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प्रेशक,
अधिशायसी अभियन्ता,
सिंचाई निर्माण खण्ड, मेरठ

सेवा में,

निदेशक
सूचना एवं जनसम्पर्क विभाग,
उत्तर प्रदेश, लखनऊ।

पत्रांक :-1516/सि0नि0खं0,मे0/टी- 8

दिनांक : 08.09.2017

विषय :- ई-टेण्डरिंग हेतु अल्पकालीन निविदा सूचना संख्या-01/ई0ई0/2017-18 के प्रकाशन के सम्बन्ध में।

महोदय,

ई-टेण्डरिंग हेतु अल्पकालीन निविदा सूचना संख्या 01/ई0ई0/2017-18 की 6 प्रतिया सी0डी0 सहित इस आ आ से प्रेशित है कि इन्हें स्थानीय प्रचलित प्रकाशन होने वाले हिन्दी के किन्ही दो समाचार पत्रों में दिनांक 18.09.2017 से पूर्व प्रकाशन कराने का कष्ट करें।

संलग्नक :- यथोक्त सी0डी0 सहित।

भवदीय

अधिशायसी अभियन्ता
सिंचाई निर्माण खण्ड, मेरठ

पत्रांक :-1516/सि0नि0खं0,मे0/तदिनांक: 08.09.2017

प्रतिलिपि निम्नलिखित को निविदा सूचना की प्रति सहित सूचनार्थ एवं आवेक कार्यवाही हेतु प्रेशित है :-

- 1- मुख्य अभियन्ता (गंगा), सिंचाई एवं जल संसाधन विभाग, उत्तर प्रदेश, मेरठ।
- 2- अधीक्षण अभियन्ता, गंगा नहर संचालन मण्डल, मेरठ/प्रथम मण्डल सिंचाई कार्य, मेरठ/ड्रेनेज मण्डल, मेरठ/मध्य गंगा नहर निर्माण मण्डल-प्रथम, मेरठ।
- 3- जिलाधिकारी, मेरठ।
- 4- वरिष्ठ पुलिस अधीक्षक, मेरठ।
- 5- अधीक्षण अभियन्ता, कम्प्यूटर केन्द्र कार्यालय प्रमुख अभियन्ता, सिंचाई विभाग, उत्तर प्रदेश, लखनऊ सी0डी0 सहित।
- 6- अधिशायसी अभियन्ता, ड्रेनेज खण्ड- प्रथम, मेरठ/मेरठ खण्ड गंगा नहर, मेरठ/अनूप नहर भाखा खण्ड गंगा नहर, मेरठ/अनुसंधान एवं नियोजन (ज0स0) खण्ड, मेरठ/नलकूप खण्ड पूर्व, मेरठ/मुजफ्फरनगर गंगा नहर खण्ड, मु0नगर।
- 7- थानाध्यक्ष, दौराला, जनपद मेरठ।
- 8- नोटिस बोर्ड।

अधिशायसी अभियन्ता
सिंचाई निर्माण खण्ड, मेरठ

**कार्यालय अधिासी अभियन्ता
सिंचाई निर्माण खण्ड, मेरठ**

ई-टेंडरिंग हेतु अल्पकालीन निविदा सूचना संख्या-01/ई0ई0/2017-18

महामहिम राज्यपाल उत्तर प्रदेश की ओर से निम्नलिखित कार्य हेतु आन लाईन निविदायें (<http://etender.up.nic.in>) के माध्यम से सिंचाई विभाग में वर्गीकृत श्रेणी में पंजीकृत ठेकेदारों से दिनांक: 25.09.2017 की पूर्वान्ह में 11 बजे तक कार्यालय अधिासी अभियन्ता, सिंचाई निर्माण खण्ड, मेरठ में आमन्त्रित की जाती है जो उसी दिनांक 25.09.2017 को अपरान्ह 2.00 बजे तक अधोहस्ताक्षरी के कार्यालय कक्ष में मुख्य अभियन्ता (गंगा) सिंचाई विभाग, उ0प्र0, मेरठ द्वारा गठित समिति के सदस्यों द्वारा आन लाईन खोली जायेगी।

आनलाईन निविदा के साथ सिंचाई विभाग की निर्धारित श्रेणी में पंजीकृत प्रमाण पत्र जिलाधिकारी द्वारा निर्गत चरित्र प्रमाण पत्र (आई0डी0टी0-1), हैसियत प्रमाण पत्र (आई0डी0टी0-2) तथा स्वघोषणा पत्र (आई0डी0टी0-3), श्रम विभाग द्वारा जारी पंजीकरण प्रमाण पत्र की स्कैण्ड प्रतियाँ, धरोहर धनराशि की एफ0डी0आर0/एन0एस0सी0 जोकि अधिशासी अभियन्ता, सिंचाई निर्माण खण्ड, मेरठ के पक्ष में बन्धक होगी, की स्कैण्ड प्रति ऑनलाईन निविदा के साथ अपलोड करना अनिवार्य होगा अन्यथा निविदा स्वीकार नहीं की जायेगी। एक या समस्त निविदाओं को बिना कारण बताये निरस्त करने का पूर्ण अधिकार अधोहस्ताक्षरी होगा।

क्र0 सं0	कार्य का नाम	कार्य की अनुमानित लागत (लाख रू0 में)	धरोहर राशि (लाख रू0 में)	कार्य पूर्ण करने अवधि	निविदा प्रपत्र का मूल्य जी0एस0टी0 सहित	पंजीकरण श्रेणी
1	ऊपरी गंगा नहर के बांये किनारे पर कि0मी0 42.250 से कि0मी0 42.530 मे हो रहे कटान की रोकथाम का कार्य।	24.00	2.40	15 दिवस	354.00	बी एवं उच्चतर
2	ऊपरी गंगा नहर के बांये किनारे पर कि0मी0 52.450 से कि0मी0 52.500 मे हो रहे कटान की रोकथाम का कार्य।	4.40	0.45	15 दिवस	177.00	सी एवं उच्चतर
3	ऊपरी गंगा नहर के बांये किनारे पर कि0मी0 71.310 से कि0मी0 71.410 मे हो रहे कटान की रोकथाम का कार्य।	9.30	0.95	15 दिवस	266.00	सी एवं उच्चतर
4	ऊपरी गंगा नहर के दांये किनारे पर कि0मी0 71.310 से कि0मी0 71.450 मे हो रहे कटान की रोकथाम का कार्य।	13.80	1.40	15 दिवस	266.00	सी एवं उच्चतर
5	ऊपरी गंगा नहर के दांये किनारे पर कि0मी0 72.000 से कि0मी0 72.150 मे हो रहे कटान की रोकथाम का कार्य।	12.50	1.25	15 दिवस	266.00	सी एवं उच्चतर
6	ऊपरी गंगा नहर के बांये किनारे पर कि0मी0 74.930 से कि0मी0 75.000 एवं दांये किनारे पर कि0मी0 74.930 से कि0मी0 75.000 में हो रहे कटान की रोकथाम का कार्य।	10.35	1.05	15 दिवस	266.00	सी एवं उच्चतर
7	ऊपरी गंगा नहर के दांये किनारे पर कि0मी0 75.100 से कि0मी0 75.300 मे हो रहे कटान की रोकथाम का कार्य।	16.90	1.70	15 दिवस	354.00	सी एवं उच्चतर
8	ऊपरी गंगा नहर के पावर चैनल के बांये किनारे पर कि0मी0 68.360 से कि0मी0 68.435 पर निरगाजनी के समीप बर्म कटिंग का कार्य।	6.70	0.70	15 दिवस	266.00	सी एवं उच्चतर
9	ऊपरी गंगा नहर के पावर चैनल के बांये किनारे पर कि0मी0 68.050 से कि0मी0 68.340 पर निरगाजनी के समीप बर्म कटिंग का कार्य।	30.15	3.15	15 दिवस	354.00	बी एवं उच्चतर
10	ऊपरी गंगा नहर के दांये किनारे पर कि0मी0 65.500 से कि0मी0 65.900 एवं कि0मी0 68.100 से 68.340 पर बर्म कटिंग का कार्य।	15.20	1.55	15 दिवस	354.00	सी एवं उच्चतर

11	ऊपरी गंगा नहर के पावर चैनल के दांये किनारे पर कि०मी० 67.750 से कि०मी० 68.340 पर निरगाजनी के समीप बर्म कटिंग का कार्य।	18.10	1.85	15 दिवस	354.00	सी एवं उच्चतर
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नियम व शर्तें :-

- 1- यह निविदा सूचना उ०प्र० सरकार की वैबसाईट (<http://etender.up.nic.in>) तथा सिंचाई विभाग की वैबसाईट (<http://www.idup.upgovt.in>) पर उपलब्ध है।
- 2- सिंचाई विभाग की वैबसाईट (<http://etender.up.nic.in>) से दिनांक 18.09.2017 की पूर्वाह्न: 10:00 बजे से दिनांक 20.09.2017 अपराह्न: 4:00 बजे तक निविदा प्रपत्र डाउनलोड एवं दिनांक 21.09.2017 की अपराह्न: 3:00 बजे से दिनांक 25.09.2017 की पूर्वाह्न: 11:00 बजे तक अपलोड की जा सकेगी।
- 3- प्रत्येक निविदा दाता को रू० 100.00 मात्र का जूडिशियल स्टाम्प पेपर पर रू० 1.00 मात्र का रसीदी टिकट लगाकर अनुबन्ध लिखना होगा कि निविदा दरें 90 दिवस तक मान्य होगी। इससे पहले ऑफर वापस लेने पर धरोहर राशि जब्त कर ली जायेगी। निविदा में वर्णित प्रमाण पत्रों के साथ साथ धरोहर राशि निविदा प्रपत्र मूल्य का डिमाण्ड ड्राफ्ट की स्कैण्ड कॉपी निविदा के साथ अपलोड करनी अनिवार्य होगी।
- 4- निविदा/बिड की विस्तृत शर्तें निविदा प्रपत्र के साथ उपलब्ध होगी।
- 5- निविदा दाता को निविदा प्रपत्रों की हार्ड कॉपी के साथ अधिशासी अभियन्ता, सिंचाई निर्माण खण्ड, मेरठ के पक्ष में राष्ट्रीयकृत बैंक से निर्गत धरोहर धनराशि की एफ०डी०आर०, टेण्डर विक्रय मूल्य जी०एस०टी० सहित का ड्राफ्ट, (आई०डी०टी०-1, आई०डी०टी०-2 एवं आई०डी०टी०-3) निर्धारित श्रेणी का पंजीकृत प्रमाण पत्र मूलरूप में अधोहस्ताक्षरी के कार्यालय में दिनांक 22.09.2017 को अपराह्न: 3:00 बजे तक जमा करना अनिवार्य होगा अन्यथा उनकी निविदा अन्य Unresponsive मानते हुए कोई विचार नहीं किया जायेगा।
- 6- कोई भी निविदा दाता जो राज्य सरकार द्वारा काली सूची में दर्ज हो, वह निविदा प्रक्रिया में भाग नहीं ले सकेगा।
- 7- राज्य बार कान्सिल में पंजीकृत कोई भी अधिवक्ता निविदा प्रक्रिया में भाग न ले सकेंगे। अनुबन्ध गठित होने के बाद भी यदि कोई तथ्य संज्ञान में आता है तो समाधान एवं संतुष्टि की दशा में ऐसे अनुबन्ध को सक्षम अधिकारी द्वारा सकारण आदेश प्रस्थापित कर तत्काल निरस्त कर दिया जायेगा।
- 8- ज्वॉइन्ट वेंचर की निविदा किसी भी दशा में स्वीकार नहीं की जायेगी।
- 9- निविदा दाता द्वारा विभागीय लागत से कम लागत की निविदा डालने की दशा में भासनादे 1 संख्या-622/23-12-2012-2 आडिट/08 टी०सी०-2, दिनांक 08.06.2012 के अनुसार 10 प्रति ात तक बिलो दरें (Below Rates) प्राप्त होने पर 0.50 प्रति ात प्रति 1 प्रति ात कम दर पर तथा 10 प्रति ात से अधिक बिलो दरें (Below Rates) पर 1.00 प्रति ात प्रति 1 प्रति ात कम दर पर परफोरमेन्स गारन्टी की अतिरिक्त धरोहर धनराशि जमा कराने के उपरान्त अनुबन्ध गठित किया जायेगा। निविदा दाता द्वारा उक्त धनराशि जमा न किये जाने पर उसकी धरोहर धनराशि जब्त कर ली जायेगी।
- 10- कार्य स्थल की आवश्यकतानुसार कार्य की मात्रा घटायी/बढायी अथवा परिवर्तित की जा सकती है, जिसके लिए ठेकेदार का कोई क्लेम मान्य नहीं होगा।
- 11- Technical Evaluation by Tender Committee will be done, Comparative chart would be prepared & Award of contract will be available as per sanction.
- 12- विशिष्ट परिस्थितियों में निविदा खोलने की तिथि/समय में यदि कोई परिवर्तन होता है तो इसकी सूचना नोटिस बोर्ड के माध्यम से उपलब्ध करा दी जायेगी।
- 13- यदि कोई निविदादाता निर्धारित विधि एवं प्रक्रिया के विरुद्ध अनुबन्ध करने हेतु सक्षम प्राधिकारी पर दबाव/असम्यक असर डालता है तो प्रश्नगत निविदादाता के न्यूनतम निविदा की स्थिति में भी उसकी निविदा निरस्त की जा सकती है।
- 14- यह संज्ञान में आने पर कि किसी निविदादाता द्वारा किसी अन्य सम्भावित निविदादाता को इस निविदा प्रक्रिया में भाग लेने एवं निविदा डालने से रोका गया हो या धमकी दी गई हो तो ऐसे

