय ठेकेदार या उसके किसी कर्मचारी के बारे में यह पाया जाता है कि उसने बोली प्रस्तुत करने या ठेकेदार की सेवा में नियुक्ति से पूर्व भारत सरकार से पूर्वोक्त अनुमति प्राप्त नहीं की है, तो यह अनुबंध रद्द किया जा सकता है।

18. कार्यों के लिए बोली खोलने की तारीख से पचहतर (75) दिनों की अवधि के लिए स्वीकृति के लिए खुली रहेगी। यदि कोई बोलीदाता उक्त अवधि से पहले या स्वीकृति पत्र जारी करने से पहले, जो भी पहले हो, अपनी बोली वापस ले लेता है, या बोली के नियमों और शर्तों में कोई संशोधन करता है जो विभाग को स्वीकार्य नहीं है, तो सरकार, बिना किसी पूर्वाग्रह के अन्य अधिकार या उपाय, पूर्वोक्त बयाना राशि के 50% को जब्त करने के लिए स्वतंत्र होंगे। इसके अलावा बोलीदाताओं को कार्य की पुनर्निविदा प्रक्रिया में भाग लेने की अनुमति नहीं दी जाएगी।

19. बोली आमंत्रित करने वाला यह नोटिस अनुबंध दस्तावेज का एक भाग होगा। सफल बोलीदाता/ठेकेदार, स्वीकारकर्ता प्राधिकारी द्वारा अपनी बोली की स्वीकृति पर, कार्य शुरू होने की निर्धारित तिथि से 15 दिनों के भीतर अनुबंध पर हस्ताक्षर करेंगे, जिसमें शामिल हैं:-

(ए) बोली आमंत्रित करने की सूचना, अतिरिक्त शर्तों, विनिर्देशों और ड्राइंग सहित सभी दस्तावेज, यदि कोई हो, जो बोली के निमंत्रण के समय अपलोड की गई बोली का हिस्सा हैं और बोली जमा करने और स्वीकृति के समय ऑनलाइन उद्धृत करें उसके साथ-साथ उस पर जाने वाले किसी भी पत्र-व्यवहार के साथ।

(बी) मानक सी.पी.डब्ल्यू.डी. फॉर्म 7 या अन्य मानक सी.पी.डब्ल्यू.डी. फॉर्म जैसा लागू हो।


18/05/2020
उप-कमांडेंट (अभियंता)

क्षेत्रक मुख्यालय, एसएसबी लखीमपुर खीरी

CPWD-7
GOVERNMENT OF INDIA
SASHASTRA SEEMA BAL (SSB)

PERCENTAGE RATE TENDER & CONTRACT FOR WORKS

Tender for the work of:	Construction of Infrastructure including development works at BOP Bandaria of 70th Bn Lakhimpur Kheri- II under Frontier Lucknow.
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- (i) To be uploaded by **1800 Hrs on 01/06/2026** at www.eprocure.gov.in
- (ii) To be opened in presence of tenderer who may be present **after 1830 Hrs on 01/06/2026** in the office of **Deputy Commandant (Engineer)**, Office of Deputy Inspector General, Sector Hqrs, SSB, Lakhimpur Kheri.

TENDER

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

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 respect with the specifications, designs, drawing and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

We agree to keep the tender open for seventy-five (75) days from the due date of its opening and not to make any modification in its terms and conditions.

A sum of **Rs. 6,62,387/-** is hereby forwarded in receipt treasury challan/deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank as earnest money.

A copy of earnest money in receipt treasury challan/deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank is scanned and uploaded (strike out as the case may be). 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 the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to 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.

CPWD-7
भारत सरकार
सशस्त्र सीमा बाल (एसएसबी)

PERCENTAGE RATE TENDER & CONTRACT FOR WORKS

कार्यों के लिए प्रतिशत दर निविदा एवं ठेका

(ए) काम के लिए निविदा: सीमान्त मुख्यालय एसएसबी लखनऊ के अन्तर्गत 70वीं वाहिनी लखीमपुर खीरी-II की सीमा चौं बंदरिया में विकास कार्यों सहित बुनियादी ढाँचे का निर्माण।

(i) 01/06/2026 को www.eprocure.gov.in पर 1800 बजे तक अपलोड किया जाना है।

(ii) जो दिनांक 01/06/2026 को 1830 बजे के बाद उप कमांडेंट (अभियंता) के कक्ष, क्षेत्रक मुख्यालय, एसएसबी, लखीमपुर खीरी के कार्यालय खोला जाना है, निविदाकर्ता चाहे तो उक्त समय उपस्थित हो सकते हैं।

निविदा

मैंने/हमने निविदा आमंत्रण नोटिस, अनुसूची, ए, बी, सी, डी, ई एंड एफ लागू विनिर्देशों, आरेखण और डिजाइन, सामान्य नियम और निर्देश, अनुबंध की शर्तें, अनुबंध के खंड, विशेष शर्तें, कार्य के लिए निविदा दस्तावेज में अनुबंध की शर्तों और अन्य सभी सामग्री में संदर्भित दर और अन्य दस्तावेज और नियम की अनुसूची पढ़ और जांच की है।।

मैं/हम एतद्वारा भारत के राष्ट्रपति के लिए निर्दिष्ट कार्य के निष्पादन के लिए अनुसूची 'एफ' में निर्दिष्ट समय के भीतर, मात्राओं की अनुसूची और विनिर्देशों, डिजाइन, ड्राइंग और लिखित में निर्देशों के अनुसार सभी मामलों के अनुसार निविदा देता हूं। सामान्य नियमों और निर्देशों के नियम -1 में और अनुबंध की शर्तों के खंड 11 में और ऐसी सामग्री के साथ, जहां तक लागू हो, ऐसी शर्तों के लिए, द्वारा और उसके अनुसार प्रदान की जाती है।

हम निविदा को उसके खुलने की नियत तारीख से पचहत्तर (75) दिनों के लिए खुला रखने और इसके नियमों और शर्तों में कोई संशोधन नहीं करने के लिए सहमत हैं।

एतद्वारा Rs 6,62,387/- की राशि अनुसूचित बैंक की कॉल रसीद पर रसीद ट्रेजरी चालान/जमा/अनुसूचित बैंक की सावधि जमा रसीद/अनुसूचित बैंक के डिमांड ड्राफ्ट/अनुसूचित बैंक द्वारा जारी बैंक गारंटी बयाना राशि के रूप में अग्रपेित की जाती है।

एक अनुसूचित बैंक की रसीद ट्रेजरी चालान/जमा पर जमा रसीद/अनुसूचित बैंक की सावधि जमा रसीद/अनुसूचित बैंक के डिमांड ड्राफ्ट/अनुसूचित बैंक द्वारा जारी बैंक गारंटी की एक प्रति स्कैन और अपलोड की जाती है (मामले के रूप में काट दें) शायद। यदि मैं/हम, निर्धारित अवधि के भीतर निर्धारित निष्पादन गारंटी प्रस्तुत करने में विफल रहते हैं, तो मैं/हम सहमत हूं कि भारत के राष्ट्रपति या उनके उत्तराधिकारियों को, किसी अन्य अधिकार या उपाय पर प्रतिकूल प्रभाव डाले बिना, उक्त बयाना को जब्त करने की स्वतंत्रता होगी। इसके अलावा, यदि मैं/हम निर्दिष्ट के रूप में काम शुरू करने में विफल रहते हैं, तो मैं/हम सहमत हूं कि भारत के राष्ट्रपति या पद के उत्तराधिकारी कानून में उपलब्ध किसी भी अन्य अधिकार या उपाय पर प्रतिकूल प्रभाव डाले बिना, उक्त प्रदर्शन गारंटी को पूरी तरह से जब्त करने के लिए स्वतंत्र होंगे। उक्त निष्पादन गारंटी, निविदा दस्तावेजों में निर्दिष्ट सभी कार्यों को निहित प्रपत्र में निहित प्रावधान के अनुसार निर्धारित की जाएगी।

इसके अलावा, मैं/हम सहमत हूं/हैं कि पूर्वोक्त बयाना राशि या निष्पादन गारंटी की जब्त की मामले में, मुझे/हम कार्य की पुनः निविदा प्रक्रिया में भाग लेने से वंचित कर दिया जाएगा।

मैं/हम वचन देते हैं और पुष्टि करते हैं कि पात्र समान कार्य किसी अन्य ठेकेदार के माध्यम से बैंक टू बैंक आधार पर निष्पादित नहीं किए गए हैं। इसके अलावा, यदि इस तरह का उल्लंघन विभाग के संज्ञान में आता है, तो मुझे/हम भविष्य में एस.एस.बी में निविदा के लिए हमेशा के लिए वंचित कर दिया जाएगा। साथ ही, यदि ऐसा उल्लंघन कार्य शुरू होने की तिथि से पहले विभाग के संज्ञान में आता है, तो प्रभारी अभियंता को बयाना राशि/निष्पादन गारंटी की पूरी राशि को जब्त करने के लिए स्वतंत्र होगा।

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Further, I/We agree that in case of forfeiture of Earnest Money or 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 S.S.B 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.

Dated

Signature of Contractor

Witness:

Postal Address

Address:

Occupation:

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मैं/हम एतद्द्वारा घोषणा करते हैं कि मैं/हम निविदा दस्तावेजों के चित्रों और कार्य से जुड़े अन्य अभिलेखों को गुप्त/गोपनीय दस्तावेजों के रूप में मानेंगे और किसी ऐसे व्यक्ति के अलावा किसी अन्य व्यक्ति से वहां से प्राप्त जानकारी/व्युत्पन्न नहीं करेंगे, जिसे मैं/हम उसी को संप्रेषित करने या राज्य की सुरक्षा के लिए किसी भी तरीके से जानकारी का उपयोग करने के लिए अधिकृत हैं।

Dated

Signature of Contractor

Witness:

Postal Address

Address:

Occupation:

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ACCEPTANCE

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 ` (Rupees.).

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

- (a)
- (b)
- (c)

For & on behalf of President of India

Signature

Dated:

Designation

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ACCEPTANCE

उपरोक्त निविदा (जैसा कि आपके द्वारा यहां उल्लिखित पत्रों में प्रदान किया गया है) मेरे द्वारा भारत के राष्ट्रपति के लिए और उनकी ओर से कितनी राशि के लिए स्वीकार किया जाता है
.....(रुपये.....)
.....)।

नीचे उल्लिखित पत्र इस अनुबंध समझौते का हिस्सा होंगे:

(ए)

(बी)

(सी)

भारत के राष्ट्रपति के लिए और उनकी ओर से

हस्ताक्षर

दिनांक:

पदनाम

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PROFORMA OF SCHEDULES**SCHEDULE 'A'**

Schedule of quantities (as per attached NIT BOQ)

SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

S. No.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of issue
1	2	3	4	5
-----NIL-----				

SCHEDULE 'C'

Tools and plants to be hired to the contractor

S. No.	Description	Hire charges per day	Place of Issue
1	2	3	4
-----NIL-----			

SCHEDULE 'D'

Extra schedule for specific requirements/document for As attached in tender form. the work, if any.