ठेकेदार के साथ यदि अनुबन्ध हो भी गया हो, तो उसके साथ किया गया अनुबन्ध निरस्त किया जा सकता है।

- 15- प्राप्त सभी निविदा प्रपत्रों का पहले यह परीक्षण किया जायेगा कि निविदादाता ने IDT-1, IDT-2, IDT-3 तथा निर्धारित प्रतिभूति धनराशि एवं अनुभव प्रमाण-पत्र व अन्य प्रपत्र मूल रूप में ठीक-ठीक उपलब्ध कराये हैं या नहीं। इनमें किसी प्रकार की कमी या असंतोषजनक होने की स्थिति में उक्त निविदादाताओं द्वारा दी गई दरें तुलनात्मक विवरण में अंकित नहीं की जायेगी।
- 16- सम्पूर्ण निविदा प्रक्रिया सिंचाई विभाग, उत्तर प्रदेश के प्रचलित नियमों व शासनादेशों के अनुरूप की जायेगी।
- 17- इस निविदा को पूर्ण या आंशिक रूप से निरस्त करने का अधिकार बिना कारण बताये अधोहस्ताक्षरी के पास सुरक्षित रहेगा।
- 18- निविदा दाता को यू0पी0 इलेक्ट्रॉनिक्स कॉर्पोरेशन लि0, लखनऊ में ई-टेन्डरिंग हेतु पंजीकृत होना अनिवार्य है।
- 19- अनुबन्ध के समय ठेकेदार से इस आशय का घोषणा पत्र लिया जायेगा कि उनके द्वारा अनुबन्ध को सबलैट नहीं किया जायेगा।
- 20- बीजक से आयकर, जी0एस0टी0, लैबर सैस एवं रॉयल्टी की नियमानुसार कटौती की जायेगी।
- 21- एक निविदादाता केवल एक ही निविदा खरीद व डाल सकेगा व सशर्त निविदा किसी भी दशा में मान्य नहीं होगी।
- 22- अनुबन्ध गठित होने के पश्चात भी यदि यह तथ्य संज्ञान में आता है कि किसी भी स्तर का उल्लंघन किया गया है तो ऐसे अनुबन्ध को सक्षम अधिकारी द्वारा सकारण आदेश प्रख्यापित कर निरस्त किया जायेगा।
- 23- कार्यस्थल के निकट अवस्थित सिंचाई एवं जल संसाधन विभाग, लोक निर्माण विभाग तथा अन्य विभागों की संरचनाओं की सुरक्षा का पूर्ण दायित्व ठेकेदार का होगा। सभी संरचनाओं की सुरक्षा हेतु निर्देश मानने के लिए ठेकेदार बाध्य होगा अन्यथा की स्थिति में क्षतिपूर्ति का पूर्ण उत्तरदायित्व ठेकेदार का होगा।
- 24- निविदा प्रपत्र पूर्ण रूप से भरा न होने पर उक्त निविदादाता की निविदा निरस्त कर दी जायेगी।
- 25- निविदादाता द्वारा निविदा डालते समय प्रक्रिया की पूर्ण जानकारी अथवा अन्य किसी कारण से शर्तों को पूर्ण न कर पाने/बाधित हो जाने के कारण निविदा न पडने पर विभाग की कोई जिम्मेदारी नहीं होगी।
- 26- निविदा खोले जाने के समय केवल पंजीकृत निविदा दाता अथवा उनके अधिकृत प्रतिनिधि को ही कार्यालय परिसर में प्रवेश करने का अधिकार होगा।

अभियन्ता

अधिासी

सिंचाई निर्माण खण्ड, मेरठ

(To be filled by the Tenderer)

1. Name of Tenderer :-
2. Permanent Address:-
3. Present Postal Address :-
4. State if you are approved Contractor of the C.P.W.D., State P.W.D., State Irrigation Department, Railway and/ or M.E.S. and if so, copy of class certificate No. should be attached.
5. Particulars of previous contract successfully executed should be entered in the form below:-

Sl. No.	Name of Department	Name & Description of work	Value Rs.	Period of execution	
				From	To
1	2	3	4	5	6

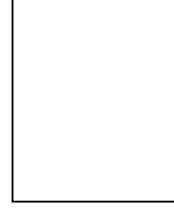
6. Reference/Certificate from your Bankers about your financial position should be attached.
7. List of machinery and equipment which you intend to use on this work to be given in attached Proforma- I.
8. In case tenderer is a firm, enclose photo state /attested copy of partnership deed & Certificate or registration of firm.
9. Certificate :
(a) I/We am/are not debarred from tendering for contracts of central/state Govt. departments.

I/We hereby certify that information given above is correct. If at any stage, it is found to be incorrect, I/We understand that the contract will be liable to be terminated/ rescinded and action could be taken against me/us by the department.

SIGNATURE OF TENDERER

स्वघोशणा भापथ-पत्र

(निविदा प्रपत्र के साथ भापथ पत्र मूलरूप में संलग्न किये जाने हेतु)
 मैं पुत्र श्री निवासी
 (स्थायी पता) (अस्थायी पता)
का निवासी हूँ । मैं भापथपूर्वक निम्न
 घोशणा करता हूँ ।



1. मैं सिंचाई विभाग का एए/ए/बी/सी/डी श्रेणी का पंजीकृत ठेकेदार हूँ / नहीं हूँ ।
 (विभाग द्वारा निर्गत श्रेणी संबंधी प्रमाण-पत्र संलग्न किया जाय) मेरे पास पर्याप्त चल और
 अचल सम्पत्ति है और व्यवसायिक रूप से मैं सिंचाई विभाग के कार्यों को पूरा करने के
 लिए सक्षम और समर्थ हूँ । मेरे पास आव यक म िने और उपकरण आदि भी है तथा
 मुझे इस कार्य का पर्याप्त अनुभव है ।
2. सिंचाई विभाग द्वारा जो (कार्य का विवरण लिखा जाय) कराने की निविदा
 निर्गत की गयी है उसके लिए मैं विभाग द्वारा निर्धारित प्रारूप पर निविदा भर रहा हूँ ।
3. मेरे द्वारा दिये जा रहे प्रमाण-पत्र चरित्र प्रमाण-पत्र/हैसियत प्रमाण-पत्र/आयकर
 प्रमाण-पत्र/व्यापार कर प्रमाण-पत्र/बीड सिक्योरिटी प्रमाण-पत्र/बीड कैपिसिटी
 प्रमाण-पत्र/जमानत धनराशि आदि का प्रमाण-पत्र अन्य सुसंगत अभिलेख आदि मूलरूप
 में निविदा पत्र के साथ संलग्न कर दिये गये है ।
4. मेरा पै नं0 है तथा आयकर विभाग द्वारा प्रदत्त नवीनतम आयकर
 प्रमाण-पत्र संलग्न है ।
5. मेरे विरुद्ध अपराधिक मुकदमों का विवरण निम्न प्रकार है । यहां पूरा विवरण दिया जाय ।
 1- मुकदमा नम्बर
 2- धारायें
 3- थाना
 4- जनपद
 5- न्यायालय (जहां मुकदमा चल रहा है)
6. मैं सिंचाई विभाग अथवा राज्य सरकार के अन्य विभागों द्वारा ब्लैक लिस्टेट ठेकेदार की
 श्रेणी में नहीं आता हूँ । मैं अपराधिक गतिविधियों, माफिया तथा गैंगस्टर गतिविधियों और
 संगठित अपराध करने की गतिविधियों और असामाजिक कार्यों आदि में लिप्त नहीं हूँ । मैं
 माफिया और अपराधी नहीं हूँ । मेरा चाल-चलन, कार्य तथा आचरण उत्तम है ।
7. मेरे विरुद्ध जनपद में तथा प्रदेश में कोई भी मुकदमा दर्ज नहीं है ।
8. यदि ठेका प्राप्त करने के प चात मेरे विरुद्ध माफिया गतिविधियों/असमाजिक गतिविधियों
 एवं संगठित अपराधिक गतिविधियों में लिप्त होने के बारे में कोई िकायत प्रमाणित पायी
 जाती है तो सक्षम अधिकारी को यह अधिकार होगा कि वह मेरा ठेका/अनुबन्ध निरस्त कर
 दे । इस पर मुझे कोई आपत्ति नहीं होगी । मेरे द्वारा यदि विभाग/राज्य सरकार के
 विरुद्ध कोई अपराधिक कृत्य किया जाता है अथवा सरकारी धन का गबन किया जाता है
 तो सक्षम अधिकारी को यह अधिकार होगा कि वह मेरे विरुद्ध अपराधिक मुकदमा नियमों के
 अन्तर्गत दर्ज कराये ।
9. मैं अनुबन्ध की भातों के अनुसार समय से, पूरी गुणवत्ता के साथ तथा निर्धारित
 वि िश्टियों के अनुरूप कार्य पूरा करूँगा और विभाग को पूरा सहयोग प्रदान करूँगा ।
10. मेरा कार्य एवं आचरण उत्तम है ।
11. मैं भापथपूर्वक घोशणा करता हूँ कि मेरा स्थायी पता और अस्थायी पता निम्न प्रकार है :-
 (अ) स्थायी पता (दूरभाष सहित)
 .
 (ब) अस्थायी पता (दूरभाष सहित)
12. मैं भापथपूर्वक घोशणा करता हूँ कि मैं उपरोक्त पते पर रहता हूँ तथा विभाग द्वारा प्रदान
 (यहां पूरा पता दूरभाष सहित एवं पिनकोड सहित लिखा जाय)

- किये गये कार्य के पूरा होने तक मेरे किसी पते में सामान्यतः कोई परिवर्तन नहीं होगा । यदि अपरिहार्य परिस्थितियों में किसी पते में परिवर्तन होता है तो इसकी सूचना मैं तत्काल अधि गासी अभियन्ता, सिंचाई विभाग और जिला मजिस्ट्रेट/कलेक्टर को दूँगा ।
13. मैं यह भी घोशणा करता हूँ कि विभाग के जिस कार्य के लिए मेरे द्वारा ठेका लिया जा रहा है उसके सापेक्ष चल एवं अचल सम्पत्ति का हैसियत प्रमाण-पत्र जिला मजिस्ट्रेट/कलेक्टर (जनपद का नाम लिखा जाय) द्वारा प्राप्त करके मूलरूप में संलग्न किया जा रहा है । यह भी घोशणा करता हूँ कि इस हैसियत प्रमाण-पत्र का उपयोग अन्य कार्यों के लिए नहीं किया जायेगा ।
14. सिंचाई विभाग के किसी भी अवर अभियन्ता/सहायक अभियन्ता/अधि गासी अभियन्ता /अधीक्षण अभियन्ता या अन्य कोई स्टाफ का कोई भी नजदीकी रि तेदार मेरे/हमारे यहाँ सेवारत नहीं है ।
15. मैं या मेरी फर्म/कम्पनी जिसमें मैं स्वयं निदे ाक/पार्टनर/मालिकाना हक है ने कहीं भी कार्य किया है, कभी भी मेरे नाम से जुड़ी कम्पनी जिसमें मैं निदे ाक/पार्टनर रहा हूँ, ब्लैक लिस्टेड या दिवालिया घोशित नहीं किया गया हूँ ।
16. मेरा पैन नं० है तथा आयकर विभाग से नवीनतम कर निर्धारण वर्ष का आयकर प्रमाण-पत्र (फार्म-16) की सत्यापित प्रति संलग्न है ।
17. मैं अपनी पूर्ण जानकारी में पूरे हो ाने-हवा ा में, स्वस्थचित्त से, पूरी सत्यनिष्ठा से तथा स्वेच्छा से यह भापथ-पत्र लिखकर दे रहा हूँ । ई ार मेरी मदद करें ।
- संलग्नक- नवीनतम आयकर निर्धारण वर्ष का फार्म-16

दिनांक

भापथी का पूरा हस्ताक्षर
पूरा नाम -
पता -

- नोट :-
1. यह स्वघोशणा भापथ-पत्र रू० 100/- (रू० एक सौ) के Stamp paper पर नोटरी द्वारा साक्ष्यों की उपस्थिति में सत्यापित कराते हुये दिया जायेगा ।
 2. असत्य भापथ-पत्र देना एक संगीन और संज्ञेय अपराध है ।
 3. संबंधित व्यक्ति द्वारा पासपोर्ट साइज का अपना फोटोग्राफ, जो राजपत्रित अधिकारी द्वारा प्रमाणित हो, भापथ-पत्र के ऊपर निर्धारित स्थान पर चस्पा किया जायेगा ।

Certificate of Relationship

To,

The Executive Engineer,
Irrigation Construction Division,
Meerut.