SCHEDULE 'E'

Reference to General Conditions of contract - GCC for CPWD 2024 as amended/modified up to the day previous to last date of submission of bid.

Name of Work: Construction of Infrastructure including development works at BOP Bandaria of 70th Bn Lakhimpur Kheri- II under Frontier Lucknow.	
Estimated cost of the work:	Rs 3,31,19,332/-
Earnest money	Rs. 6,62,387/- (To be returned after receiving performance guarantee)
Performance Guarantee	5% of the Estimated cost put to tender (ECPT) or contract amount whichever is higher and within the period specified in schedule F. Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement as above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.
Security Deposit	2.5% of the tendered value of the work

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SCHEDULE 'F'**GENERAL RULES & DIRECTIONS:**

Officer inviting tender	Deputy Commandant (Engineer), Sector Hqrs, SSB, Lakhimpur Kheri.
Maximum percentage of quantity of items of work to be executed beyond which rates are to be determined in accordance with Clause 12.2.& 12.3	See below

Definitions:

- 2(v) Engineer-in-Charge Deputy Commandant (Engineer), Sector Hqrs, SSB, Lakhimpur Kheri.
- 2(vii) Accepting Authority Superintending Engineer, FTR Lucknow
- 2(x) Percentage on cost of materials and labour to cover all overheads and profits 15%
- 2(xi) Standard Schedule of Rates: CPWD, Delhi Schedule of rates 2023 with correction slips up to the day previous to last date of submission of tender
- 2(xii) Department: Sashastra Seema Bal (SSB)
- 9(ii) Standard CPWD contract Form: GCC 2024, CPWD form 7 as modified & corrected upto the day previous to last date of submission of tender. (Whether correction vide latest circulars are incorporated or not in this document).
- Clause 1 (i) Time allowed for submission of Performance Guarantee, and applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance 10 Days
- (ii) Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period as provided in (i) above 10 Days

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Clause 2 Authority for fixing Compensation under Clause 2 Superintending Engineer, FHQ
SSB, New Delhi.

Clause 2 A Whether Clause 2A shall be applicable No

Clause 5 Number of days from the date of issue of letter of acceptance for reckoning date of start **10 days**

Time allowed for execution of work : **365 days.**

Clause 5.4

Schedule of rate of recovery for delay in submission of the modified program in terms of delay days

Sl. No.	Contract value	Recovery Rs.
i.	More than Rs. 1 Crore but less than or equal to Rs. 5 Crores	N.A
ii.	More than Rs. 5 Crores but less than or equal to Rs. 20 Crores	N.A
iii.	More than Rs. 20 Crores	N.A

Authority to decide

(i) Extension of time Deputy Commandant (Engineer), Sector Hqrs, SSB,
Lakhimpur Kheri or his successor thereof

(ii) Rescheduling of mile stone Deputy Commandant (Engineer), Sector Hqrs, SSB,
Lakhimpur Kheri or his successor thereof

iii) Shifting of date of start in case of delay in handing over of site Deputy Commandant (Engineer), Sector Hqrs, SSB,
Lakhimpur Kheri or his successor thereof

Clause- 6

Clause 6, 6A Clause applicable

Clause 7 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 20Lakh

Clause 7A Whether Clause 7A shall be applicable No

Clause 10A List of testing equipment to be provided by the contractor at site lab.
NA

Clause 10 B (ii) & 10B (iii) Whether clause 10-B (ii) shall be applicable. Whether clause 10-B (iii) shall be applicable. No

No



Clause 10 C Component of labour expressed as percentage of total value of work. 25 %

Clause 10 CA N/A

Clause 10 B (ii) & 10B (iii) Whether clause 10-B (ii) shall be applicable. Whether clause 10-B (iii) shall be applicable.
: No

Clause 10 C Component of labour expressed as percentage of total value of work.

Clause 10 CA N/A

Clause 10CC Clause 10 CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column
-Not Applicable

Clause 11 Specification to be followed for execution of work:
CPWD Specifications 2019 (Civil) Vol. 1 and Vol. 2 and 2023 (Electrical) Internal & External with correction slips up to the day previous to last date of submission of tender.

Clause 12

Type of work	Project & Original Work	
12.2 & 12.3	Deviation limit beyond which clause 12.2 & 12.3 shall apply for building work.	30%
12.5	i) Deviation limit beyond which clause 12.2 & 12.3 shall apply for foundation work (except items mentioned in earth work subhead in DSR and related items)	100 %
	ii) Deviation limit for items mentioned in earth work subhead of DSR and related items	100 %

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Clause 16	Competent Authority for Deciding reduced rates:
Superintending Engineer, FHQ, SSB, New Delhi or his successor thereof	

Clause 18	List of mandatory machinery, tools & plants to be deployed by the contractor at site.	As per enclosed
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Clause 25

Constitution of Dispute Redressal Committee (DRC)		
	N.A	N.A
Chairman	N.A	N.A
Member	N.A	N.A

Clause 36(i) Requirement of Technical Representative(s) and Recovery Rate

Sl. No.	Requirement of Technical staff		Minimum experience (Years)	Designation of Technical staff	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of Clause 36(i)	
	Qualification	No			Figures	Words
1	Graduate Engineer or Diploma Engineer	01	2 years or 5years respectively	Project/site Engineer (Electrical / Electronics Engineer)	Rs. 15,000/- per month	Rs. fifteen thousand per month


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Clause 42 :

- i) a) Schedule/ statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates 2016 printed by CPWD D.S.R. 2023 (Civil) & 2025(E&M) with correction slips issued up to the day previous to last date of submission of bid.
- ii) Variations permissible on theoretical quantities
- a) Cement for works with estimated cost put to tender not more than Rs. 5 lakh. 3% plus/minus
- For works with estimated cost put to Tender is more than Rs. 5 lakh. 2% plus/minus
- b) Bitumen all works 2.5% plus & nil on minus side.
- c) Steel reinforcement and structural steel Sections for diameter, section and category. 2% plus/minus.
- d) All other materials Nil

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

S. No.	Description of Item	Rates in figures and words at which recovery shall be made from the Contractor	
		Excess beyond permissible variation	Less use beyond permissible variation
1	Cement	Not applicable	Not permitted
2	Steel Reinforcement	Not applicable	Not permitted


 Deputy Commandant (Engineer)
 Sector Hqrs, SSB Lakhimpur Kheri

GENERAL REQUIREMENT FOR THE TENDER

Name of Work: **Construction of Infrastructure including development works at BOP Bandaria of 70th Bn Lakhimpur Kheri- II under Frontier Lucknow.**

- 1) The tenderer is advised to read and examine the tender documents for the work and the set of drawings available with Engineer-in-charge. He should inspect and examine the site and its surroundings by himself before submitting his tender.
- 2) If the tenderer wants to offer any unconditional rebates on their rates, the same should also be offered in the respective components of civil and electrical schedule separately. The contractor shall quote the percentage rates in figures and words accurately so that there is no discrepancy in rates written in figures and words.
- 3) Time allowed for the completion of work is **365 days**.
- 4) The contractor(s) shall submit a detailed program of execution in accordance with the master programme/milestone within ten days from the date of issue of award letter.
- 5(a) Quality of the project is of utmost importance. This shall be adhered to in accordance with the provisions of CPWD specifications and guidelines given in the relevant paras.
- 5(b) The contractor (s) shall make his own arrangements for electricity and water required for the execution of work.
- 5(C) Cement shall be arranged by the contractor himself.**
- 5(d) Steel Reinforcement shall be arranged by the contractor himself.**
- 5(e) Contractor has to use specialized agencies for specialized items of works such as water proofing and other specialized items as mentioned in the tender documents. Only those specialized agencies/firms who have satisfactorily executed works as per following criteria during last seven years are eligible for the specialized works-
 - (a) Three similar works each costing not less than 40% of estimated cost for concerned sub head.

Or
 - (b) Two similar works each costing not less than 60% of estimated cost for concerned sub head.

Or
 - (c) One similar work costing not less than 80% of estimated cost for concerned sub head.

Approval of the specialized agencies for each specialized work shall be obtained from the Engineer-in-Charge within one month of award of work. Even if, such specialized items of work shall be executed by the specialized agencies, the work shall be deemed to be executed by the tenderer for all purposes and the responsibility of the quality of items of works executed etc. shall continue to be that of the tenderer only.



5(f) Contractor has to deploy required Plant and machinery on the project. **Minimum number of plant and machinery to be deployed by him is indicated at Page No.49&50.** In case the contractor fails to deploy the plant and machinery whenever required and as per the direction of the Engineer-in-charge, he (Engineer-in-charge) shall be at a liberty to get the same deployed at the risk and cost of the contractor.

5(g) The contractor shall submit the running and final bills in the shape of the computerized MB in pages of A-4 size (03 sets) as per the standard format of department and shall act as per modified clause 6 A of CPWD-7

5(h) Contractor has to provide reinforcement cover blocks made of approved proprietary pre packed free flowing mortars (Conbextra as manufactured by M/s Fosroc Chemical India Ltd. or approved equivalent) of high early strength.

5(i) The contractor shall comply with the provisions of the Apprentices Act 1961, and the rules and orders issued there under from time to time.

6. The bidder shall personally visit the site, and a token of signature duly obtained from both the bidder (self) and the representative of SSB at the BOP as proof of the visit shall be uploaded on the e-Tendering website within the bid submission period.

7. The bidder shall submit a certificate of the postal address. All correspondence by SSB shall be made through post, fax, or e-mail. If any letter is returned undelivered, the responsibility for furnishing an incorrect address shall rest with the bidder.



MATERIAL AND QUALITY ASSURANCE

1. The contractor shall ensure quality control measures on different aspects of construction including materials, workmanship and correct construction methodologies to be adopted. He shall have to submit quality assurance programme within two weeks of the award of work. The quality assurance programme should include method statement for various items of work to be executed along with check lists to enforce quality control.
 2. The contractor shall get the source of all other materials, not specified elsewhere in the document, approved from the Engineer-in-Charge. The contractor shall stick to the approved source unless it is absolutely unavoidable. Any change shall be done with the prior approval of the Engineer-in-Charge for which tests etc. shall be done by the contractor at his own cost. Similarly, the contractor shall submit brand/make of various materials not specified in the agreement, to be used for the approval of the Engineer-in-Charge along with samples and once approved, he shall stick to it.
 3. The contractor shall submit shop drawings of staging and shuttering arrangement and other works as desired by Engineer In Charge for his approval before execution. The contractor shall also submit bar bending schedule for approval of Engineer-in-charge before execution.
- 4. Test Laboratories:**
- A) Laboratory at site:**
- The contractor shall establish a testing lab at site and provide testing equipment and materials for the field tests mentioned in the list of mandatory tests given in CPWD specifications 2009 Vol. 1 & 2. Nothing extra shall be payable to him on this account.
- The representatives of the department shall be at liberty to inspect the testing facilities at site and conduct testing at random in consultation with Engineer in charge. The contractor shall provide all necessary facilities for the purpose. The laboratory shall be equipped, inter alia, with the following equipment:
- a) Balances:**
- 1) 7 kg to 10 kg capacity, semi-self indicating type-Accuracy 10 gm.
 - ii) 500 gm capacity, semi-self indicating type Accuracy 1 gm.
 - iii) Pan Balance-5 kg Capacity- Accuracy 10 gm.
- b) Equipment for slump test:**
- Slump cone, steel plate, taping rod, steel scale, scoop.
- c) Equipment for concrete testing:**
- | | |
|---|---------|
| 1) Concrete cube moulds 15x15x15cm. | 06 Nos. |
| ii) Pruning Rods 2Kg weight length 40cm and ramming face 25mm | 1 No. |
| iii) Extra Bottom plates for 15cm cube mould | 06 Nos. |
| iv) Standard Vibration table for cubes | 1 No |



Not less than 90% tests for material be performed at site lab with above stated equipment's, however at least 10% testing of materials shall be got done from external laboratories, However, for the tests to be carried out by the external laboratories, the contractor shall supply free of charge all the materials required for testing, including transportation. If the tests which were to be conducted in the site laboratory are conducted in other laboratories for any the reasons the cost of such tests shall be borne by the contractor.

B) Other Laboratories:

B1 The contractor shall arrange carrying out all tests required under the agreement through the laboratory as approved by the Engineer-in-Charge and shall bear all charges in connection therewith including charges for testing for all materials except cement for which separate condition is provided in tender document.

C) Sampling of Materials:

- CI Sample of building materials fittings and other articles required for execution of work shall be got approved from the Engineer-in-Charge. Articles manufactured by companies of repute and approved by the Engineer-in-Charge shall only be used. Articles bearing BIS certification mark shall be used in case the above are not available, the quality of samples brought by the contractor shall be judged by standards laid down in the relevant BIS specifications. All materials and articles brought by the contractor to the site for use shall conform to the samples approved by the Engineer-in-Charge which shall be preserved till the completion of the work.
- C2 The contractor shall ensure quality construction in a planned and time bound manner. Any sub-standard material/work beyond set out tolerance limit shall be summarily rejected by the Engineer-in-Charge.
- C3 BIS marked materials except otherwise specified shall be subjected to quality test at the discretion of the Engineer-in-Charge besides testing of other materials as per the specifications described for the item/materials. Wherever BIS marked materials are brought to the site of work, the contractor shall if required, by the Engineer-in-Charge furnish manufacturers test certificate to establish that the material produced by the contractor for incorporation in the work satisfies the provisions of BIS codes relevant to the material and/or the work done.
- C4 The contractor shall procure all the materials in advance so that there is sufficient time to testing and approving of the materials and clearance of the same before use in work.
- C5 All materials brought by the contractor for use in the work shall be got checked from the Engineer-in-Charge or his authorized representative of the work on receipt of the same at site before use.
- C6 The contractor shall be fully responsible for the safe custody of the materials issued to him even if the materials are in double lock and key system.
- C7 The Stone aggregate/stone, sand shall be brought from any quarries subjected to the said materials confirm CPWD specifications.

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- 5 The day to day receipt and issue accounts of different grade/brand of cement shall be maintained separately in the standard proforma by the authorized representative of Engineer-in-charge /Jr. Engineer-in-Charge of work and which shall be duly signed by the contractor or his authorized representative.
- 6 The contractor shall render all help and assistance in documenting the total sequence of this project by way of photography, slides, audio-video recording etc. Nothing extra shall be payable to the contractor on this account. However cost of photographs, slides, audio/videography etc shall be born by the department.
- 7 The contractor shall be fully responsible for the safe custody of materials brought by him issued to him even though the materials are under double lock key system.
- 8 Separate cement registers showing the receipt of the OPC and PPC shall be maintained at site. The contractor shall construct separate godowns for storage of OPC & PPC at site and nothing extra on this account shall be payable.
- 9 Cement issued shall be for consumption at site only. No cement for factory made items and those not manufactured at site shall be issued.
- 10 In case there is any discrepancy in frequency of testing as given in the list of mandatory test and that in the individual sub-head of work as per CPWD specification 2009 Vol. 1 & 2 the higher of the two frequencies of testing shall be adopted.

11 Maintenance of Cement Register:

- (1) All the register of tests to be carried out at construction site or in outside laboratories shall be maintained by the contractor.
- (ii) The test registers to be maintained by the contractor are:
 - a) Cement register.
 - b) Master test registers.
 - c) Cube test register.
 - d) Inspection register.
 - e) Drawing register.
- (iii) All the entries in the register will be made by the designated engineering staff of the contractor and same should be regularly reviewed by JE/AE/EE.
- (iv) Contractor shall be responsible for safe custody of all the test registers.
- (v) Submission of copy of all test registers, material at site register along with each alternate running account bill and final bill shall be mandatory. These registers shall be duly checked by concerned AE/AC(Engg).



ADDITIONAL CONDITIONS FOR CEMENT

The contractor shall procure Portland Pozzolana Cement conforming to IS: 1489 (Part-1) as required in the work, from reputed manufacturers of cement, such as A.C.C., Ultratech, Vikram, Shri cement, Ambuja, Jaypee Cement, Century Cement, J.K. Cement **or from any other reputed cement Manufacturer having a production capacity not less than one million tons per annum for the sub region**. The tenderers may also submit a list of names of cement manufacturers which they propose to use in the work. The tender accepting authority reserves right to accept or reject name(s) of cement manufacturer(s) which the tenderer proposes to use in the work. No change in the tendered rates will be accepted if the tender accepting authority does not accept the list of cement manufacturers, given by the tenderer, fully or partially.

1. Supply of cement shall be made in 50 kg. bags bearing manufacturer's name and ISI marking. Samples of cement arranged by the contractor shall be taken by the Engineer-in-Charge and got tested in accordance with provisions of the relevant BIS codes. In case the test results indicate that the cement arranged by the contractor does not confirm to the relevant BIS code the same shall stand rejected and shall be removed from the site by the contractor at his own cost within a week's time of written order from the Engineer-in-Charge to do so.
2. The cement shall be brought at site in bulk supply of approximately 05 tonnes or as decided by the Engineer-in-Charge. The cement godown of the capacity to store a minimum of 100 bags of cement shall be constructed by the contractor at site of work for which no extra payment shall be made.
3. Double lock provision shall be made to the door of the cement godown. The keys of one lock shall remain with the Engineer-in-charge or his authorized representative and the key of the other lock shall remain with the contractor. The contractor shall be responsible for the watch and ward and safety of the cement godown. The contractor shall facilitate the inspection of the cement godown by the Engineer-in-Charge at any time.
4. The cement shall be got tested by the Engineer-in-Charge and shall be used on the work only after satisfactory test results have been received. The contractor shall supply free of charge the cement required for testing including its transportation cost to test laboratories. The cost of tests shall be borne by the contractor.
5. The actual issue and consumption of cement on work shall be regulated and proper accounts maintained as provided in clause 10 of the contract. The theoretical consumption of cement shall be worked out as per procedure prescribed in clause 42 of the contract and shall be governed by conditions laid therein. In case the cement consumption is less than theoretical consumption including permissible variation, recovery at the rate so prescribed shall be made. In case of excess consumption, no adjustment needs to be made. The cement brought to site and the cement remaining unused after completion of the work shall not be removed from site without the written permission of the Engineer-in-Charge.
7. The damaged cement shall be removed from the site immediately by the contractor on receipt of a notice in writing from the Engineer-in-Charge. If he does not do so within three days of receipt of such notice, the Engineer-in-Charge shall get it removed at the cost of the contractor.
8. The contractor may use OPC in place of PPC only after written permission of Engineer-in-Charge. In such case, no extra payment shall be made in any form to the contractor by the Department.

ADDITIONAL CONDITIONS FOR STEEL REINFORCEMENT

1. The contractor shall procure TMT bars of Fe 500 D grade from steel producers such as **SAIL, Tata Steel Ltd, RINL, Jindal Steel & Power Ltd and JSW Steel Ltd, Bhushan Power & Steel Limited or any other producer who are using iron ore** as the basic raw material/input and having crude steel capacity of 2.0 million tonnes per annum and above.
 - 1.1 TMT bars shall meet the provisions of IS 1786: 2008 pertaining to Fe 500 D grade of steel.
2. The contractor shall have to obtain vouchers and furnish test certificates to the Engineer-in-charge in respect of all supplies of steel brought by him to the site of work.
3. Samples shall also be taken and got tested by the Engineer-in-charge as per the provisions in this regard in the relevant BIS codes. In case the test results indicate that the steel arranged by the contractor does not conform to the specifications as defined under para 1.1 above, the same shall stand rejected and It shall be removed from the site of work by the contractor at his cost within a week time of written orders from the Engineer-in-charge to do so.
4. The steel reinforcement shall be brought to the site in bulk supply of 10 tonnes or more or as directed by the Engineer-in-charge.
5. The steel reinforcement bars shall be stored by the contractor at site of work in such a way as to prevent distortion & corrosion, and nothing extra shall be paid on this account. Bars of different sizes and lengths shall be stored separately to facilitate easy counting and checking.
6. For checking nominal mass, tensile strength, bend test, re-bend test etc. specimens of sufficient length shall be cut from each size of the bar at random at frequency not less than that specified below:

Size of bar	For consignment below 100 tonnes	For consignment over 100 tonnes
Under 10 mm dia bars	One sample for each 25 tonnes or part thereof	One sample for each 40 tonnes or part thereof
10 mm to 16 mm dia bars	One sample for each 35 tonnes or part thereof	One sample for each 45 tonnes or part thereof
Over 16 mm dia bars	One sample for each 45 tonnes or part thereof	One sample for each 50 tonnes or part thereof

7. The contractor shall supply free of charge the steel required for testing including Its transportation to testing laboratories. The cost of tests shall be born by the contractor.
8. The actual issue and consumption of steel on work shall be regulated and proper accounts maintained as provided in clause 10 of the contract. The theoretical consumption of steel shall be worked out as per procedure prescribed in clause 42 of the contract and shall be governed by the conditions laid therein. In case the consumption is less than theoretical consumption including permissible variations recovery at the rate so prescribed shall be made. In case of excess consumption no adjustment need to be made.