Sir,

It is certified that except the persons noted below, none of my relative is employed in Irrigation Department, Uttar Pradesh.

Name	Designation	Place of Posting

Contractor.....

Full Address.....

.....

.....

N.B. :- The following comes under the definition of relationship :

1. Father, Mother, Sister, Brother, Brother-in-law, Daughter, Father-in-law, Mother-in-law, First cousin of self or wife. The list is illustrative and not exhaustive.

AGREEMENT

Tender invited by

Tender of

Tender Notice No. & Date.....

Name of Tenderer

In Consideration of the Governor of Uttar Pradesh having treated the tenderer to be an eligible person whose tender may be considered, the tenderer hereby agreed the condition that the proposals in response to the above invitation shall not be withdrawn with in three months from the date of opening of the tender, also to the condition that if thereafter the tenderer does withdraw his proposal within the said period the earnest money deposited by him may be forfeited to the Government of Uttar Pradesh in description of the later. And the tenderer hereby also declares that if subsequent to the submission of his tender the tenderer amends, alters or modifies the contents of his tender which are not acceptable to the department then the tenderer shall, for the purpose of the aforesaid conditions, be deemed to have withdrawn his proposal.

Signed this..... day of

Signed by Tenderer

The individual, who is proprietor of a firm should furnish the description of the party as under :-
Shri.....S/oShri.....
R/o.....
Carrying on business under the firms name of M/s.....

In case of a partnership firm the description of the party should be as under :-
M/s.....

a firm within the meaning of the Indian Partnership Act and having their office atare consisting of the following partners-

- 1- Shri.....S/o.....R/o.....
- 2- Shri.....S/o.....R/o.....
- 3- Shri.....S/o.....R/o.....

IRRIGATION DEPARTMENT, UTTAR PRADESH
IRRIGATION CONSTRUCTION DIVISION, MEERUT

Name of work

Name of Contractor

**GENERAL RULES AND DIRECTIONS FOR THE GUIDANCE OF
CONTRACTORS**

1. All works proposed for execution by contract will be notified in a form of invitation to tender pasted on a board hung up in the office of and signed by the Sub-Divisional Officer/ Executive Engineer

This form will state the work to be carried out, as well as the date for submitting and opening tender, and the time allowed for carrying out the work also the amount of earnest money to be deposited with the tender, and the amount of security deposit to be deposited by the successful tenderer and the percentages, if any, to be

deducted from bills. This set of contract documents consisting of copies of drawing and details of the proposed work specification, schedules of quantities of various items of works. And a form of the printed conditions of contract together with the form of tender to be used, signed for the purpose of identification by the Sub-Divisional Officer/ Executive Engineer and approved by the authority competent to make the contract shall be available for public inspection at the office of the Sub-Divisional Officer / Executive Engineer during the office hours.

2. In the event of the tender being submitted by a firm, it must be signed separately by each member there of, in the event of the absence of any partner, it must be signed on this behalf by a person holding a power-of-attorney authorizing him to do so.

3. *Receipt for payments made on account of work when executed by a firm must also be signed by the several partners except where the contractors are decried in their tender as a firm in which case the receipt must be signed in the name of the firm by one of the partners or by some other persons having authority to give effectual receipts for the firm.*

4. *Any contractor who submits a tender shall fill up the prescribed form of tender striking out the alternative offer on page 3 of the form not applicable to the case, Tenderer which propose any alteration in the work specified in the form of notice inviting tender or in the time allowed for carrying out the work or which contents any other conditions of any sort, of are not filled up in English or*

accompanied by the deposit or earnest money notified, will be liable of rejection. Tenders shall have the name of the work to which they refer written outside the envelope.

5. (i) The Executive Engineer of his duly authorized assistant will open tender in the presence of any intending contractors who may be present at the time and will enter the amount of several tenders in a comparative statement in a suitable form. In the event of a tender being accepted, a receipt for the earnest money forwarded here with shall there upon be given to the contractor, who shall there upon for the purpose of identification, sign copies of the

specification and other documents mentioned in rule 1. In the event of a tender being rejected the earnest money forwarded with such unaccepted tender shall thereupon be returned to the contractor making the same.

(ii) When tenders are received by Sub-Divisional Officer, he will open and deal with them in the manner specified above, and will submit them to the Executive Engineer for orders. The earnest money if in currency notes shall be credited in the cash-book and paid into the Treasury, a receipt in account form no.3 being given to the party tendering. If earnest

money is preferred in any of the securities specified in rule 9, it shall be entered in the register of securities Account forms 85 and 86. Earnest money received in currency notes shall be returned to unsuccessful tenderness as soon as their tenders are rejected the usual stamp receipt being taken.

6. The accepting authority shall have the right of rejecting all or any of the tenders.

7. The receipt of an accountant or a clerk for the earnest money paid by the contractor will not be considered as any acknowledgement of payment to Sub-Divisional Officer/Executive

Engineer. *and the contractor shall be responsible for seeing that he procures a receipt signed by Sub-Divisional Officer/ Executive Engineer.*

8. *The memorandum of work tendered for shall be filled in and completed in the office of the Sub-Divisional Officer/Executive Engineer before the tender form is issued.*

9. *The amount of earnest money should*
ordinarily be.- *Rs.*

(a) 2 % of the tender/work cost.

Such earnest money shall be deposited by the contractor in Government Treasury or sub

*treasury as laid down in paragraphs 340(b) (1),
344 and 345 (b) of the Financial Handbook
Volume V, Part I, Account Rules and receipted
treasury challan attached to the tender.*

*Note:- The Officer calling for the tender may
in special cases where it would be inconvenient
for tenders to deposit money into Government
treasury relax the rule, and permit contractors
deposit earnest money with him in cash of
currency notes upto a limit of Rs. 100 instead of
into a treasury. Such deposits should be treated
as “ Public Works Department Deposit”*

TENDER OF WORKS

“I” or

“We”

** Hereby tender for the execution for the Governor of Uttar Pradesh of the work specified in the underwritten memorandum within the time specified in the memorandum at the rate specified therein, and in accordance in all respects, with the specification, designs, drawings and instructions in writing referred to in rule 1 hereof and in clause 2 of the conditions of contract and with such materials as are provided for by and in other respects in accordance with such conditions so far as applicable.*

MEMORANDUM

(a) If

(a) general description

*several
sub-
works
are
included
they
should
be
detailed
in a
separate
list.*

(b) Estimated cost

Rs.

(c) Estimated cost

Rs.

*(b) vide
Rule 9
on ID
form
112/2*

*(d) Time allowed for the work from
date of written order to commence
Months.*

<i>Item No.</i>	<i>Item of work</i>	<i>Approximate number of quantity</i>	<i>Unit</i>	<i>Per</i>	<i>(e) TENDERED</i>	
					<i>Rate-----</i>	
					<i>(e) SANCTIONED</i>	
					<i>(f) in figure</i>	
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Dated the

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CONDITIONS OF CONTRACT

Further deposit

Clause 1- The person or persons whose tender is accepted (herein after called the contractor) shall within one week after his or their tender has been accepted, deposit with the Government of Utter Pradesh (here in after called the Government) either in cash or in securities as provided in paragraph 614 of the financial Hand book, Volume VI such sum as will with the earnest money deposited with the tender amount to Rupees..... and where any securities so deposited is not payable to bearer, the contractor shall endorse or transfer it to the said Government in such a manner that the sum represented by it can be realised without the or assistance to the contractor. The contractor shall also permit Government at the time of making any payment to him for work done under the contract to deduct 10% (Ten Percent) of all moneys so payable on account of security Deposit until such deduction along with the sum already deposited as earnest money to be adjusted in last deductions, will amount:-

Deduction from payment

(i) In the case of works estimated to cost upto Rs. 40,00,000/- than 10% of estimated cost.

(ii) In case of works estimated to cost more then Rs. 40,00,000/- than 10% on the first Rs. 40,00,000/- & 5 % on the balance work unless he is/ they are exempted from payment of security deposit, in individual case of has/have deposited the amount of the security at the rates mentioned above in cash or in the form of Government Securities or fixed Deposit receipts or Guarantee Bonds of any scheduled Bank in India.

(G.O. No. 5479/sa kha/81-23 1-3/81 N-79 Dt. 25.11.82)

Security Deposit

If the security is furnished in the form of guarantee bonds the contractor undertakes to renew or to furnish fresh guarantee to cover the period of time extension if any, and failure on his part to do so shall be construed as a breach of his contract and without prejudice to any other remedy provide in these conditions the Engineer-in-Charge shall have right to withheld the payment and the entire security amount of moneys becoming payable to the contractor, The amount of security money shall, if not withheld on the account of breach of contract be refunded after six months of the date of completion of the work or after payment of the final bill which ever is later subject to the condition that in case of the building work of the first rainy season comprising of months of June, July, August & September is not fully covered within the period of six month mentioned above. The amount of security money, if not withheld on account of

breach of contract be refunded after the expiry of the first rainy season comprising of the months mentioned above or after the payment of the final bill cover which ever is later.

Provided that in case the payment of the final bill is not made within six months of the completion of the work 75% of the amount of the security money can be refunded with the prior approval of the authority next higher to the person accepting the contract on behalf of the Government.

All compensation or other sums of money payable by the contractor to Government under the terms of this contract may be deducted from or realised by the sale of a sufficient part of his security deposit, or from the interest arising there from or from any sums which may be due or may become due to the contractor by the Government or on account what so ever and the event of his security deposit being reduced by reason of any such deduction or sales as aforesaid, the contractor shall within 10 days thereafter make good in cash of Government securities endorsed as aforesaid any sum or sums which may have of his security deposit or raised by sale of his securities deposit or any part thereof.

Without prejudice to any other remedy provided by law the Government may recover all dues here under from the contractor as arrears of land revenue (G.O. No. A-2-2242/X-83-17-(5)71 Dt. 23.12.83)

EXPLANATION- *For the purpose of this clause if the work is under this contract includes construction, reconstruction of repair of any structure having roof over it the whole work will be classed as building work.*

Clause 1-A- *If not appropriated by the Government under the provisions of this contract, the security money or such balance thereof as may be, left over after making deduction will be refunded to contractor after the Superintending Engineer has satisfied himself that all the terms of this contract have been duly and faithfully carried out by the contractor, but not before the expiry of period of six months after the completion of work. That all the terms of this contract have been duly and faithfully carried out by the contractor the security money of such balance as aforesaid may be refunded to the contractor with the previous sanction of the head the department as provided in rule 23 of appendix XIX of F H vol.V Part I.*

Provided that in case the superintending Engineer is satisfied even before the expiry of period of six months.

Clause 2-A- *Time is the essence to the contract. The contractor shall commence and shall complete the work covered by the tender on the date fixed by the Executive Engineer for the commencement and completion of such work and shall in interval between those dates keep the work upto the schedules of quantities and dates shown in the Progress statement to be signed by the contractor and attached to the tender. If the work full in arrears of the Progress statement either in*

quantity or in time, then for everyday that the work is on arrears the contractor shall be liable to pay as compensation an amount equal to one percent or such smaller amount as the Executive Engineer (whose decision in writing shall be final) may decide on the estimated cost of the whole work. Provided always that the entire amount of compensation to be paid under the provisions of this clause shall not exceed ten percent of the estimated cost of the work as shown in the tender.

Compensation for
delay

[Clause 2-B- To be used instead of 2A when the latter is form in the nature of work impracticable.]

[Clause 2-B- Time is the essence of the contract. The Contractor complete the work with in the period specific in the tender, Such period shall be reckoned from the date on which the order to commence work is given, to the contractor. The contractor shall at all times during such period proceed with the work with due diligence and shall pay as compensation an amount equal to one percent or such smaller amount as the..... Engineer (whose decision in writing shall be final) may decide on the amount of estimated cost of the whole work as shown by the tender for everyday that the work remains uncommenced, of unfinished after the proper date and further, in order to ensure good progress during the execution of the work the contractor shall be bound in all cases in which the time allowed of any work exceeds one month to complete one-fourth of the value or quantity (as the Engineer may determine) of the whole of the work before one-fourth of the whole time allowed under the contract elapsed; one-half of the value or quantity(as the Engineer may determine) of the work before three-fourth of such time has elapsed. If the contractor fail to comply with this condition he shall be liable to pay as compensation an amount equal to one percent or such smaller amount as the..... Engineer (whose decision in writing shall be final) may decide on the said estimated cost of the whole work for every day that the quantity of the work remains incomplete. Provided always that the entire amount of compensation to be paid under the provisions of this clause shall not exceed ten percent of the estimated cost of the work as shown in the tender.