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9. The steel brought to the site and the steel remaining unused shall not be removed from site without the written permission of the Engineer-in-charge
10. Steel bars brought by the contractor for use in the work shall be got checked from the Engineer-in-Charge or his authorized representative of the work on receipt of the same at site before use.
11. In case the contractor brings surplus quantity of steel the same after completion of the work will be removed from the site by the contractor at his own cost after approval of the Engineer-in-Charge.
12. Reinforcement including authorized spacer bars and lappages shall be measured in length of different diameters, as actually (not more than as specified in the drawing) used in the work, nearest to a centimeter. Wastage and unauthorized overlaps shall not be measured.
13. The standard sectional weights referred to as in Table 5.4 under para 5.3.4 in CPWD specifications for works 2009 Vol. 1 will be considered for conversion of length of various sizes of MS bars, Tor steel bars and TMT bars into standard weight.
14. Records of actual sectional weight shall also be kept dia-wise & lot-wise. The average sectional weight for each diameter shall be arrived at from samples from each lot of steel received at site. The decision of the Engineer-in-Charge shall be final for the procedure to be followed for determining the average sectional weight of each lot. Quantity of each diameter of steel received at site of work each day will constitute one single lot for the purpose. The weight of steel by conversion of length of various sizes of bars based on the actual weighted average sectional weight shall be termed as derived actual weight.
15. If the derived weight as in para 14 above is lesser than the standard weight as in para 13 above, the derived actual weight shall be taken for payment.

If the derived actual weight is found more then the standard weight then the standard weight as worked out in para 13 above shall be taken for payment. In such case nothing extra shall be paid for the difference between the derived actual weight and the standard weight.
16. Mixing of different type of steel/different grades of steel shall not be allowed in the same structural members as main reinforcement to satisfy clause 26.1 of IS:456.
17. Tolerances on Nominal Mass (individual sample) shall be as under:-

Sl. No.	Nominal size mm	Tolerances on the Nominal Mass, percentage
1	Upto and including 10	-8%
2	Over 10 upto & including 16	-6%
3	Over 16	-4%

PARTICULAR SPECIFICATION

1. EARTH WORK

Any trenching and digging for laying sewer lines/water lines/cables etc. shall be commenced by the contractor only when all men, machinery's and materials have been arranged and closing of the trench(s) thereafter shall be ensured within the least possible time.

2. RCC WORK

The work shall be done as per CPWD specifications.

- 2.1 If the quantity of cement actually used in the work is found to be more than the theoretical quantity of cement including authorized variation, nothing extra shall be payable to the contractor on this account. In the event of it being discovered that after the completion of the work, the quantity of cement used is less than the quantity ascertained as herein before provided (allowing variation on the minus side as stipulated in clause 42) the cost of quantity of cement so less used shall be recovered from the contractor at the rate as specified in schedule 'F'. Decision of the Engineer-in-Charge in regard to the quantity of cement which should have been actually used as per the schedule and recovery at the rate specified shall be final and binding on the contractor.
- 2.2 For non-scheduled items, the decision of the Superintending Engineer regarding theoretical quantity of the cement which should have been actually used shall be final and binding on the contractor.
- 2.3 Cement brought to site and cement remaining unused after completion of work shall not be removed from site without written permission of the Engineer-in-Charge.
- 2.4 In case the contractor brings surplus quantity of cement the same after completion of the work will be removed from the site by the contractor at his own cost after approval of the Engineer-in-Charge.

2.5 DESIGN MIX CONCRETE:

- 2.5.1 Coarse aggregate: As per CPWD Specifications
- 2.5.2 Fine Aggregate: As per CPWD Specifications.
- 2.5.3 Water: It shall conform to requirements laid down in IS:456: 2000 and CPWD specifications.
- 2.5.4 Cement: Cement arranged by the contractor will be PPC (in bags) conforming to IS: 1489-Part-I. If for any reasons, cement other than that specified in this para for example OPC of grade 43 or higher grade is brought to site by contractor, the issue, payments rate as well as the quantity to be used in the design mix concrete will remain unchanged.
- 2.5.5 Slump: Design slump should be clearly specified in the mix design.
- 2.5.6 Admixtures shall not be used without approval of Engineer-in-charge. Wherever The admixtures shall conform to IS: 9103. The contractor shall not be paid anything required, specified, extra for admixture required for achieving desired workability without any change in specified water cement ratio for RCC/CC work.
- 2.5.7 The concrete mix design/laboratory tests with and without admixture shall be got done by contractor at his own cost and will be carried out by the contractor through one of the following laboratory/Test houses:



(i) IIT- Kanpur, BHU, Roorkee

(ii) IET-Lucknow

(iii) HBTI-Kanpur

(iv) AMU-Aligarh

(v) NCCBM-Ballabgarh

(vi) MMM Engineering College, Gorakhpur (UP)

(vii) Delhi Test House- Lucknow.

(viii) Ambile Testing and Research Labs, Lucknow.

(ix) Arun Soil Lab Pvt. Ltd., Lucknow.

(X) Stellar Test House (NABL Accredited & BIS Recognized Laboratory) G-68, Sector 63, Noida, UP-201301

The various ingredients for mix design / laboratory tests shall be sent to the test houses through the Engineer-in-Charge and the samples of such aggregate & cement shall be preserved at site by the department.

- 2.5 All other operations in concreting work like Mixing, Slump, Laying Placing of concrete, compaction curing etc. not mentioned in this particular specification for Design Mix of concrete shall be as per CPWD specification.

2.6 WORK STRENGTH TEST SPECIMEN

Work strength test shall be conducted in accordance with IS: 456 on random sampling. Each test shall be conducted on six specimens, three of which shall be tested at 7 days and remaining three at 28 days.

TEST RESULTS OF SAMPLE

The test result of the sample shall be the average of the strength of three specimen. The individual variation shall not be more than 15 percent of the average. If more, the test results of the sample are invalid. 90% of the total test shall be done at the laboratory established at site by contractor and remaining 10% in the laboratory of CPWD or in any other laboratory as directed by the Engineer-in-Charge.



Lot size

Quantity of concrete in the work cubic meter per day	Number of samples.
1-5	1
6-15	2
16-30	3
31-50	4
51 & above	4+ one additional sample for additional 50 cubic meter or part thereof.

The minimum frequency of sampling of concrete of each grade shall be according to the following: -

Note: At least one sample shall be taken from each shift.

- 2.8 STANDARDS OF ACCEPTANCE- As per CPWD specifications/IS 456 Code
- 2.9 In case of rejection of concrete on account of unacceptable compressive strength governed by para "Standard of Acceptance" as above the work for which samples have failed shall be redone at the cost of contractors. However, the Engineer-in-Charge may order for additional test (like cutting cores, ultrasonic pulse velocity test, load tests on structure or part of structure etc.) to be carried out at the cost of contractor to ascertain if the portion of structure wherein concrete represented by the sample has been used, can be retained on the basis of results of individual or combination of these tests. The contractor shall take remedial measures necessary to retain the structure as approved by the Engineer-in-Charge without any extra cost. However, for payment the basis of rate payable to contractor shall be governed by the 28 days cube test results.
- 2.10 Only M.S centering/shuttering and scaffolding material unless & otherwise specified shall be used for all RCC Work to give an even finish of concrete surface. However marine ply shuttering in exceptional cases as per site requirement may be used on specific request from contractor on approval by the Engineer-in-Charge.
- 2.11 Necessary arrangements shall be made for field tests and all required equipment's shall be arrange by establishing field lab by the Agency for mandatory tests of the materials as specified in CPWD specifications or as per direction of Engineer-in-Charge. No extra payment shall be paid on this account.

3 PRE-CAST RCC WORK

- 3.1 shall be made in the mould to accommodate fixing devices such as hooks, flats etc. Pre-cast reinforced concrete units shall be of grade or mix as specified. Provision And sample of the unit shall be got approved from Engineer-in-Charge before taking up the work.
- 3.2 pre-cast units shall be clearly marked to indicate the top of member and its locations.

Pre-cast units shall be stored, transported and placed in position in such a manner 3.3 that these are not damaged.

4 SANITARY INSTALLATIONS, WATER SUPPLY AND DRAINAGE

- 4.1 The work of water supply and sanitary installations shall be got executed by the agency as approved by Engineer-in-Charge.



- I. The entire plumbing drawing and sanitary Installation drawing/ details shall be submitted by the contractor and got approved by the Engineer-in-Charge before the execution.
- II. The entire responsibility for the quality of work will however rest with the contractor only.
- 4.2 The work of water supply, internal sanitary installations and drainage etc. shall be carried out as per the bylaws of the Municipal Corporation or any other local body and the contractor shall produce necessary completion certificates from such authority after completion of work. All water tanks, taps, sanitary, water supply and drainage pipes fittings and accessories etc. shall conform to the bylaws and specifications of the Municipal Body/Corporation where CPWD specifications are not available. 4.3
- 4.4 The contractor shall engage licensed plumbers for the work and the materials (fixtures/fittings) tested by the local Municipal Body/Corporation wherever required at his own cost. Nothing extra shall be paid/reimbursed for the same.
- 4.5 The contractor shall give a performance test of the entire installation(s) as per standing specifications before the work is finally accepted by making his own arrangements for water supply, electricity etc. and nothing extra whatsoever shall be payable for the same.
- 4.6 The work in general shall be carried out as per CPWD specifications. Rate includes all materials, labour and all the operations mentioned in the respective items unless and otherwise specifically mentioned.
- 4.7 The contractor shall give a satisfactory performance test of the entire installation (s) before the work is finally accepted and nothing extra shall be payable to the contractor on this account.
- 4.8 The contractor shall be responsible for all the protection of sanitary, water supply fittings and fixtures against pilferage and breakage during the period of installation until the completion/handing over of the work.
- 4.9 The contractor shall submit completion plans for water supply internal sanitary installations and building drainage work within thirty days of the date of completion. These plans are to be submitted on drawings prepared preferably through computers (1 original copy 3 photocopies) on stiltable scales to show the general arrangement desired details.

5 WATER PROOFING TREATMENT

The contractor shall associate himself with the specialized firm, to be approved by the Engineer-in-charge in writing, for water proofing treatment for basement/lower ground floor, underground tank and on roofs. Guarantee in the prescribed proforma attached with tender document shall be given by the specialized firm, for a period of 10 years from the date after the maintenance period prescribed in the contract, which shall be counter signed by the contractor as token of overall responsibility. In addition 10% (ten percent) of the cost of water proofing items shall be retained as guarantee to watch the performance of the work done. However half of this retained amount will be released after five years, if the performance of the work done is found satisfactory. If however any defect is noticed during the guarantee period, it shall be rectified by the contractor within seven days of intimation. In case it is not attended to, the same will be got done by another agency at the risk and cost of the contractor.

SPECIAL CONDITIONS

1. The contractor shall not store/dump construction material or debris on metaled road.
2. The contractor shall get prior approval from Engineer-in-Charge for the area where the construction material or debris can be stored beyond the metaled road. This area shall not cause any obstruction to the free flow of traffic/inconvenience to the pedestrians. It should be ensured by the contractor that no accidents occur on account of such permissible storage.
3. The contractor shall take appropriate protection measures like raising wind breakers of appropriate height on all sides of the plot/area using CGI sheets or plastic and/or other similar material to ensure that no construction material dust fly outside the plot area.
4. The contractor shall ensure that all the trucks or vehicles of any kind which are used for construction purposes/or are carrying construction material like cement, sand and other allied material are fully covered. The contractor shall take every necessary precautions that the vehicle are property cleaned and dust free to ensure that enroute their destination, the dust, sand or any other particles are not released in air/contaminate air.
5. The contractor shall provide mask to every worker working on the construction site and involved in loading, unloading and carriage of construction material and construction debris to prevent inhalation of dust particles.
6. The contractor shall provide all medical help, investigation and treatment to the workers involved in the construction of building and carry of construction material and debris relatable to dust emission.
7. The contractor shall ensure that C&D waste is transported to the C&D waste site only and due record shall be maintained by the contractor.
8. The contractor shall compulsorily use of jet in grinding and stone cutting.
9. The contractor shall comply all the preventive and protective environmental steps as stated in the MoEF guidelines, 2010.
10. The contractor shall carry out on-Road-Inspection for black smoke generating machinery. The contractor shall use cleaner fuel.
11. The contractor shall ensure that the DG sets comply emission norms notified by MOEF.
12. The contractor shall use vehicles having pollution under control certificate. The emissions can be reduced by a large extent by reducing the speed of a vehicle to 20 kmph. Speed bumps shall be used to ensure speed reduction. In cases where speed reduction cannot effectively reduce fugitive dust, the contractor shall divert traffic to nearby paved areas.
13. The contractor shall ensure that the construction material is covered by tarpaulin. The contractor shall take all other precaution to ensure that no dust particles are permitted to pollute air quality as a result of such storage.
14. No extra payment will be made for operation/activity mentioned at Sl. No. 1 to 13 above.



CONDITONAL & SPECIAL CONDITIONS FOR PAINTS

1. The contractors are advised to get acquainted with the proposed work and its site and also study the specification and special conditions carefully before tendering. The claim of any part shall not be entertained on account of any site conditions and ignorance of specifications and special conditions.
2. The site for the work shall be made available in parts. The contractor should programme his work accordingly.
3. In the event of any discrepancy between the additional and special conditions attached and the CPWD specifications 2009 Vol.-I & II with up-to-date correction slips the additional and special condition attached shall prevail.
4. Unless otherwise provided in the schedule of quantities, the rates tendered by the contractor shall be inclusive of all leads and lifts and shall apply to all heights and depths of the buildings and nothing extra shall be payable to him on this account.
5. The rates for all items of work shall, unless clearly specified otherwise, includes the cost of all labour, material and inputs involved in the execution of the item of work.
6. The rates quoted by the contractor shall be inclusive of all taxes and nothing extra shall be paid on any account i.e. Royalty, Cartage, Sales Tax and stacking of required places etc.
7. Approved paint, Distemper, Water Proofing Cement Paint etc. shall be brought to the site of work by the contractor from the approved manufacturers. If a company does not have retail outlet in Lucknow then the material may be brought from authorized dealer in their original containers in sealed conditions, the material shall be brought on time in adequate quantities for the whole work. The contractor shall produce necessary documentary proof / original invoice to the effect that the material has been brought from the companies retail outlet/authorized dealer. The material shall be kept in store, constructed by contractor, under double lock and key. The watch and ward of store shall be arranged by the contractor. The contractor shall be responsible for any loss & theft of store. It shall be responsibility of the contractor to get verify the store daily by Junior Engineer-in-Charge.
10. All charges in connection with the test shall be borne by the contractor.
11. Before commencement of work the contractor shall prepare sample for all items of work for approval by the Engineer-in-charge.
12. Sample of the various Items of works like white washing, distemperring, plastic emulsion, painting water proofing cement paint etc. shall be carried out by the contractor at selected locations that shall be got approved by the Department before starting of work. If the samples are rejected then no payment shall be made for the rejected samples.
13. Any damage to the building furniture, fittings or any other articles etc. done by the contractor during the execution of work shall be made good by the contractor, failing which the same shall be made good by the Engineer-in-charge at the risk and cost of the contractor.



14. All doors, Windows, Furniture and other articles shall be protected from dust, splashes and damage and sufficient covering arrangements for these articles got to be ensured by the contractor, splashes and droppings from white washing colour washing, distempering, painting etc. on walls, doors, floor and windows down take pipe, furniture shall be to removed by the contractor at his own cost and surface cleaned simultaneously after the completion of the day's work in individual room /quarter or premises.
15. The entire work shall be carried out in close co-operation with the other agencies working in the premises.
16. No payment will be made to the contractor for damages caused by rain during the execution of the work no claim on this account will be entertained.
17. It will be responsibility of the contractor to arrange security passes for the worker deployed in work, if required after obtaining necessary authorization from the Engineer-in-charge.
18. Scraping/surface preparation shall be shown to the Assistant Engineer and got approved and test check by him prior to distempering/painting etc.



LIST OF MACHINERY, TOOLS & PLANTS TO BE DEPLOYED BY THE CONTRACTOR AT SITE AS & WHEN REQUIRED

Sl. No	Name of Equipment	Numbers
1	Excavators (various sizes)	Nil
	Equipment for hoisting & lifting	
1	Tower Crane or Builder's hoist (Desirable)	Nil
	Equipment for Concrete work	
1	Semi-Automatic batching plant of sufficient capacity as per direction of Engineer-in-Charge	Nil
2	Concrete pump (Desirable)	Nil
3	Concrete transit mixer	Nil
4	Concrete mixer (diesel)	1 No.
5	Concrete mixer (electrical)	Nil .
6	Needle vibrator (electrical)	NIL .
7	Needle vibrator (petrol)	1 Nos.
8	Surface vibrator	1 Nos.
	Equipment for Building work	
1	Bar bending Machine	1 No.
2	Bar cutting machine	1 No.
3	Drilling machine	Nil
4	Welding machine i/c transformer	NIL.
5	Cube testing machines	1 No.
6	M.S. pipes	---
7	Steel shuttering	---
8	Steel scaffolding	---
9	Grinding/polishing machines	1 No.

} As per desired by Engineer-in-Charge

Equipment for transportation		
1	Tipplers	Nil
2	Trucks	Nil
Pneumatic equipment		
1	Air compressors (diesel)	Nil
Dewatering equipment		
1	Pump (diesel)	1 No.
2	Pump (electric) (Desirable)	NIL
Power equipment		
1	Diesel generator	1 No.

Note: 1. The above list is only indicative and not exhaustive. The Bidder may be required to deploy more T&P as per requirement of work.

2. All the above plants & equipment's are to be deployed as and when required or directed by Engineer-in-Charge.



LIST OF PREFERRED MAKES FOR CIVIL WORKS

S. No.	Material description	Approved Manufacturer / Brand Name
1	Cement (PPC/OPC)	ACC, Ultratech, Vikram, Shree cement, Ambuja, JK cement, Century Cement, JayPee cement & Vikram Cement
2	White Cement	Birla White, J.K. White.
3	TMT bars – Fe 500D	SAIL, Tata Steel Ltd, RINL, Jindal Steel & Power Ltd and JSW Steel Ltd
4	Water proofing compounds, admixtures, plasticizer, super plasticizer, curing compounds	Fosroc, ROFF/Dr. Fixit (Pidilite Industries), CICO, Sika, BASF, Ardex Endura (Bal Endura)
5	Integral water proofing compound with cement (for plaster & mortar)	Fosroc, Conplats 421, Dr. Fixit : LW+, Sika : Sikacim, Asian Paint: Smart care vitalia & equivalent product of BASF, CICO, Ardex Endura
6	Water proofing for bathroom/toilet /balcony & other wet areas	Fosroc, Bush Bond, CICO: Tapecrete, Dr. Fixit : Pidifine 2K, Sika : Nito Bond, Asian Paints : Damp Block 2K & equivalent product of BASF, Ardex Endura
7	Crystalline water proofing compound	Fosroc : Fosroc Crystalline, Dr. Fixit : Dr. Fixit Crystalline, Sika : Sika Crystalline, Asian Paints :Crystalline Quart & equivalent product of BASF, CICO, Ardex Endura, Pentron
8	Grouts, Tile Adhesive	Latecrete, Kerokoal, BASF, Ardex Endura, Ferrous Crete.
9	Structural steel	SAIL, Tata Steel, Rashtiya Ispat Nigam Ltd. (RINL), JSW Steel Ltd., Jindal Steel & Power Ltd.
10	Polycarbonate sheet	GE Plastic, LEXAN, MG Polyplast
11	Profile steel sheet	Ezydeck of TATA, Lloyd Superdeck, JSW, Jindal
12	Particle board	Action TESA, Greenlam, Merino
13	Laminates	Action TESA, Greenlam, Century Ply, Merino, Sunmica

14	Flush door shutters	Duro, Century, Durian, Green Ply, Archidply, JAYNA (Jain Wood Industries) Note: Only ISI marked flush door shutters to be used.
15	Fire rated doors	Signum fire protection, Shakti Metdoor, NAVIAIR, Sukri, Promat International
16	False ceiling system	Armstrong, Hunter Douglas, USG Boral, Saint Gobain, Aerolite, Durlum, Interarch, Hi-steel of PR Ceiling Products
17	Plywood / Veneer	Greenply, Century, Merino, Duro, Durian
18	Melamine polish	Asian paints melamine gold, Wudfin of Pidilite, Timbertone of ICI Dulux.
19	Floor spring & door closer	Godrej, Dorma, Dorset, Kich
20	Aluminium section	Hindalco, Jindal, Indian aluminum Co.
21	Anodized aluminium hardware (Heavy Dutty)	Kilong, Alualpha, Classic, Ebco.
22	Clear / Float/Frosted/Toughen Glass/ Refractive Glass	Saint Gobain, AIS, Modiguard, Ashai Float
23	Stainless steel railing, Accessories etc.	JINDAL, Dorma, Kich, GEZE, Godrej, Hardwyn
24	SS fittings for doors & window	Jindal, Dorma, Kich, Dorset, Godrej, Ozone
25	Silicon based water repellent/weather sealant	GE Plastics, Dow Corning, Waker, BASF, Pidilite (Dr. Fixit/Roff).
26	Poly-Sulphide Sealant	Fosroc, Pidilite (Dr. Fixit/Roff), Sika, BASF
27	Mosaic tiles/Chequered Tiles	Ultra Tiles, NITCO, Hper (Mayur), Pavcon
28	Glazed Ceramic Tiles	Kajaria, Johnson, Somany, Nitco, Marbitto, AGL (Asian) Note: The tiles manufactured at mother plant to be used.
29	Vitrified Tiles (Antiskid/Matt/Glazed) (only Double charged vitrified tile permitted.)	Kajaria, RAK, NITCO, Johnson, Marbitto, AGL (Asian), Somany Note: The tiles manufactured at mother plant to be used.