Action for which
whole of security
deposit is forfeited `

Clause 3(i)- *In any case in which under any clause of clauses of this contract the contractor shall have rendered himself liable to pay compensation amounting to the whole of this security deposit (whether paid in one sum of deducted by installments) the..... Engineer shall have power to adopt such of the following courses as he may deem best.*

(a) He may rescind the contract by given the contractor notice of rescission signed by the Engineer and may then take the whole of the contractor's security deposit for the use of the Government as compensation for the loss caused by the contractor's default.

(b) He may, after giving the contractor day's notice in writing of his intention to do so, measure up the work done by the contractor and then employ and pay labourers and supply or procure materials and carry out all or any part of the work himself on behalf of Government debiting the contractor with the actual cost and crediting him at the contract rates with the value of the work so done, and may postpone till completion of the work so taken over assessment of the Engineer the certificate in writing of the Executive Engineer or of the Sub-Divisional Officer as to its cost and value shall be final and conclusive against the contractor.

(c) He may, after giving the contractor..... day's notice in writing of his intention to do so, measure up the work done by the contractor, take the work out of his hands and give a contract for its completion to another contractor and may postpone till completion of the work the assessment of the compensation to be paid by the original contractor. If the..... Engineer elects to give the completion shall pay any expenses which may be incurred in excess of the sum which would have been pay to him if the whole work had been carried out by him; and a certificate in writing of the Executive Engineer or of a Sub-Divisional Officer shall be final and conclusive as against the original contractor as to amount of any such expenses.

(ii) If the Engineer does not desire to do so the work, the contractor shall not be entitled to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements, or made any advances on account of or with a view to execution of the works or the performance of the contract; shall not be entitled to recover or be paid or be given credit for any sum for any work therefore actually performed by him under this contract, unless and until the Executive Engineer or Sub-Divisional Officer acting under his order shall have certified in writing the performance of such work and the value thereof the contractor shall only be entitled be paid the value as so certified.

(iii) If upon any occasion the Engineer abstains from exercising the powers given to him by this clause such abstention shall not prevent him from exercising such power upon a subsequent occasion if the contractor again make default; nor shall such abstention absolve the contractor from liability to pay compensation for any default which he may have made.

Contractor remains
liable to pay

Clause 4- If the Engineer Exercise any of the powers given to him by the clause 3 he may, If he so desires take possession of all

*compensation if
action not taken
under clause 3.*

or any of tool, plant materials and stores in or upon the work or the side thereof and belonging to the contractor or procured by him and intended to be used for the execution of the work or any part thereof, and pay of allow the Contractor for the same at the contract rate, or in the case of these not being applicable, at current market rates to be certified by the Executive Engineer, whose certified thereof shall be final and if the..... Engineer does not desire to do so, the Executive Engineer may, by notice in writing to the contractor or his clerk or the work's foreman or other authorized agent, required him to remove such tools, plant materials or stores from the premises (within a time to be specified in such notice); and if the contractor fail to comply with such requisition, the Executive Engineer may remove them at the contractor's expense and all his risk all respects by auction or private sale and the certificate of Executive Engineer as to expenses of any such removal and the amount or proceeds and the expenses of any such sale shall be final and conclusive against the contractor.

*Power to take
possession on require
removal of or sell
contractor's plant.*

Extension of time

Clause 5- *If the contractor desires an extension of the time for completion of the work on the ground of any unavoidable hindrance to its execution having arision, he shall apply in writing to the Engineer within 30 day's the existence of such hindrance first becomes known to him and the..... Engineer shall if in his opinion (which shall be final) reasonable grounds be shown thereof authorize extension of time as may, in his opinion be necessary of proper.*

Final Certificates

Clause 6- *On completion of the work the contractor shall send a registered notice to the Sub-Divisional Officer (thereafter called Engineer-in-charge) giving the date of completion and shall also send a copy of such notice to the Executive Engineer and shall request the Engineer-in-charge to given him a certificate of completion. No such certificate will be given nor shall the work be considered to be complete until the contractor has removed from the premises on which the work has been executed all scaffolding surplus materials and rubbish, and cleaned all wood-work, door windows walls floor of other part of any building in upon and about which the work has been executed or of which he may have had possession for the purpose of execution thereof and, if the contractor fail to do so on of before the date fixed for completion of work the Engineer-in-Charge may do so, and may sell such scaffolding and materials as have not been removed by the contractor and the contractor shall forth pay all expense so incurred and shall have no claim in respect of any such scaffolding, surplus materials as aforesaid expect for any sum actually realized by the sale thereof. On completion the work shall be measured by the Engineer-in-charge, whose measurement shall be binding and conclusive against the contractor.*

*Payment on
intermediate*

Clause 7- *In the case of work estimated to cost more than rupees one thousand, the contractor shall, on submitting the bill there of be entitled to receive*

certificate to be regarded as advances

a monthly payment proportionate to the part thereof then approved for such purpose by the Engineer-in-charge, whose certificate of approval and passing of the sum so payable shall be final and conclusive against the contractor. But any such payment will only be made as advances to be credited to Government in the final settlement of accounts, with the contractor and not as payment for work completed and passed, and the making of any such payment shall not either preclude the Executive Engineer of Sub Divisional Officer from requiring the contractor to remove or reconstruct or re-erect any work on the ground that such work is bad, unsound, imperfect or unskilled or prevent Government from enforcing any claim against the contractor on account of any default by him or conclude or any of them as to the final settlement and any adjustment of the Engineer-in-charge under these condition or any of them as to the final settlement and any adjustment of the account or otherwise or in any other way vary or affect the contractor the Engineer-in-Charge's certificate of the measurement and of the total amount payable for the work shall be final and binding on all parties.

Inability to complete the work

Clause 8- *If the contractor abandons, or is unable to complete the work, the Engineer may certify in writing the value of the work done by the contractor towards the completion of the contract such a certificate shall be final and conclusive against the contractor and he will not be paid more than value of such work as so certified irrespective of the contract rates.*

Lump sum in estimate

Clause 9- *When the estimate on which a tender is made included lump sum in respect of parts of the work, the contractor shall be entitled to the payment in respect of the items of work involved, or the part of the work in question at the same rates as are payable under this contract for other such item of work, unless the part of the work in question is not in the opinion, of the Engineer-in-Charge, capable of measurement in which case the Engineer-in-Charge shall be final and conclusive against the contractor as to the basis upon which payment is to be made in such cases and as amount to be paid.*

Bill to be submitted monthly

Clause 10- *Every month on or before a date to fixed by the Engineer-in-Charge the contractor shall if so required, submit a bill for all works executed by him during the previous month and the Engineer-in-Charge shall take or cause to be taken all measurement necessary for checking the contractor's bill and adjusting his claim as speedily as possible, If the contractor does not submit his bill within the time so fixed the Engineer-in-Charge may after giving the contractor day's notice in writing measure or depute some one to measure such work in presence of the contractor whose signature on the list of measurements and any bill so drawn up shall be binding on the contractor. If the contractor fails to attend when such measurement are taken, such measurements*

shall be binding referred to immediate superior of the Engineer-in-Charge whose decision shall be binding on the contractor.

Bill to be on printed forms.

Clause 11- *The contractor shall submit all bills on the printed form which will be supplied to him at the office of the Engineer-in-Charge and all items in such bills shall be charged at the rates specified in the tender or in the case of any extra work ordered in pursuance of these conditions, and not mentioned or provided for in tender, at the rates hereinafter provided for such work.*

Stores supplied by Government

Clause 12- *If the specification or the estimate of the work provided for the use of any special description of materials to be supplied from the Engineer-in-Charge stores. Or if it is required that the contractor shall use certain stores to be provided by the Engineer-in-Charge (such materials and stores and the prices to be charged thereof as herein after mentioned being so far as practicable and for the convenience of the contractor specified in the schedules hereto annexed but not so as in any way to control the meaning or effect of this contract), the contractor shall be supplied with such materials and stores as may from time to time be required by him for the purpose of the contract but only for such purpose and he shall pay for the same at the rates specified in the said schedule or if no rates are specified at the cost price as defined in clause 13 thereof.*

All materials so supplied to the contractor will become the property of the contractor but shall not on any account be removed from the site of the work until the whole work is certified to be completed by the Executive Engineer except with the written permission of the Executive Engineer and shall at all time be open to inspection by the Engineer-in-Charge, The Executive Engineer shall, however have the option to take over any such materials, if unused at the time of completion or termination of the contract at the specified issue rate, or the current market rate which ever is less.

Clause 13- *All articles required by the contractor for the construction of the work and which the contractor is to supply himself, shall be obtained by the contractor from the firms which the Directors of Industries has made arrangement and if for the supply of any articles so such arrangements have been made, any such articles supplied by the contractor shall conform to such specification and/or tests, if any, sincerely may be prescribed by the Directors of Industries consultation with the consuming department.*

Stores imported from Europe to be obtained from Government.

Clause 14- *The contractor shall contain from the stores of the Engineer-in-Charge, all such imported stores of materials as may be required in any considerable quantity for the work or any part thereof or for making up articles required therefore or in connection therewith. The value of such stores and articles*

as may be supplied to the contractor by the Engineer-in-Charge will be debited to the contractor in his account at the rates shown in the schedules attached to the contract and if they are not entered in the schedules they will be debited at the cost price, which for the purpose of this contract shall include the cost of carriage and all other expenses whatever which shall have been incurred in obtaining delivery for the same at the stores aforesaid. The Executive Engineer may issue materials to a contractor from existing stock if he ask for any excess of those entered in the schedules. In such case the price charges will be stock rate or the market rate whichever is grater.

Work to be executed in accordance with specification drawing orders, etc.

Clause 15- *The contractor shall execute the whole and every part of the work in the most substantial and workmanlike manner and in every respect in strict accordance with the specification both as regards materials and otherwise. The contractor shall also conform exactly, fully and faithfully to design drawing and instruction in writing relating to the work singed by the Engineer-in-Charge and lodged in his office, and the contractor shall be entitled to inspect the same during office hours and may at his own expense have copies of the specifications, and of all such designs, drawing and instructions as aforesaid for his own use.*

Alterations, specification and designs.

Clause 16- *The Engineer-in-Charge shall have power to make such alteration or addition to the original specification designs and instructions as may appears to him to be necessary or advisable during the progress of the work, and the contractor shall be bound to carry out the work in accordance with any instruction which, may be given to him writing singed by the Engineer-in-Charge and such alterations shall not invalidate the contract and any additional work which the contractor may be so directed to do shall be carried out by the contractor on the same condition in all respect on which he agreed to do the main work, and*

Do not invalidate contract

Extension in time in consequence of alteration

at the same rates as are specified in the tender for the main work. The time for completion of the work and the certificate of the Engineer-in-Charge shall be conclusive as to such proportions, if the additional work includes any items for which no rate is specified there under then the contractor shall carry out the work at the rate entered in the schedules of rates of the District but if the schedules does not contain any rate for such work then, the contractor shall not begin such work until a rate in respect of such work has been seteled by mutual agreement between

Rates for additional works not in estimate or schedule of rate of the district.

him and Engineer-in-Charge with the approval of the officer accepting the contract, and if they are unable to agree upon a rate within two weeks from the date when the contractor received the order, the Engineer-in-Charge may be a notice in writing cancel the order for such work and carry it out such manner as he may think best. In the event of a dispute, the decision of the Superintending Engineer shall be final and binding on the contractor.

No compensation or

Clause 17- *The Executive Engineer acting on the written order of his*

alteration in or restriction of work to be carried out.

immediate superior, may at any time by notice in writing to the contractor either stop the work all together or reduce or cut it down. If the work is stopped altogether, the contractor will only be paid for work done and expenses legitimately incurred by him on or preparation for the execution of the work upto the date on which such notice is received by him such expenses shall be assessed by the Executive Engineer, whose decision shall be final and binding on the contractor if the work is cut down the contractor will be paid for the work as so cut down but in neither case will be paid any compensation whatsoever for the loss or profit which he might have if he had been allowed to complete all work included in the tender.

Action and compensation payable in case of hand work.

Clause 18- *If the Engineer-in-Charge is satisfied that the construction of any part of the work is faulty of that materials used in the same are inferior to these for which the specification provided or that any materials or articles provided by the contractor are not in accordance with the contract, he may, not with standing that such work materials or articles may have been passed, certified or paid for, serve the contractor with notice in writing specifying the work, materials or articles of which he complaints and requiring the contractor to remedy such defects or to replace such materials of articles within a specified period of time.*

If the contractor fails to comply, in all respect with the requirements of any such notice within ten day's after the expiration of the period specified in that notice the Engineer-in-charge may himself remedy such defects or as the case may be replace such materials or articles, the contractor shall pay all expenses incurred by the Engineer-in-Charge in so doing and the certificate in writing of the Engineer-in-Charge as to the amount of any such expenses shall be final and binding upon the contractor.

Work to be open to inspection

Clause 19- *All works under or in course of executed in pursuance of the contract or shall at all times be open for inspection and supervision by the Engineer-in-Charge and his subordinates and the contractor shall at all times during the usual working hours, and on any other occasion of which he shall have had reasonable notice either himself be present to receive orders an instructions, or have responsible agent duly accredited in writing present for the purpose. Orders given to any such agent have the same effect as order given to the contractor himself.*

Clause 19 A- *No labourer below the age of 12 years shall be employed on the work.*

Clause 19 B- *The contractor shall pay to his labourer a fair wages.*

Clause 19 C- *The contractor before he commences work shall (a) post in conspicuous place on the work a notice giving the rates of wages have been certified as fair by the Executive Engineer, and (b) send the copy of the notice to*

the Executive Engineer.

Clause 19 D- *The contractor shall be bound and shall be responsible to comply with the provisions of the labour laws in force in state of Uttar Pradesh including the minimum wages Act of any enactment in supervision, extension or modification thereof which may be passed at any times from time to time by a competitive legislative body and may effect in the state of Uttar Pradesh and the Rules and Regulations made there under or any amendments or modification thereof for the time being in force. All expenses in connection with the compliance of such laws and rules shall be borne by the contractor and the contractor shall neither demand nor claim shall be entitled to any additional payment for the reason that he fail to take into account any such expenses in his tender of that any subsequent amendments in such law or rules have changed basis on which he worked out such expenses while submitting the tender.*

In every case in which by virtue of the provisions of the labour laws in force in the State of Uttar Pradesh and the Rules and Regulations made there under, the Government is obliged to pay any sum in the execution of the work, Government will recover from the contractor the amount so paid, and without prejudice to other rights of the Government, the Government shall be at liberty to recover such amount or any part thereof by deducting it either from the security money deposited by the contractor or to his credit under clause I of these conditions or form any other sum due by Government to the contractor whether under this contract or otherwise.

*Contractor or
responsible agent to
be present*

Clause 20 - *In order that the work may be measured and the correct dimension there on taken, the contractor shall not cover up any part of the same of otherwise place it beyond reach of measurement until he has either obtained the consent in writing of Engineer-in-Charge or his Subordinate-in-Charge of the work or until he has given to the Engineer-in-Charge or such subordinate five day's notice in writing that the work is ready for measurement. If the contractor covers up any work or place it beyond reach of the measurement without such concrete and before expiration of the period of such notice, the contractor shall either, as he may elect strip such work at his own expenses in order that it may be measured or shall forfeit the price of such work and of the materials used in its construction.*

Vide G.O. number 1381 IBD-50/XXIII-IB 89-B-W, dated may 26, 1950.

*Notice to be given
before work is
covered up.*

Clause 21 - *All works to be executed under the contract shall be executed under the direction and subject to the approval in all respect of the Engineer-in-Charge for the time being who shall be entitled to direct at what point or points and in what manner they are to be commenced, and from time to time carried on.*

Direction of work

Clause 22 - Except where otherwise specified in the contract the decision of the.....Engineer for the time being shall be final, conclusive and binding on all parties to the contract upon all question relating to the meeting of the specification design, drawing and instruction herein before mentioned. The decision of such Engineer as to the quality of workmanship or materials used on the work, or as to any other question, claim, right matter of thing whatsoever in any way arising out of or relating to the contract design, drawing, specification estimates, instruction, order of these conditions or otherwise concerning the works or the execution of the failure to execute the same whether arising during the progress of the work or after the completion or abandonment of the contract by the contractor, shall also be final and conclusive and binding on the contractor.

Decision of engineer to be final, contractor liable for damages done and for imperfections for three months for certificate.

Clause 23 – If the contractor or his work people or servant shall break, deface, injure or destroy any part of a building in which they may be working or any building road fence, enclosure or grass land or cultivated ground contiguous to the premises on which the work or any part of it is being executed, of if any damage shall happen to the work while in progress from any cause due to the negligence or responsibility (the decision of the Executive Engineer shall be final) the contractor shall at his own expenses make good such damage or, in default the Engineer-in-Charge may cause the same to be may good and the contractor shall pay any expenses so encored and the certificate of the Engineer-in-Charge as to the amount of such expenses, shall be final and binding on the contractor.

Contractor to supply plant, ladder, scaffolding etc.

Clause 24 – The contractor shall supply at his own cost all materials (except such special materials, if any as may in accordance with the contractor be supplied from the Engineer-in-Charge’s stores), plant tool, appliance, implements, ladders, cordage, takle, scaffolding and temporary work requisite of proper for the execution of the work whether original, altered or substituted and whether included in specification or other documents forming part of the contract or refereed to in these condition or not or which may be necessary for the purpose of satisfying or complying with the requirement of the Engineer-in-Charge as to any matter as to which under these condition he is entitled to be satisfied or which is entitled to require and shall pay for the carriage of all such thing to and from the work. The contractor shall also supply without charge workman with the means and materials necessary for the purpose of setting out of works, and for counting, weighting and assisting in the measurement or examination of the work or materials at any time. If the contractor fails to do same may be provided by the Engineer-in-Charge and the contractor shall pay the cost of the same certified by the Engineer-in-Charge, whose certificate shall be final. The contractor shall also provided all necessary fencing and lights required to protect the public from accident and shall bear the expenses of defiance of every suit, action, or other proceedings at law that may be

brought by any person for injury sustained owing to neglect or the above precaution, and shall also pay any damages and cost which may be awarded in any such suit action or proceedings to any such person or which.

Female labour not to be employed.

Clause 25 – *The contractor shall not employ female labour in the execution of the work or any part thereof within the limits of cantonment.*

Work not to sub-let

Clause 26 – *The contractor shall not assign or sub-let the contract without the written approval of theEngineer and if the contractor does or attempts so to do or becomes insolvent or commences any insolvency proceedings or makes attempts to make any composition with his creditors, or if he or any of his servants or agent either directly or indirectly gives offer or promises any bribe, gratuity gift, loan perquisite, reward or advantage pecuniary or otherwise to any public officer or person in the employ of the Government in any way relating to his officer or employments, or if any such officer or shall become in any way directly or indirectly interested in the contract without having first obtained the permission in writing of the Government the Engineer may there upon by notice in writing rescind the contract, and the security deposit of the contractor shall there upon stand forfeited and be absolutely at the disposal of the Government and the same consequence shall ensure as if the contract had been rescind under clause 3 hereof, and in addition the contractor shall not be entitled to recover or be paid for any work there for actually performed under the contract.*

Contractor may be rescind and security deposit forfeited for subletting bribing of if contractor become insolvent

Sum payable by way of compensation to be considered as reasonable

Clause 27 – *Any sum payable by the contractor as compensation under any of these condition shall be deemed to be reasonable compensation for the act of default in respect of which the same becomes payable without proof of the actual amount of damage or loss sustained.*

compensation without reference to actual loss. Changes in constitution of firm.

Clause 28 – *In the case of tender by partners. The contractor shall state the name of the members of the firm and shall notify to the Engineer-in-Charge any charge in the constitution of the firm as soon as charge occurs.*

Action where no specification.

Clause 29 – *In the case of any class of work for which there is no such specification as is mentioned in rule I, such work shall be carried out in accordance with the district specification, and if there is no district specification, the work shall be carried out in all respect in accordance with the instructions and requirements of the Engineer-in-Charge.*

Definition of work.

Clause 30 – *In these conditions unless there is something in the subject or context repugnant to such an interpretation, the expression “works” mean the work to be done or executed under the contract or whether such work is permanent or temporary and whether it is original, altered, substituted or additional.*

Contractor’s percentage whether

Clause 31 – *The additions and deductions on account of the percentage referred to at page 3 of the accepted tender will be calculated on the gross, and not*

*applied to net gross
amount of bills.
(Strike out this clause
in the case of an item
rate contract.)*

the net amts of bills for the work done.

Clause 32 – (1) *In every case in which by the virtue of the provision of section 12, sub section (1) of the Workman’s Compensation Act 1932, Government is obliged to pay compensation the workman employed by the contractor or by any Subcontractor from his in execution of the work Government will recover form the contractor the amount of the compensation so paid; and without prejudice to the rights to the Government under section 12, subsection (2) of the said Act. Government shall be liberty to recover such amount or any part thereof by deducting it either from the security money deposit by the contractor or to his credit under clause I of these conditions or from any other sum due by the Government to the contractor whether under this contract or otherwise.*

*Compensation to
Workman*

(2) Government shall not be bound to contest any claim made against it under section 12, subsection (1) of the said Act. except on the written request of the contractor and upon his giving to the Government full security for all costs for which Government might become liable in consequence of contesting the claim.

Clause 33 – *Notwithstanding anything stipulated in the aforesaid clauses, Government shall have power to return any sum due to the contractor (s) and set off all claims against him (then whether arising out of the particular contract or out of any other transaction or contract held by him (them) alone or in partnership with others.*

Clause 34 – *All disputes in respect of this contract arising between contractor and the Department will be put to the Superintending Engineer and his decision shall be final and legally binding on both parties.*

Clause 35 – *Quantities are liable to variation on the sides without entitling the contractor to compensation on his account.*

Clause 36 – *Contractor shall himself make proper living accommodation water and sanitary arrangement etc. for labour which ordinarily should be arranged through Employment Exchange will give preference exservicemen he will have to remove any undesirable if order by the department.*

Clause 37 – *Claims not preferred within 48 hours of occurrence are liable to be rejected.*

Clause 38 – *No extra payment shall be made to the contractor for making profits and namusa in connection with the executing of work as per G.O number 355-3 B/6 XXIII-IB II dated 22-6-66*

Clause 39- *During the course of construction if any emergency is forwarded due to any clause or claim of work the company shall send a registered notice to the Executive Engineer within a fortnight of the origin of the claims. If he*

fails to do so on if he postpones of such claims till the completion of works he will be entitled to on compensation.

Clause 40- *The contractor shall not influence the workman directly or indirectly labour borne on the Muster Roll or by any other contractor by paying higher wages or providing extra facilities without the permission of the Executive Engineer and if dose so contrary to the above will be responsible for the loss or damage caused or claimed by other parties and the decision of the Executive Engineer as to the amount of such damage shall be final and binding on both parties.*

Clause 41- *This agreement is subject to the standard specification the clearance of size shall be done by contractor at his own expenses.*

Clause 42- *Income tax at the rate of 2.27% shall be deducted from the bill in terms of subsection (i) section 194 (o) of Income tax Act XVI of 1972.*

*For Family Planning
Purpose in contract.*

Clause 43- *The contractor agrees to persuades all his labour and other Employees including casual labour employed by him to adopt family planning teorhnics (including vaseetomo and tubectomy) on lines with policies and programme announced by the state Government from time to time in relation to the State Government so far as may be applicable and to furnish to Engineer-in-Charge monthly report in this behalf. (G.O. number 5032/76-23CE/1975-76 dated at Sept. 1976)*

TRADE/VAT TAX

The rate quoted by the contractor shall be deemed to be inclusive of the Trade/Vat Tax, if any on the constructional plant, materials and supplies (both permanent, temporary and consumables acquired the purpose of the contract and on the services performed under the contract. Nothing in the contract shall relieve the contractor from the responsibility to pay Trade/Vat Tax may be levied under the U.P. Sales Tax Act 1948 as amended from time to time in performance of this contract, during pursuance of the contract, the Engineer-in-charge or any other persons responsible for making the payment to the contractor shall at the time of making such payment to the contractor either in cash or in any other manner, deduct an amount equal to 4% of the executed work as in force for the time being towards part or, as the case may be full satisfaction of the Tax payable under the said Act on account of this contract, the amount presently specification in said secession is 4 (Four) percent of the amount payable to the contractor

Schedule showing (approximate) materials to be supplied from Public Works Stores for works contracted to be executed and the rates at which they are to be charged for, vide clause 12 of conditions:

<i>Particulars</i>	<i>Rate at which the materials will be charged to the contractor</i>	<i>Place of delivery</i>
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	<i>Units</i>	<i>Rs.</i>	<i>P.</i>	
----- <i>As per schedule 'B' attached</i> -----				

Signature of Contractor

Signature of Sub-Divisional Officer/

Executive Engineer

IRRIGATION CONSTRUCTION DIVISION MEERUT

Name of Work: ऊपरी गंगा नहर के बांये किनारे पर कि०मी० 42.250 से कि०मी० 42.530 मे हो रहे कटान की रोकथाम का कार्य।