30	Paver block & Kerb stone	Pavcon, Hyper Tiles/Dynamic Industries/ Maur, KK, Power, Sharda, Navya
31	Cement Based wall putty	Birla wall care, JK White, Berger, Asian Paints.
32	Oil bound washable distemper/dry distemper	Asian Paints (Professional Acrylic Distemper), Nerolac: Beauty Acrylic Distemper, Berger :Bison Acrylic Distemper, Dulux ICI : Maxilite
33	1 st quality acrylic distemper (washable/ready mix / Low VOC)	Asian paints (Tractor Aqua Lock Paint), Berger : Commando or equivalent paints of Nerolac or ICI-Dulux
34	Acrylic emulsion paints	Asian paints : (Professional Premium Interior Emulsion Paint), Nerolac : Beauty Gold, Berger : Rangoli Total Care, ICI Dulux : Super Cover
35	Plastic emulsion paint	Asian paints : (Apolite Heavy Duty Premium Emulsion Paint), Nerolac : Impression, Berger : Easy Clean, ICI Dulux : 3 in 1
36	Premium acrylic emulsion paints (Interior)	Asian paints : (Royale Luxury Emulsion), Nerolac : Impression, Berger : Silk, ICI Dulux : Velvet touch
37	Textured exterior paint	Asian paints, Nerolac, Berger Paints, Ultratech Paints, Luxture
38	Acrylic smooth exterior paint	Asian paints : (Apex/Professional Premium Exterior Emulsion), Nerolac : XL, Berger : Weather Coat, ICI Dulux : Weather Shield
39	Premium acrylic smooth exterior paint with silicon additive	Asian paints : Apex Ultima, Nerolac : XL total, Berger : Weather Coat all guard, ICI Dulux : Weather Shield max
40	Synthetic Enamel Paint	Asian paints : Apolite Premium gloss enamel, Nerolac : Synthetic Hi gloss, Berger : Luxol Hi gloss, ICI Dulux : Gloss Synthtic enamel
41	Cement Primer	Nerolac, Berger, BP white (Berger), Decoprime WT (Asian), White primer (ICI)

42	Steel primer (Red Oxide Zinc Chromate Primer)	Asion paints, Nerolac, Berger, ICI
43	Wood primer	Asian paints (wood primer – White/Pink), Berger ICI, Nerolac
44	Epoxy paint	Asian, Nerolac, Berger, ICI, Kansai Akzo Nobel
45	Fire paint	Asian paints, Akzo Nobel Coatings India Ltd., PROMAT, Jotun
46	GI/MS Pipe	Tata, Jindal (Hisar), Prakash, Surya
47	GI Fittings	Unik, AVR, Zoloto
48	HDPE Pipes	Reliance, Jain Pipes, ORIPLAST, Supreme
49	DI Pipes	Electrosteel, Jindal, TATA DUCTURA, Kapilansh, Kesoram
50	DI fittings	Electrosteel, Jindal, TATA DUCTURA, Kapilansh, Kesoram
51	UPVC pipe and fittings	Astral, Supreme, Prince, Ashirwad
52	SW Pipes (BIS approved)	Anand, Parry, Perfect
53	Centrifugally Cast (Spun) Iron Pipes & Fittings	NECO, Kapilansh, BICI, SKF
54	CI Manhole covers, frames & GI Gratings	NECO, RAJ Iron Foundary Agra, BIC, SKF, Kapilansh
55	SFRC Manhole covers & gratings	KK, JAIN, PARGATI
56	CP brass fittings	Hindware, Jaquar (ESSCO Series), Parryware, PRIMA (ISI marked), CERA, ESS, Plumber
57	Sanitary ware, fittings & accessories	Hindware, CERA, Parryware, Jaquar
58	Mirror glass	Atul, Modi Guard, Golden Fish
59	CPVC Pipe & fitting	Astral, Superme, Prince, Ashirwad
60	Stainless steel sink	Neelkanth, Niralli, Jyna
61	RCC Pipes (NP-2)	Lakshmi, Sood & Sood, Jain Pipe Co. (Newai), Mahaveer Enterprises (Newai), Work well spun pipes, Pali.

62	FRP doors shutters & frame	Jayna, Simba, Sainik
63	Extruded polystyrene insulation board	Dowcorning, Supreme, Texas, Analco
64	Heat resistant tiles	Swastick, Thermatek
65	Gypsum plaster	Ferrous Crete, Gyproc Saint Gobain, Ultra Tech
66	Floor hardener	Ironite, Ferrok, Hardonate
67	Modular Expansion Joint	Herculus, Sanfield India Ltd. Vexcolt
68	Glass Wool	Dow Corning, UP Twiga, Isover
69	UPVC doors and window hardware	Rotto, Dorest, Kinlong
70	AAC block Adhesive	UltraTech, Ardex Endura, Ferrous Crete
71	SWR PVC Pipe	Astral, Supreme, Ashirvad
72	MS Steel	Tata, Jindal, JSW

[Handwritten Signature]
18/5/2020

**Deputy Commandant (Engineer)
Sector Hqrs, SSB Lakhimpur Kheri**

**CONTRACT FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF
WATER PROOFING WORKS**

(BASEMENT/LOWER GROUND FLOOR/UNDER GROUND TANK/ROOF)

_____ The Agreement made this _____ day of _____ Two thousand and _____ between _____ son (hereinafter called the Guarantor of the one part) and the PRESIDENT OF INDIA (hereinafter called the Government of the other part).

WHEREAS THIS agreement is supplementary to a contract (hereinafter called the contract) dated _____ and made between the GUARANTOR OF THE ONE part and the Government of the other part, whereby the contractor, inter alia, undertook to render the buildings and structures in the contract recited completely water and leak-proof.

AND WHEREAS THE GUARANTOR agreed to give a guarantee to the effect that the said structures will remain water and leak-proof for 10 (Ten) years from the date after the maintenance period prescribed in the contract.

NOW THE GUARANTOR hereby guarantees that water proofing treatment given by him will render the structures completely leak proof and the minimum life of such water proofing treatment shall be ten years to be reckoned from the date after the maintenance period prescribed in the contract.

Provided that the Guarantor will not be responsible for the leakage caused by earthquake or structural defects or misuse of roof or alteration and for such purpose:

- (a) Misuse of roof shall mean any operation which will damage proofing treatment, like chopping of firewood and things of the same nature which might cause damage to the roof.
- (b) Alteration shall mean construction of an additional storey or a part of the roof or construction adjoining to existing roof whereby proofing treatment is removed in parts.
- (c) The decision of the Engineer-in-charge with regard to cause of leakage/seepage shall be final.

During this period of guarantee the guarantor shall make good all defects and in case of any defect being found, render the building water proof to the satisfaction of the Engineer-in-charge at his cost and shall commence the work for the rectification within seven days from the date of issue of the notice from the Engineer-in-charge calling upon him to rectify the defects failing which the work shall be done by the department by some other agency contractor at the GUARANTOR's risk and cost. The decision of the Engineer-in-charge as to the cost payable by the Guarantor shall be final and binding.



That if guarantor fails to make good all defects or commits breach there under then the Guarantor will indemnify the principal and his successors against all loss, damage, cost expense otherwise which may be incurred by him by reason of any default on the part of the GUARANTOR in performance and observance of this supplementary agreement. As to the amount of loss and/or damage and/or cost incurred by the Government the decision of the Engineer-in-Charge will be final and binding on the parties.

IN WITNESS WHEREOF these presents have been executed by the Obliger _____ and by _____ and for and on behalf of the PRESIDENT OF INDIA on the day, month and year first above written SIGNED, SEALED AND delivered by OBLIGOR in the presence of:

1.....

2.....

SIGNED FOR AND ON BEHALF OF THE PRESIDENT OF INDIA BY _____ in the presence of:

1.....

2.....



TO BE EXECUTED BY THE CONTRACTOR FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF WATER SUPPLY AND SANITARY INSTALLATIONS

The agreement made this _____ day of _____ Two Thousand and _____ between _____ son of _____ (hereinafter called the GUARANTOR of the one part) PRESIDENT OF INDIA (hereinafter called the Government of the other part.) and the PRESIDENT OF INDIA (hereinafter called the GUARANTOR of the one part).

WHEREAS THIS agreement is supplementary to a contract (Hereinafter called the Contract) dated _____ and made between the GUARANTOR OF THE ONE PART AND the Government of the other part, whereby the contractor inter alla, undertook to render the work in the said contract recited structurally stable workmanship, finishing and use of sound materials.

AND WHEREAS THE GUARANTOR agreed to give a guarantee to the affect that the said work will remain structurally stable and guaranteed against faulty workmanship, finishing, manufacturing defects of materials and leakages, etc.

NOW THE GUARANTOR hereby guarantees that work executed by him will remain structurally stable after expiry of maintenance period prescribed in the contract for the minimum life of 02 (Two) year to be reckoned from the date after the expiry of maintenance period prescribed in the contract.

The decision of the Engineer-in-charge with regard to nature and cause of defect shall be final.

During this period of guarantee, the guarantor shall make good all defects to the satisfaction of the Engineer-in-charge calling upon him to rectify the defects falling which the work shall be got done by the Department by some other contractor at the Guarantor's cost and risk. The decision of the Engineer-in-Charge as to the cost, payable by the Guarantor shall be final and binding.