Lot No. : 01

SCHEDULE - B

Sl. No.	Items of Works	Unit	Qty.	Tendered Rate	
				In Fig.	In words
1	Supplying and Pilling of Eucalyptus Ballies 5.25m to 6.00m long & 7.50 to 10.00 cm dia placing in proper position at spacing @0.45m c/c i/c cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Nos.	1250.00		
2	Supplying and bracing of Eucalyptus Ballies 5.25 m to 6.00m long & 7.50 to 10.00 cm dia placing in proper position i/c cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	R/M	1520.00		
3	Supplying and Filling Jhankar & Jhau in proper position, including cost of material labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Cum	200.00		
4	Supplying Local Earth and filling in E.C. Bags including laying proper position with Loading unloading and carriage including cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Nos.	25800.00		
5	Earth work in filling between balli screening and canal bank i/c cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Cum.	1700.00		

Sig. of Contractor

IRRIGATION CONSTRUCTION DIVISION MEERUT

Name of Work: ऊपरी गंगा नहर के बांये किनारे पर कि०मी० 52.450 से कि०मी० 52.500 मे हो रहे कटान की रोकथाम का कार्य।

Lot No. : 02

SCHEDULE - B

Sl. No.	Items of Works	Unit	Qty.	Tendered Rate	
				In Fig.	In words
1	Supplying and Pilling of Eucalyptus Ballies 5.25m to 6.00m long & 7.50 to 10.00 cm dia placing in proper position at spacing @0.45m c/c i/c cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Nos.	225.00		
2	Supplying and bracing of Eucalyptus Ballies 5.25 m to 6.00m long & 7.50 to 10.00 cm dia placing in proper position i/c cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	R/M	275.00		
3	Supplying and Filling Jhankar & Jhau in proper position, including cost of material labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Cum	35.00		
4	Supplying Local Earth and filling in E.C. Bags including laying proper position with Loading unloading and carriage including cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Nos.	4600.00		
5	Earth work in filling between balli screening and canal bank i/c cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Cum.	335.00		

Sig. of Contractor

IRRIGATION CONSTRUCTION DIVISION MEERUT

Name of Work: ऊपरी गंगा नहर के बांये किनारे पर कि०मी० 71.310 से कि०मी० 71.410 मे हो रहे कटान की रोकथाम का कार्य।

Lot No. : 03

SCHEDULE - B

Sl. No.	Items of Works	Unit	Qty.	Tendered Rate	
				In Fig.	In words
1	Supplying and Pilling of Eucalyptus Ballies 5.25m to 6.00m long & 7.50 to 10.00 cm dia placing in proper position at spacing @0.45m c/c i/c cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Nos.	450.00		
2	Supplying and bracing of Eucalyptus Ballies 5.25 m to 6.00m long & 7.50 to 10.00 cm dia placing in proper position i/c cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	R/M	545.00		
3	Supplying and Filling Jhankar & Jhau in proper position, including cost of material labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Cum	70.00		
4	Supplying Local Earth and filling in E.C. Bags including laying proper position with Loading unloading and carriage including cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Nos.	9200.00		
5	Earth work in filling between balli screening and canal bank i/c cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Cum.	890.00		

Sig. of Contractor

IRRIGATION CONSTRUCTION DIVISION MEERUT

Name of Work: ऊपरी गंगा नहर के दांये किनारे पर कि०मी० 71.310 से कि०मी० 71.450 मे हो रहे कटान की रोकथाम का कार्य।

Lot No. : 04

SCHEDULE - B

Sl. No.	Items of Works	Unit	Qty.	Tendered Rate	
				In Fig.	In words
1	Supplying and Pilling of Eucalyptus Ballies 5.25m to 6.00m long & 7.50 to 10.00 cm dia placing in proper position at spacing @0.45m c/c i/c cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Nos.	620.00		
2	Supplying and bracing of Eucalyptus Ballies 5.25 m to 6.00m long & 7.50 to 10.00 cm dia placing in proper position i/c cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	R/M	760.00		
3	Supplying and Filling Jhankar & Jhau in proper position, including cost of material labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Cum	100.00		
4	Supplying Local Earth and filling in E.C. Bags including laying proper position with Loading unloading and carriage including cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Nos.	12900.00		
5	Earth work in filling between balli screening and canal bank i/c cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Cum.	1555.00		

Sig. of Contractor

IRRIGATION CONSTRUCTION DIVISION MEERUT

Name of Work: ऊपरी गंगा नहर के दांये किनारे पर कि०मी० 72.000 से कि०मी० 72.150 मे हो रहे कटान की रोकथाम का कार्य।

Lot No. : 05

SCHEDULE - B

Sl. No.	Items of Works	Unit	Qty.	Tendered Rate	
				In Fig.	In words
1	Supplying and Pilling of Eucalyptus Ballies 5.25m to 6.00m long & 7.50 to 10.00 cm dia placing in proper position at spacing @0.45m c/c i/c cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Nos.	670.00		
2	Supplying and bracing of Eucalyptus Ballies 5.25 m to 6.00m long & 7.50 to 10.00 cm dia placing in proper position i/c cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	R/M	815.00		
3	Supplying and Filling Jhankar & Jhau in proper position, including cost of material labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Cum	108.00		
4	Supplying Local Earth and filling in E.C. Bags including laying proper position with Loading unloading and carriage including cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Nos.	13820.00		
5	Earth work in filling between balli screening and canal bank i/c cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Cum.	800.00		

Sig. of Contractor

IRRIGATION CONSTRUCTION DIVISION MEERUT

Name of Work: ऊपरी गंगा नहर के बांये किनारे पर कि०मी० 74.930 से कि०मी० 75.000 एवं दांये किनारे पर कि०मी० 74.930 से कि०मी० 75.000 में हो रहे कटान की रोकथाम का कार्य।

Lot No. : 06

SCHEDULE - B

Sl. No.	Items of Works	Unit	Qty.	Tendered Rate	
				In Fig.	In words
1	Supplying and Pilling of Eucalyptus Ballies 5.25m to 6.00m long & 7.50 to 10.00 cm dia placing in proper position at spacing @0.45m c/c i/c cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Nos.	314.00		
2	Supplying and bracing of Eucalyptus Ballies 5.25 m to 6.00m long & 7.50 to 10.00 cm dia placing in proper position i/c cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	R/M	770.00		
3	Supplying and Filling Jhankar & Jhau in proper position, including cost of material labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Cum	100.00		
4	Supplying Local Earth and filling in E.C. Bags including laying proper position with Loading unloading and carriage including cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Nos.	12900.00		
5	Earth work in filling between balli screening and canal bank i/c cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Cum.	1200.00		

Sig. of Contractor

IRRIGATION CONSTRUCTION DIVISION MEERUT

Name of Work: ऊपरी गंगा नहर के दांये किनारे पर कि०मी० 75.100 से कि०मी० 75.300 मे हो रहे कटान की रोकथाम का कार्य।

Lot No. : 07

SCHEDULE - B

Sl. No.	Items of Works	Unit	Qty.	Tendered Rate	
				In Fig.	In words
1	Supplying and Pilling of Eucalyptus Ballies 5.25m to 6.00m long & 7.50 to 10.00 cm dia placing in proper position at spacing @0.45m c/c i/c cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Nos.	890.00		
2	Supplying and bracing of Eucalyptus Ballies 5.25 m to 6.00m long & 7.50 to 10.00 cm dia placing in proper position i/c cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	R/M	1080.00		
3	Supplying and Filling Jhankar & Jhau in proper position, including cost of material labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Cum	145.00		
4	Supplying Local Earth and filling in E.C. Bags including laying proper position with Loading unloading and carriage including cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Nos.	18400.00		
5	Earth work in filling between balli screening and canal bank i/c cost of material, labour, Royalty, T&P etc. complete as directed by Engineer in charge.	Cum.	1150.00		

Sig. of Contractor

IRRIGATION CONSTRUCTION DIVISION MEERUT

Name of Work: ऊपरी गंगा नहर के पावर चैनल के बांये किनारे पर कि०मी० 68.360 से कि०मी० 68.435 पर निरगाजनी के समीप बर्म कटिंग का कार्य।

Lot No. : 08

SCHEDULE - B

Sl. No.	Items of Works	Unit	Qty.	Tendered Rate	
				In Fig.	In words
1	Earth Work in berm cutting with proper disposal beyond 200 mts. & all lift required i/c all labour, T&P etc. for proper completion of work.	Cum.	3400.00		

Sig. of Contractor

IRRIGATION CONSTRUCTION DIVISION MEERUT

Name of Work: ऊपरी गंगा नहर के पावर चैनल के बांये किनारे पर कि०मी० 68.050 से कि०मी० 68.340 पर निरगाजनी के समीप बर्म कटिंग का कार्य।

Lot No. : 09

SCHEDULE - B

Sl. No.	Items of Works	Unit	Qty.	Tendered Rate	
				In Fig.	In words
1	Cleaning thick bushes & thorny jungle without uprooting with disposal i/c all labour, T&P etc. for proper completion of work.	Sqm.	1740.00		
2	Earth Work in berm cutting with proper disposal beyond 200 mts. & all lift required i/c all labour, T&P etc. for proper completion of work.	Cum.	15300.00		

Sig. of Contractor

IRRIGATION CONSTRUCTION DIVISION MEERUT

Name of Work: ऊपरी गंगा नहर के दांये किनारे पर कि०मी० 65.500 से कि०मी० 65.900 एवं कि०मी० 68.100 से 68.340 पर बर्म कटिंग का कार्य।

Lot No. : 10

SCHEDULE - B

Sl. No.	Items of Works	Unit	Qty.	Tendered Rate	
				In Fig.	In words
1	Cleaning thick bushes & thorny jungle without uprooting with disposal i/c all labour, T&P etc. for proper completion of work.	Sqm.	1740.00		
2	Earth Work in berm cutting with proper disposal beyond 200 mts. & all lift required i/c all labour, T&P etc. for proper completion of work.	Cum.	7700.00		

Sig. of Contractor

IRRIGATION CONSTRUCTION DIVISION MEERUT

Name of Work: ऊपरी गंगा नहर के पावर चैनल के दांये किनारे पर कि०मी० 67.750 से कि०मी० 68.340 पर निरगाजनी के समीप बर्म कटिंग का कार्य।

Lot No. : 11

SCHEDULE - B

Sl. No.	Items of Works	Unit	Qty.	Tendered Rate	
				In Fig.	In words
1	Earth Work in berm cutting with proper disposal beyond 200 mts. & all lift required i/c all labour, T&P etc. for proper completion of work.	Cum.	9200.00		

Sig. of Contractor

PRE QUALIFICATION/ TECHNICAL BID

Name of Work

Tender Notice No.

- 1 टेकेदार/फर्म का नाम व पत्र व्यवहार का पूरा पता मोबाईल नम्बर सहित। :
- 2 सिंचाई विभाग की निर्धारित श्रेणी में पंजीकरण प्रमाण पत्र। :
- 3 चरित्र प्रमाण पत्र (IDT-1) :
- 4 हैसियत प्रमाण पत्र (IDT-2) :
- 5 स्व-घोषणा शपथ पत्र (IDT-3) :
- 6 (i) आयकर पैन कार्ड नम्बर :
- (ii) विगत तीन वर्षों के जमा किये गये आयकर रिटर्न की मूल प्रतियाँ। :
- 7 प्रीक्वालिफिकेशन/टैक्नीकल बिड के साथ स्टाम्प पेपर पर वांछित शपथ पत्र :
- 8 धरोहर धनराशि का विवरण (धनराशि रु०/एफ.डी.आर संख्या/दिनांक/बैंक का नाम) :
- 9 पिछले तीन वित्तीय वर्ष में से किसी एक वर्ष में कार्य की लागत के अनुरूप समान प्रकृति के कार्यों का अनुभव प्रमाण पत्र (मूल रूप में संलग्न किया जाना अनिवार्य है) :
- 10 पिछले तीन वित्तीय वर्ष में से किसी एक वित्तीय वर्ष का वार्षिक टर्नओवर का चारटर्ड एकाउन्टेड से प्रमाणित बैलेन्स शीट। :
- 11 टी०एण्ड०पी०/इक्यूपमेन्ट (मूल दस्तावेज सहित) :
 - a. ग्रेडर
 - b. कम्पैक्टर
 - c. एक्सकेवेटर
 - d. डैम्पर
 - e. अन्य

1. EARTH WORK IN RESTORATION AND PROTECTION

1.00 GENERAL

The work shall be carried out as per latest publication on U.P. Irrigation Department detailed specifications except wherein supplemented or amended by the specifications as hereinafter described. In case of any inconsistency between the two, those defined hereinafter shall govern. The tendered rates shall include operations described in those specification and also include the cost of tools and plants required for the executions of work.

1.01 LAYOUT :

Before starting the actual earth work, the center line of channel, would be checked with reference to the approved alignment and the curves laid out. The top and bottom edges of excavation and top of embankments shall be referred to an established B.M. not subject to settlement or interference.

No earth work shall be done in a length of about 15 to 30 M, where a masonry work is proposed to be constructed. Such lengths shall be marked at site by the Engineer-in-Charge.