That if the guarantor fails to make good all the defects commits breach thereunder, then the guarantor will indemnify the principal and his successor against all loss, damage, cost expense or otherwise which may be incurred by him by reason of any default on the part of the GUARANTOR in performance and observance of this supplementary agreement. As to the amount of loss and/or damage and or cost incurred by the Government, the decision of the Engineer-in-charge will be final and binding on both the parties.

IN WITNESS WHEREOF these presents, have been executed by the obligator _____ and _____ by _____ for and on behalf of the PRESIDENT OF INDIA on the _____ day, month and year first above written.

SIGNED, sealed and delivered by OBLIGATOR in the presence of:

1. _____

2. _____

SIGNED FOR AND ON BEHALF OF THE PRESIDENT OF INDIA BY

1. _____ in the presence of:

2. _____

Form of Performance Security (Guarantee)

Bank Guarantee Bond

In consideration of the President of India (hereinafter called "The Government") having offered to accept the terms and conditions of the proposed agreement between.....and (hereinafter called "the said Contractor(s)") for the work..... (hereinafter called "the said agreement") having agreed to production of an irrevocable Bank Guarantee for Rs. (Rupees only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We, (hereinafter referred to as "the Bank") hereby undertake to pay to the Government an amount not exceeding Rs. (Rupees..... Only) on demand by the Government.
2. We,(indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the Government stating that the amount claimed as required to meet the recoveries due or likely to be due from the said contractor(s). 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. (Rupeesonly)
3. We, the said bank further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Contractor(s) shall have no claim against us for making such payment.
4. We, (indicate the name of the 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 certified 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.
5. We, (indicate the name of the Bank) further agree with the Government that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) 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(s) 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(s) or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said

Contractor(s) 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.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).
7. We, (indicate the name of the Bank) lastly undertake not to revoke this guarantee except with the previous consent of the Government in writing.
8. This 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) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

Dated theday offor.....(indicate the name of the Bank)



TECHNICAL SPECIFICATIONS

General

The materials, design and workmanship shall satisfy the relevant Indian Standard, CPWD specification, morth specifications and the Specifications contained herein and codes referred to. Where the Specifications stipulate requirements in addition to those contained in the standard codes and specifications, these additional requirements shall be approved by the Engineer-in-charge / Consultant. In case of any ambiguity, sound engineering practices shall prevail and the decision of engineer in charge in such matters shall be final

The tenderer/contractor shall arrange the necessary quality tests from the reputed laboratory for items which are not ISI marked and for any new make which is not approved as per SOR and specification and/ or if there is any doubt on the quality of ISI marked material/ approved make as per SOR. The decision of engineer in charge in this matter shall be final and binding. Material not found conforming to any of such tests shall have to be unconditionally replaced by the tenderer/contractor and any damage caused by its use be made good by him. Accordingly, the tenderer should take into consideration while quoting, the necessary expenses to be borne by the contractor on account of testing of material to be conducted as per the frequency prescribed by CPWD specifications for non ISI brands and for any make not approved as per SOR and specifications, including the providing of the samples for testing.

The detailed specifications given hereinafter are for the items of works described in the schedule of quantities attached herein, and shall be guidance for proper execution of work to the required standards. It may also be noted that the specifications are of generalized nature and these shall be read in conjunction with the description of item in schedule of quantities and drawings. The work also includes all minor details of construction which are obviously and fairly intended and which may not have been referred to in these documents but are essential for the entire occupation in accordance with standard Engineering practice.

Unless specifically otherwise mentioned, all the applicable codes and standards published by the Indian Standard Institution and all other standards which may be published by them before the date of receipt of tenders, shall govern in all respects of design, workmanship, quality and properties of materials and methods of testing, methods of measurements etc. Wherever any reference to any Indian Standard Specifications occurs in the documents relating to this contract, the same shall be inclusive of all amendments issued thereto or revision thereof, if any, up to the date of receipt of tenders.

Wherever any reference to any Indian Standard Specification occurs in the documents relating to this contract the same shall be inclusive of all amendments issued thereto or revisions thereof, if any, up to the date of receipt of tenders. In case there is no 1.5.1. specification for the particular work, such work shall be carried out in accordance with the instructions in all respects, and requirements of the Engineer-in-Charge. The work shall be carried out in a manner complying in all respects with the requirements of relevant bye-laws of the Municipal Committee/Municipal Corporation/Development Authority/Improvement Trust under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-Charge and, unless otherwise mentioned, nothing extra shall be paid on this account.



Samples of various materials, fittings, etc. proposed to be incorporated in the work shall be submitted by the contractor for approval of the Engineer-in-charge before order for bulk supply is placed.

The contractor shall take instructions from the Engineer-in-charge regarding collection and stacking of materials in any place. No unserviceable materials / malba shall be stacked such that it does not hamper the day-to-day movement of people/office staff/visitors etc.

The contractor shall maintain in perfect condition all works executed till the completion of the entire work allotted to him. Where phased delivery is contemplated, this provision shall apply to each phase.

The contractor shall give a performance/ test certificate of the entire installation(s) as per standard specifications before the work is executed and no extra payment would be made to the contractor for the same.

The contractor shall clear the site thoroughly of all scaffolding materials and rubbish etc. left out of his work and dress the site in & around the premises upto the satisfaction of the Engineer-in-charge before the work is considered as complete.

All works shall comply with relevant IS codes and CPWD standards and particular specifications.

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ANNEXURE

List of mandatory machinery, tools and plants & testing Equipment to be deployed by the contractor at site for electrical work

- | | | |
|-----|---|---------------|
| 1. | <i>Steel/Aluminum Ladder 1.5 m to 8 m.</i> | <i>1 Nos.</i> |
| 2. | <i>Chase cutting machines.</i> | <i>1 Nos.</i> |
| 3. | <i>Electrical wire drawing equipment.</i> | <i>1 Set.</i> |
| 4. | <i>Torque wrench for nut/bolt/screws.</i> | <i>2 Nos.</i> |
| 5. | <i>Conduit die set.</i> | <i>1 Set.</i> |
| 6. | <i>Pipe vice.</i> | <i>1 No.</i> |
| 7. | <i>Bench vice.</i> | <i>1 No.</i> |
| 8. | <i>L.T.Megger 500/1000 volts.</i> | <i>1 No.</i> |
| 9. | <i>Tong Tester.</i> | <i>1 No.</i> |
| 10. | <i>Multimeter.</i> | <i>1 No.</i> |
| 11. | <i>Hydraulically operated & hand
operated crimping machine.</i> | <i>1 No.</i> |
| 12. | <i>Earth tester.</i> | <i>1 No.</i> |
| 13. | <i>Portable Ordinary drilling machine.</i> | <i>1 Nos.</i> |
| 14. | <i>Portable Hammer drilling machine.</i> | <i>1 Nos.</i> |
| 15. | <i>Overhead conduit puller.</i> | <i>1 No.</i> |

ADDITIONAL SPECIFICATION FOR ELECTRICAL WORK.

1. The work shall be carried out strictly in accordance with CPWD General Specifications for Internal Electrical Works 2013 and in accordance with Indian Electricity Rules, 1956, Indian Electricity Act, 2003 as amended upto date and as per instructions of the Engineer-in-Charge including as below and nothing will be paid extra.

(a) All material shall be got approved from Engineer-in-Charge before use. One sample flat/Bay shall be made for approval of final location of switch boards/fittings etc. and then only work shall be executed in other flats/bays.

All damages done to the building during execution of Electrical work shall be the responsibility of the contractor and the same will be made good immediately at his own cost to the satisfaction of the Engineer-in-Charge. Any expenditure incurred by the department in this condition shall be recovered from the contractor and decision of the Engineer-in-Charge about recovery shall be final.

(b) All hardware items such as screws, thimbles, 6.1. wires etc. which are essentially required for completing an item as per specifications will be deemed to be included in the item even when the same have not been specifically mentioned. All hardware materials such as nuts/bolts/screws/washers etc. to be used in the work shall be zinc/cadmium plated iron.

(C) CONDUIT LAYOUT shall be prepared by contractor and got approved before execution of work. In case contractor does not do so before start of work, recovery @2(two)% of tendered amount of I.EL. works shall be made from the bill. Minimum No.of Junctions to be kept, & if required junctions to be kept underneath the fitting locations in corridor/rooms so that junctions are not visible after fittings are fixed/in position. Drop of conduit shall be well planned w.r.t. location of fitting/D.B. and criss crossing to be avoided. **All chases in walls shall be cut using electrical chisels/cutters.** For this purpose electricity shall be arranged by contractor. In case contractor fails to do chase cutting by electrical chisels/cutters and resorts to manual methods, a recovery of Rs.50/- per point shall be made from contractor's bill.

Whenever point wiring items is executed in casing capping system PVC box of PRESTOTEAK or equivalent make shall be provided in place of MS box.

In case cable in the lift shaft is also to be fixed, contractor shall have to liaison with CIVIL/Lif agency to make use of the scaffolding provided by them.

(d) Any conduit which is not to be wired by the contractor shall be provided with Gt fish wire for wiring by some other agency subsequently. Nothing extra shall be paid for the same.

Copper wire upto 4sqmm may be single stranded or multi stranded whereas wires above 4 sqmm shall be multi-stranded conductor. Termination of multi-stranded conductors shall be done using crimping type thimbles at both the ends. Nothing extra shall be paid for the same.

(e) All metal boxes to be applied primer and painted, then only should be installed else recovery @Rs.20/- per point should be made from contractor's bill. Boxes shall have socket arrangement for tightening screws, instead Shople boles M.S.sheet. Boxes shall be again painted at the time of wiring.

- (f) For Submain Wiring Colour Code for different phases and Neutral (RY.B. black) to be maintained. While circuit wiring, wiring for fan point, wiring for light point shall be done with different colours for easy identification. Wiring for neutral shall be done with black colour and all connections to fans & fittings wherever visible shall be made with white PVC insulated copper wire or wherever cover sleeve may be provided. At Switch board, Switch shall be fixed in a logical manner w.r.t. fittings layout.
- (g) Unless specifically approved by Executive Engineer, loose wire box, above DB shall not be provided however DB's shall have loose wire box of same make.

All connections to MCB's shall be made using thimble/lugs.

All DB's i/c incoming & outgoing MCB's shall be suitably numbered with PAINT for location/circuits. DB shall be fixed in recess suitably (30 mm. approx. projected from unplaster wall) to ease opening of door. Top of DB to match with door frame height as per site conditions.

- (h) Phenolic laminated sheet shall be of Egg white colour, and shall be filed/rounded at edges and of minimum 3mm thick.

- (i) All fittings and fans should be properly earthed through the protective conductor.

Provision of earth bars in main boards, earth terminal block in DB's & earth studs in all metal boxes shall be made, connection to this stud shall be crimped.