1.02 (a) CLEARANCE OF LAND :

In digging reaches or borrow areas the ground surface in the total width of the cross-section shall be scraped to a depth of 5 to 7.5 cms. and the earth so obtained shall be disposed off as directed by Engineer-in-Charge. The scraping shall include the clearance of all jungle, vegetation trees, stumps and roots etc. No extra payment shall be made for the work.

1.02 (b) *In case of partial of full cutting reaches, the ground surface in the widths of cross-section of borrow area shall be cleared or all humus to a depth of 5 to 7.5 cms. as directed by Engineer-in-Charge and shall also include clearance of bushes, digging and holes etc. and removal of all trees stumps and roots upto a depth of 2.0 M. No extra payment shall be made for these work. In case the humus earth is to be cleared beyond 7.5 cms. Depth , the quantity of earth work so done shall be treated as an extra item of work and shall be paid extra.*

1.03 *After clearance as above, benching shall be done in the seat embankment by digging longitudinal trenches 1.0 M. deep at the outer ends sloping regularly. The earth so obtained shall be stacked outside the embankment and can be used in finishing the outer slopes of the embankment, benching and filling of trenches.*

1.04 *In filling reaches, all holes and hollows whether originally, existing or produced by digging up roots shall be filled up with suitable earth, well rammed or leveled off, for which no extra payment shall be made.*

1.05 *All deared and grabbed material shall be completely removed from site. All tree above 45 cms. Girth, measured at 1.5 meter above G.L. Standing on the land shall be the property of the Government and they shall not be removed without the written permission of the Engineer-in-Charge.*

1.06 *Record entry of operations of Clause 1.02(a).1.02(b) and 1.03 shall be done in measurement book, no payment shall be made for the same. The contractor shall obtain clearance from Engineer-in-Charge or his authorized representative before start of earth work in embankment reaches.*

1.07 INITIAL CROSS SECTION:

After signing of agreement and issue of date of commencement of work, the contractor shall clear end width of the canal as indicated hereinbefore in clause 1.02 (a),1.02(b) within a maximum period of 20 days from the date of commencement.

After the clearance of land , removal of humus and before benching operations cross-section shall be taken at every 25M along the center line. The level along the cross section

shall be observed at every 5M and at obligatory points with reference to B M's already established along the canal. The contractor or his authorized agent shall remain present during this period.

. The cross section shall be entered directly in measurement level book and signed by the contractor in token of acceptance.

The permission to start earth work only be given after the above formalities have been completed. It will be necessary on the part of contractor to seek permission in writing to start the earth work.

1.08 PROFILES:

The profiles shall be constructed at every 200M, as directed by Engineer-in-Charge, to indicate the cutting or filling sections of the canal. No extra payment shall be made for making profiles.

Stone / Pre-cast C.C. pillars 10x10x100 cms. shall be fixed by the department at every 100M. on both banks with their top at the designed Bank / Road level. The contractor shall maintain them intact during the progress of his work.

1.09 (a)- EARTH WORK IN EXCAVATION:

Canal section shall be excavated as shown on the drawing or as directed by the Engineer-in-charge. Both edges of the bank, specially the inner one shall be neatly aligned symmetrically to the center line of the channel. They shall be absolutely straight in reaches and smoothly curved on bends.

1.09 (b) The earth work in excavation shall be done in the excavation of channel section upto specified levels in all types of soil dry or wet and soil mixed with chhari, bajri and single (dry or wet) in any proportions met with at site. The contractor shall examine and satisfy himself regarding the strata to be encountered during the excavation before tendering the rates. No claim on account of the nature of the strata shall be entertained. If soils mixed with kankar is encountered during excavation it shall also be excavated by the contractor without any extra payment except that where Kankar block of minimum 20 cms dimension is excavated it shall be cleaned and stacked on the toe of bank, at the site to be indicated by the Engineer-in-Charge .

The quantities of block Kankar so stacked by the contractor shall be paid extra for Rs.4.00 over & Above the rates of earth work deducting 15% for voids.

1.09 (c) Steps for movement of labour shall be kept along the slopes of excavation and shall be projecting not less than 60 cms. outside the excavation in slope. These steps shall be removed as soon as the work of excavation is completed.

1.09 (d) Typical x-section and the disposal plan shall be made available to the contractor while handing over the site. The cross-sections shall be taken as per clause 1.08 .The final disposal plan shall be supplied to the contractor after taking cross -section as per clause above. No earth work shall be carried out by the contractor without getting the written approval and the disposal drawing from the Engineer-in-Charge or his authorized representative .The contractor is requested to pay special attention to this clause.

1.10 (a) SPOIL BANKS:

Where the earth excavated from internal section is more than required for the embankment in the same reach, the surplus earth shall be carried to the adjoining reaches where the canal is in embankment Spoil banks shall be allowed only when the earth obtained from excavation is surplus even to the requirement of the adjoining embankment reaches at the same agreement.

1.11 (b) *The earth work in spoil shall be laid according to the approved plan .The earth shall be spread over the whole area available for the purpose in layers of not more than 50 cms.*

1.12 (a) EARTH WORK IN EMBANKMENT:

Where earth is laid in embankment from borrow pit or surplus earth in digging sections of canal care shall be exercised that all large clods are broken and not bigger than 8 cms. are buried in the banks . Before procuring earth from site of excavation all perishable material shall be stripped off from the surface as specified in para 1.02 herein before and no roots, grass and other perishable materials are buried in the banks.

1.12 (b) *The earth shall be laid in the entire width of banks to be made in horizontal layers not exceeding 25 cms. for manual compaction and 30 cms. for machine compaction .The work in embankment shall so proceed that no portion of the back is higher by more than one layer from its adjacent portion. Minimum length of 50 M shall be maintained in a reasonable level condition i.e. the difference in height in adjacent reaches of 50M. shall not be more than one layer.*

1.12 (c) *Adequate labour shall be kept on the embankment for spreading earth in proper layer and compacting it by means of wooden rammers, which shall be made out of wooden piece of not less than 30cms x 30cms x10cms . Each layer shall be thoroughly rammed before the next layer is put of the embankment.*

1.12 (d) *If work remains suspended for some time and the exposed surface becomes hard, the surface shall be properly roughened by harrowing, ploughing or digging with spade and moistened to the satisfaction of Engineer-in-Charge before resumption of work. These operations shall be carried out by the contractor at his own cost and no extra payment shall be made to him.*

1.13 (a) BORROW AREA:

The borrow area shall be selected on the basis of soil parameters of the soil present in the borrow area. The soil will be tested before approval of borrow area .

The plan of the borrow area shall be supplied to the contractor and the earth shall be borrowed only from the area marked on the plan for the purpose and to a depth as approved by the Engineer-in-Charge. The borrow area shall be marked at site by degbelling , labour for which shall be supplied by the contractor.

1.13 (b) *The borrow area shall be cleared as described in para 1.02 hereinbefore No pits shall be taken from a minimum distance of 15.0 M. from the outer toe of the embankment. Borrowing of earth shall commence from farthest end of the borrow area and shall be left reasonably uniform after removing tatites and matams.*

1.13 (c) *The depth of borrow pits shall not exceed 0.5 meter. In case the contractor takes deeper pits without proper authority, he shall be responsible for payment of compensation of land as decided by Engineer-in-Charge. The rates payable to him shall also be subject to deduction in this case.*

1.13 (d) *If any drains are required to be constructed in the borrow area for moistening it or keeping it well drained the same shall be constructed by the contractor at his own cost.*

1.13 (e) *The Engineer-in-Charge shall have the discretion to declare any particular borrow material as unsuitable for replacement in the fill.*

1.14 (a)-COMPACTION:

The earth work in embankment shall be carried out in layers not exceeding 30 cms. in thickness Each layer shall be compacted manually by the contractor. The tendered rate shall

include the cost and carriage of all the T&P and cost of all operational expenses of T&P labour etc. required for manual compaction.

1.15 (a) SETTLEMENT ALLOWANCE:

In case of embankment sections made manually the settlement allowance shall be deducted from the earth work quantities computed by cross-section for making payment as below-

(i) 10% from the final bills after the completion of the work.

(ii) 5% from the final bill when one full rainy season is passed after the completion of

work, rainy season shall be accounted from 16th of June to 15th October

(iii) 2% from the final bill when two or more rainy seasons are passed after completion of work.

1.16 DRAINAGE:

In service road a lateral slope from the top of daula to outer edge shall be provided. When the ground level is higher than the top of the service road and the bank, cross drains will be constructed at every 200 M to drain out the rainwater. The longitudinal drains will have slope of 1 in 100 from center to the cross drains. The top surface of embankment during progress of work shall normally slope from edges towards the center so that during rain the surface water is carried out of the fill, suitable action shall be taken so that no water is allowed to flow on the inner slope of the excavation if the rain cuts are formed, the contractor shall repair them at his own cost.

1.17 INSPECTION ROAD:

The department shall maintain an inspection road along the channel. If the road is damaged or obstructed by disposing earth etc. on it by the contractor, he shall promptly restore it to its proper condition at his own cost, failing which this work shall be done departmentally and the expenditure so incurred shall be recovered from the contractor's bill.

1.18 (a) DRESSING SURFACE:

The final internal excavation surface of excavation the inner slopes, the top, and other slopes of the banks shall be finally dressed to a smooth finish. In case more earth than required is available and disposal in spoil banks, becomes necessary, their top surface and outer slope shall be dressed. The contractors shall initially lay and compact each layer of embankment in widths extending 0.33 meters beyond the slopes when full section of the bank is attained the slopes of the bank shall be trimmed to the specified profile of the banks and compacted. All earth removed after final dressing shall be utilised on top of banks or also wherever directed by the Engineer-in-Charge. Any hollows or cuts caused by weathering or other reason shall be made good by the contractor without any extra payment.

1.18 (b) The contractor shall permit levelling of banks for movement of Government vehicles or machines as and when required in connection with the work and he would not be entitled to any claim on that account.

1.19 INSPECTION AND TEST:

1.19(a)-All compaction operation may be subject to checking by the department. Routine field test may be conducted and regular inspection of the work shall be made by field laboratory staff to determine whether the desired compaction is being achieved. In case the tests show the proper density has not been obtained, extra rolling may be resorted to as and

when necessary. Next layer shall be laid only when the lower layer has been properly compacted.

1.19 (b)- The contractor shall permit taking of samples for performance of tests, where necessary and shall not be entitled to any claim for compensation due to any delay that may be caused on this account.

1.21 (a) –MAINTENANCE OF EARTH WORK DURING PROGRESS OF WORK

The work shall be taken over by department only when the earth work has been completed in the entire reach of the agreement in accordance with the drawings, cross section and as per specified levels to the satisfaction of the Engineer-in-Charge.

1.21 (b) – During the execution of the work contractor shall be responsible for its maintenance. Any damage to the work already executed on account of rains, cross drainages, and or flow from adjoining reach as shall be made good by him. All rain washing shall be cleared and the rain cuts repaired by him. No extra payment shall be made to the contractor for these operations.

1.21 (c) - If the work continues beyond one working season (from 15th October to 15th June) the contractor shall make kiaries on the top of embankment to hold the rain water. The daula around kiaries shall be strong enough to hold the rain water. Watch shall also be kept to avoid breaching of those daulas. He shall also make arrangement to divert all the rain water away from the excavated channel section. Arrangement shall also be made to cross all the drainage from one bank to the other. All these works shall be carried out by the contractor at his own cost. and no extra payment shall be made.

1.22 (a) – MEASUREMENT FOR PAYMENT :

Measurements for running payments upto 70% of work shall be taken by observing the level of pit excavation embankment in digging/filling and the quantity worked out by difference in initial and intermediate-observed levels. Above 70% of work the quantity of each work shall be worked out by the superimposing the said section over initial cross section.

1.22 (b) – Measurements of earth work shall be done by observing cross section at point where initial cross sections were taken to work out the quantities of E.W. These cross section shall be superimposed on the initial cross-section already plotted. The designed cross-section shall also be marked on the 'As executed' cross-sections in red and the quantity of earth work shall be calculated in both cases. In no case quantity of earth in excess of design section shall be payable to the contractor. Similarly in case where earth work from digging is used in filling, the cross-section for cutting and filling reaches shall be taken and shall be calculated separately and lesser of the two shall be payable to the contractor.

1.22 (c) – All measurement shall be taken in the presence of the contractor or his authorized agent who shall sign the measurement book in token of acceptance of measurements.

The quantities mentioned in the Schedule of Bids are tentative and may vary in either direction to any extent as per actual requirement at site and/or availability of funds.

1.23 PAYMENTS :

Running payments or when the work has been left incomplete the rate of payment shall be worked out as below:-

(a) Upto 25% of total quantity, maximum rate shall be 65% of the agreement rate.

(b) When the quantity to be paid exceeds 25% of the total quantity 'Q' to the maximum rate of payment on quantity 'Q' shall be arrived at on the following basis, but in no case will exceed 95% of tendered rate even in case where quantity exceeds the quantity as per agreement.

$$RP = \{ 0.55 + (0.40q/Q) \} \times R$$

Where,

R= Rate of earth work payable as per agreement.

RP= Maximum rate of earth work to be paid

q = Quantity of earth work done upto date of measurement.

Q= Total quantity of earth work as per agreement or to be executed lesser than those worked out as above on the basis of as executed rates shall be payable in case easier portion of the work is done such as earth work above subsoil water level etc. The decision of the Executive Engineer will be final and binding on the contractor.

Payment at full tendered rates shall be payable only when the work has been competed as per specification to the full satisfaction of the Engineer-in-Charge.

1.23 (c) *'If the contractor completes 50 M length of the canal to the satisfaction of Engineer-in-Charge in all respect i.e. final digging upto bed level and dressing of daula, service road and spoil banks the same shall be taken over by the department if ready to be handed over, payment of such reaches at full rate will be payable to the contractor as per terms and conditions of the agreement. In case any damage to the finished surface of such reach is caused by the contractor his labour intentionally or unintentionally or due to rain cuts etc. the same shall have to be repaired by the contractor at his own cost. In case failing to do so the same shall be got corrected and repaired by the Engineer-in-Charge at the cost of the contractor.*

1.23 (d) *If the actual lead in the earth work carriage is less than as specified in the relevant item, the rates shall be reduced accordingly as per Schedule of Rates.*

1.23 (e) *Any levy /Tax charged by district administration against mining & mineral act shall be paid by the department directly to the district administration. No deduction on this account will be made from the contractor.*

1.24 RATES : *The quoted rate for the Earth Work in wideing of Kanwar Road on left bank of Upper Ganges Canal will include the cost of all transportation all lifts, cost of raw earth, all taxes and royalty charges under mining and mineral act, manual compaction, labour, material, T&P, etc. for proper completion of work.*

TECHNICAL SPECIFICATION

1.00 CEMENT CONCRETE

1.01 Finishing of Concrete surface :

The top surface shall be finished by adequate vibration to produce not only the degree of consolidation desired in the surface layer of concrete but also a surface with the desired degree of roughness for bond with the next lift. Surface vibration or surface working including screening of any kind will not be permitted. In placing concrete, coarse aggregates protruding from the surface of the lift shall be pressed down into the mass during the initial compacting or vibrating operations. All top surface not covered by additional concrete on back fill shall be carried out slightly with higher grade as directed by the Engineer-in-Charge and struck off by board finish.

After the top surface of the lift is finally compacted, it shall immediately and carefully be protected from pedestrian traffic, running water, heavy rain or any activity upon the surface which may in any manner affect the setting of the concrete.

1.02 Replacement of rejected concrete :

Concrete which is not placed and compacted in accordance with these specifications and is in the opinion of the Engineer-in-Charge, of inferior quality shall be removed and replaced by the contractor. The entire cost of removing and replacing such rejected concrete shall be borne by the contractor including cost of all materials required in the replacement.

1.03 Curing and Protection

Concrete shall be suitably protected from injury until final acceptance, giving particular care to all permanently exposed corners and edges. All horizontal surfaces shall be continuously kept wet till the time of next pouring. The surface of all construction joints and all other exposed concrete surface shall ordinarily be kept moist continuously for at least three weeks after placing. The method may be of any approved device. All water used in curing, shall be free from excessive amount of silt, coloring matter and other impurities which may stain the finished work. No fire or excessive heat shall be permitted near or in direct contact with the concrete at any time.

1.04 Repair of concrete :

Repair of concrete shall be performed by skilled workmen and in the presence of an authorized representative of Engineer-in-Charge. Immediately after removal of form work, the exposed surface will be inspected by a representative of Engineer-in-Charge and no repair work will be started till such inspection has been carried out. The contractor shall correct all imperfections in the concrete surfaces as necessary to produce surface conforming to the requirement specified. Repairs of imperfection on formed concrete shall be completed as soon as practicable after removal of forms and whenever practicable within 24 (twenty four) hour after removal of form. Fines and incrustations shall be neatly removed from surface. Concrete that is damaged from any cause and concrete that is honeycombed, fractured or otherwise defective and concrete which because of excessive surface depression shall be chipped off, repaired and built up to bring the surface to the prescribed lines, with dry pack mortar or concrete as hereinafter specified. Minor honeycombing or surface bubbles may be closed by a slurry of the same cement sand mix as the concrete. Where bulges and abrupt irregularities protrude outside of formed surfaces, the projections shall be reduced by bush hammering and grinding. Off-sets and other abrupt surface irregularities on surface shall be reduced. Dry pack filling shall be used for holes

having at least one surface dimension a little greater than the hole depth, for holes left by the removal of fasteners from the ends of form tie rods and for narrow slots cut for repair of cracks. Dry pack shall not be used for filling behind reinforcement or for filling holes that extend completely through a concrete section. Mortar filling placed under impact by use of a mortar gun shall be used for holes too wide for dry pack filling and too shallow for concrete filling and not deeper than the far side of the reinforcement that is nearest the surface. Concrete filling shall be used for holes which are greater in area than 0.1 Sq.m. and deeper than 10 cms and for holes in reinforced concrete which extend beyond reinforcement. All materials, procedure and operations used in the repair of concrete shall be subject to approval of Engineer-in-Charge. All filling shall be bonded tightly to the surface of the holes and shall sound and free from shrinkage cracks after the filling have been cured and have dried. All filling in surface prominently exposed to view shall contain sufficient white Portland cement to produce the same color as that of adjoining concrete. The cost of all materials including cement, labour and equipment used in the repair of concrete which is found to be damaged or defective or not with in the specified limits before final acceptance of the work shall be borne by the contractor.

1.05 Finishing of concrete Surface :

Finishing of concrete surface which are prominently exposed to view shall be performed only by skilled workmen according to the direction of the Engineer-in-Charge. The finish shall have uniform and even surface and color. The finished surfaces shall have as uniform finish as possible without any rendering.

1.06 Measurement and payment of concrete:

(i) Measurement of concrete for payment will be made only to the lines of the structures as Indicated in the drawings as subsequently modified by the Engineer-in-Charge. In measuring concrete for payment the volume of all recess, passage, openings, cavities and depressions except reinforcement bars, bolts and draining pipe etc. will be deducted. In the event of foundation having been excavated beyond the required lines as per drawings or as directed by the Engineer-in-Charge, the contractor shall fill the same with the similar grade concrete as in the foundation and no extra payment shall be made on this account. Any change in the proportion of the concrete mixes will not entitle the contractor to any adjustment in the rates except the cost of cement. Besides the mode of measurement as described above in this Para. The quantities of concrete shall also be measured by recording the number of mixes actually placed and used in the concrete. The lesser of the quantities worked out by above alternatives of mode of measurements shall be paid to the contractor.

(ii) The Government will specify strength of concrete to be laid by contractor. Laboratory test as per standard practice would be carried out with the used of specified aggregate and cement to find out the cement concrete required to given the desired strength of structure. If the consumption of cement is less of more than to specified in the schedule of consultation enclosed with the tender the cost of the difference in cement consumption shall be added or deducted accordingly.

(iii) The cost of cement consumed in the slurry or cement mortar in construction joints will be recovered at the rate of schedule 'B'. The proportion of cement and sand in the slurry or cement mortar will be the same as for corresponding concrete. For purpose of measurements of concrete payable to the contractor, the slurry of cement mortar in construction lift joints shall be treated as part of cement concrete.

(iv) All the relevant records regarding the quality of work shall be maintained by the contractor and the department according to the instruction issued by the Engineer-in-Charge.

(v) Initially only 90% payment for concrete including payment for cement variation if any, will be made the contractor. Out of the balance 10% payment, 5% will be paid after repairs, finishing and proper curing and balance 5% on final clean up of the concrete surfaces.

TECHNICAL SPECIFICATION

1.00 BRICK MASONARY

- 1.01 The work shall consists of construction of brick masonry in different thickness are together by cement mortar of required grade as per direction of Engineer-in-Charge.
- 1.02 **Cement Mortar:** Cement and coarse sand shall be mixed in specified proportion as given the item. Al mortar shall be mixed with a minimum quantity of water to produce desire workability consistent with maximum density or mortar. Mortar shall be mixed only in sue quantity as required for immediate use. The mortar should be mixed, mechanically b concrete mixer.
- 1.03 **Bricks:** Brick shall generally conform to specification for brick class 75. Brick shall no absorb water more than 20% of their own weight after 24 hours of immersion in cold water. All brick shall be thoroughly soaked in water for a minimum period of one hours prior t, being laid.
- 1.04 **Joints:** The thickness of joints shall not exceed 10mm. All joints on exposed faces shall be tooled of give concave finish.
- 1.05 **Curing:** Green work shall be protected from rain by suitable covering and shall be kept constantly moist on all faces for a minimum of period of seven day.
- 1.06 **Measurement & Payment:** All brick work shall be measured in cubic metres. The rate for brick work shall include cost of all labour, materials, tool & plants, scaffolding and other incidental to the satisfactory completion of the work.

2.00 CEMENT PLASTER AND CEMENT POINTING:

- 2.01 **(a) 12.50 mm thick cement plaster in 1:3 cement mortar:**
- 2.02 Mortar shall be prepared by 3 part of sand with 1 part of cement by volume and shall be mixed mechanically by concrete mixer. This of mixing should be fixed in such a way that it attaining a uniform color.
- 2.03 The joints shall be racked out properly. Dust and loose mortar shall be brushed out. The surface shall then be thoroughly washed with water, cleaned and kept wet before plaster is commenced. The joints shall be racked not less than 12mm from the surface of the wall.
- 2.04 The thickness of plaster when applied over brick work shall be 10mm to 12.5mm. The plaster shall be applied in two or three coats of equal thickness. The first coat is called the under coat and the second is finished coat.
- 2.05 Curing shall be started 24 hours after finishing the plaster or as soon as the plaster has hardened sufficiently not to be damaged when watered. The plaster shall be kept wet for a period of 7 days. During this period it shall be protected from all damages.
- 2.06 The measurement shall be recorded in length and width and calculated in Sq.m near to two places of decimal.
- 2.07 The tendered rate shall include cost of all materials labour. T & P etc. for proper completion of work.

2.08 **(b) Strucked and flush Cement pointing in 1:2 cement mortar:**

- 2.09 Mortar shall be prepared by 2 part of sand with 1 part of cement by volume. The measured quantity of sand shall be leveled on clean platform and cement bags emptied on top. The cement and sand shall be thoroughly mixed dry by being turned over and over, backward and forward several times till the mixture is of a uniform color.
- 2.10 The joints shall be raked out properly. Dust and loose mortar shall be brushed out. The surface shall then be thoroughly washed with water, cleaned and kept wet before pointing is commenced. The joints shall be raked not less than 12mm from the surface of the wall.
- 2.11 The mortar shall be pressed into the raked out joints, with a pointing trowel. The top of the horizontal joints then be nearly pressed back by about 3mm with the pointing that the joints are sloping from top to bottom.
- 2.12 The pointing shall be kept wet for a period of 7 days. During this period it shall be protected from all damages.
- 2.13 The measurement shall be recorded in length and width and calculated in sqm near to two places of decimal.
- 2.14 The tendered rate shall include cost of all materials, labour, T &P etc. for proper completion of work.

SCHEDULE CONSUMPTION OF MATERIALS

Sl. No.	Item of work	Unit	Quantity of cements to be issued in Bags	
			Crushed Aggregates	Natural Aggregates
1.	C.C. 1 : 1.5 : 3 (M- 200)	Cum.	7.90	7.56
2.	C.C. 1 : 2 : 4 (M- 150)	Cum.	6.10	5.76
3.	C.C. 1 : 3 : 6 (M- 100)	Cum.	4.30	4.15
4.	C.C. 1 : 4 : 8 (M- 80)	Cum.	3.40	3.25
5.	Brick work in 1 : 3 C.M.	Cum.	2.60	
6.	Brick work in 1 : 4 C.M.	Cum.	2.00	
7.	12 mm thick Cement Plaster in 1 : 4	Sqm.	0.11	
8.	12 mm thick Cement Plaster in 1 : 3	Sqm.	0.14	
9.	Struck Deep Cement Pointing 1 : 2	Sqm.	0.055	

MATERIALS

1.00 MATERIALS TO BE SUPPLIED BY THE DEPARTMENT

1.01 The following materials will be supplied by the department at the rates and stores specified against each item.

Sl. No.	Material	Site of Issue	Unit	Department Issue Rate
1.	Cement Bags.	Department store	Bag	Rs. 258.00
2.	E.C. Bags	- do -	-No-	Rs. 1.00

Any other materials if available may be supplied to the contractor with written permission of the Engineer-in-charge at departmental stores at prevailing issue plus 100 % supervision charges.