A clamp type termination should be made in the termination of earth strips (where provided) to pipe electrodes to provide surface type contact.

- (j) The earthing shall be carried out in the presence of the Engineer-in-charge or his authorized representative.
- (k) The size at switch box for providing Modular Plate type Switch/Socket shall be properly settled to take care of all necessary switches/screws/fan regulators. Blanking plate if required shall also be provided at no extra cost.
- (l) For point wiring in steel conduit all piano type switch or all modular type switches/sockets/telephone outlets/T.V.outlets shall be of only one make.
- (m) Whenever supply items like fans & fittings etc. are also included in the Schedule of work, such items shall be executed only after completion of at least 75% of the wiring items.
- (n) The contractor shall make his own arrangement at his own cost for electrical/ general tools and plants required for the work.

2. The work shall be carried out according to approved drawings/details which shall be subsequently issued to the successful tenderer for execution of work and as per instructions of the Engineer-in-Charge who will have the right to change the layout as per requirement at site and the contractor shall not have any claim due to change in layout.

The work shall be carried out in engineering like manner. The bad workmanship will not be accepted and defects shall be rectified at contractor's cost to the satisfaction of the Engineer-in-Charge. The programme of electrical works are to be co-ordinated in accordance with the building work and no claim for idle labour will stipulate in the tender, electrical work shall have to be completed alongwith completion of civil work.

All the debris of the electrical works should be removed and the site should be cleared by the contractor immediately after the accruing of debris. Similarly, any rejected material should be immediately cleared off from the site by the contractor.

Watch and ward of the material/equipment shall be the responsibility of the contractor till handing over of installation to the department.

The contractor or his representative is bound to sign the site order book as and when required by the Engineer-in-Charge and to comply with the remarks therein.

- 3- The entire installation shall be at the risk and responsibility of the contractor until these are tested and handed over to the department. However, if there is any delay in construction from the department side, the installation may be taken over in parts, but the decision on the same shall rest with Engineer-in-Charge which shall be a binding on the contractor.

Some of the items of work, if already executed on that case the successful tenderer shall have to use these items for completing the work. For wiring, the existing conduit wherever required shall be used by the contractor. The recovery will be made for these items as accepted rate of similar items.

4. The secured advance as applicable shall be allowed.

5. Test Certificate Test certificate for the work carried out shall also be submitted by the contractor.

6. Panels: Drawing of panel shall be submitted for approval within 30 days from award of work and fabrication to be taken up only after approval of such drawing. Before painting proper surface, treatment shall be done and then powder coated. These shall be offered for inspection during fabrication.

- 7- Quantities indicated in Schedule of work are only tentative, contractor shall consult AE-in-Charge before procurement, Payment shall be made only for the quantities actually executed and measured.

8. Recovery on account of existing conduit in ceiling/wall @ of quoted rate against agreement item shall be made which to be used by the contractor,

- 9- Time Period: Contractor has to plan his activities, so that electrical work is to be carried out



in close co-ordination with CIVIL work and in no case CIVIL work be delayed because of delay in electrical work and the work has to be completed according

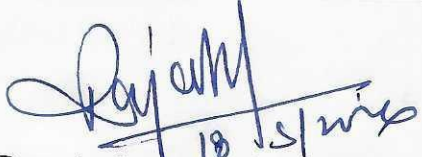
- 10- The makes for items shall be as per list attached.
- 11- Storage: - Responsibility for storage space for execution of work shall be of main contractor.
- 12- Power & Water Supply: - Responsibility for supply of power & water for execution of work shall be of main contractor.
- 13- Material to be used in the work shall be ISI marked as applicable. The material in required quantity to be used in the work shall be got approved from the Engineer-in-charge before its use at site. The Engineer-in-charge shall reserve the right to instruct the contractor to remove the material which, in his opinion, is not as per specifications.
- 14- Contractor shall preserve the copies of invoices, test certificates, gate passes etc. to prove the genuineness of material/purchases. The responsibility of procurement, genuine material of specialized works shall rest with the contractor.
- 15- Contractor is advised to visit site before quoting rates for determining site conditions. No claim or argument shall be entertained in this regard at later stage.
- 16- No inspection outside the country is permissible if required so the same will be deemed to be waived off and necessary test reports shall be submitted before the dispatch of equipment.



S. N.	ITEMS	MAKES
1	MS Conduit (ISI marked) with heavy duty MS conduit pipe accessories	BEC / AKG / NIC / RMCON (Note the make of accessories will be same that of conduit pipe and will comply to IS/4768 part-II 2003)
2	PVC Conduit (ISI marked) with heavy duty PVC conduit pipe accessories	AKG / Norpack / BEC / Poly pack
3	PVC / XLPE insulated aluminium / Copper conductor armoured / Unarmoured MV Cables up to 1100 V	Havells / Finolex / KEI / Polycab / Gloster
4	FRLS PVC insulated copper conductor stranded flexible wires i/c control cables	Havells / Finolex / KEI / Polycab / Gloster
5	Cable Raceway Floor / wall mounted and accessories	Schenider / Legrand / Cooper / Honeywell / MK
6	Modular Switch & Socket	Legrand (Mylinec) / Schneider (Opel) / Havells (Athna) / M.K. (Midas).
7	Metal clad Industrial Socket	Legrand / Siemens / Schneider / L&T
8	Cat-6 Cable	Beldon / Siemon / Legrand / Pannet
9	Cable Glands	Dowells / Commet / Gripwell / Raychem
10	Crimp Patch Cord	Beldon / Siemon / Legrand / Pannet
11	Protection Device (MCB)	Siemens (Betagard), / Hager / Schneider (Acti9) / Legrand (DX 3)
12	DB	Legrand / Hager -Novello / Schneider-Acti9 / Siemens (Beta Guard)
13	MCCBs	Siemens (3VA) / L&T (D sine) / Schneider (NSX) / Legrand (DPX 3) / Hager.
14	Power contactor	Siemens (Sicop), / L&T (MNX) / Schneider (TesyS) / Legrand (CTX 3) / ABB (AF)
15	Surge Protection Devices	Siemens / L&T / Schneider (Acti 9) / Legrand
16	Panel Accessories	Siemens / L&T / Schneider / Legrand / Tecnic / ABB
17	Selector Switch	Salzer / Seimens / BCH / Kacee / ABB
18	Auxiliary Relays	Siemens / L&T / Schneider / Legrand / ABB
19	LED Lighting Fixture	Philips / Lighting Technologies / Trilux
20	Bollard / Postop lantern / Emergency Lighting / Exit Sign boards	Philips / Havells / Lighting Technologies / Trilux / Prolite

21	Ceiling Fan (ISI marked & BEE rated 5 Star)	Havells / Almonard / Orient /Usha
22	Exhaust Fan.	Orient/Havell's/Almonard
23	Paint	Nerolac / Asian / Berger
24	Advance Lightning Protection System (Early Streamer Emission Type)	LPI(Australia)- by allied power / SGI (Duval Messien)/satellite (France) –by SGI / Bradlay (USA)-By JMV / Erico(USA)- by security shoppe
25	G.I. Pipe	Tata / Jindal / SAIL
26	Panels / Feeder Pillar	Tricolite Electric Industries Pvt. Ltd/Advance Panel and Switchgears Pvt. Ltd/Prestine/Neptune/Sudhir Power Ltd/ Advance Power Control System Pvt. Ltd/Control & Switchgears Pvt Ltd./Milestone.
27	Air Circuit Breaker	Siemens (3WL-ETU 45B) / Schneider (Master Pact NW – 7.0A) / L&T (U power omega – MTX 3.5) / Legrand (DMX 3 MP4 LSIG)
28	Surge Voltage Protection	Siemens / Schneider/ L&T/Legrand
29	Earth fault module	Siemens / Schneider/ L&T/Legrand
30	Protection relays	Siemens / Areva / L&T/Legrand
31	C.Ts and PTs	Kappa/ AE / Matrix
32	Digital Meters	Siemens (PAC) / Schenider (Conzerve) / Secure / Enersol/L & T.
33	Change Over Switch	L&T/ HPL / Socomec
34	Indicating lamps	ESBEE / Schneider / Siemens /Vaishno
35	Power Capacitors	Epcos / Naptune/ /Legrand
36	Automatic Power factor correction relay/ controller	Epcos / Siemens (PAC) / Schneider (Conzerv)/ L & T.
37	Sealed Maintenance Free Batteries	Exide / Panasonic / Hitachi / Shinkobe
38	Battery Charger	Caldyne / Chhabi Electricals / Statcon / Max Power
39	Cable Trays (Factory Fabricated) / Overhead & Floor Raceways	Legrand / MEM / OBO
40	HDPE underground cable duct	Rex Polyextrusion / Plasomatics / Duraline/ Tripati
41	Insulating Mats	DL Miller & Co. Ltd. / Premier Polyfilm Ltd. / RMG Polyvinyl India Ltd/ Jyoti
42	PUMP	Grundfos / Armsstrong
43	MOTOR	Grundfos / Armsstrong
44	SINGLE PHASE PREVENTOR	MINILEC/L&T/SIEMENS.
45	Piano Switches/ Sockets/ T.V./Telephone Outlet	Anchor/Rider/Leader /Siemens/Havells.

46	Call bell/Buzzer	Legrand/Siemens/L&T/ Moeler/ M.K./Anchor/ Havells/Philips.
47	WTAC / Split Type AC	O-general /Daikin / Toshiba / Mitsubishi
48	Voltage stabilizer	V-gaurd / Blue bird / Blue line/Selvon
49	Timer	L&T / Legrand / Siemens


18/5/2018
Deputy Commandant (Engineer)
Sector Hqrs, SSB Lakhimpur Kheri

SITE VISIT REPORT

To,

The Deputy Commandant (Engineer)
SHQ SSB Lakhimpur Kheri

Subject: Site visit report for construction of Infrastructure including development works at BOP Bandaria of 70th Bn Lakhimpur Kheri- II under Frontier Lucknow.

Sir,

This has reference to the above-mentioned tender for construction of infrastructure including development works at BOP Bandaria of 70th Bn, Lakhimpur Kheri-II under Frontier Lucknow.

I/We hereby declare that I/We have visited the site in the presence of SSB Officer/Officials.

I/We have acquainted ourselves with the site conditions, approach road to the site, requirements of tender conditions, and all other relevant aspects connected with execution of the work.

I/We have verified all details required for execution of the project. I/We have no difficulty in undertaking the project and shall complete the same within the stipulated time period.

Thanking you,

Dated:

Yours' faithfully

**(Signature of Bidder with seal)
Name of Bidder**

Signature of SSB representative

