



न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड
NUCLEAR POWER CORPORATION OF INDIA LIMITED
(भारत सरकार का उद्यम)
(A Govt. of India Enterprise)
नरौरा परमाणु विद्युत केंद्र
Narora Atomic Power Station
पोस्ट: एन.ए.पी.एस टाउनशिप, नरौरा जिला बुलंदशहर, (उ.प्र.)- 203389
PO: NAPS Township, Narora, Distt. Bulandshahr, (UP) – 203389
दूरभाष Phone: 05734-222167 इंटरकॉम Intercom: 4504
ई-मेल E-Mail : hssingh@npcil.co.in



पंजीकृत कार्यालय Registered Office
16वां तल 16th Floor,
विश्व व्यापार केंद्र World Trade Centre
कफे परेड Cuffe Parade,
कोलाबा Colaba
मुम्बई Mumbai – 400 005
सी.आई.एन. सं.:U40104MH1987GOI149458
CIN No.: U40104MH1987GOI149458
वेबसाइट Website: www.npcil.nic.in

संदर्भ: एनएपीएस/सीटीसी/सीवीएल/सीपीपीपी/पीटी/1125/ डब्ल्यूओएस/8107
Ref: NAPS/CTC/CVL/CPPP/PT/1125/WOS/8107

दिनांक Date:

To,
Cengrs Geotechnica Private Limited
B-3/87, Safdarjung Enclave
New Delhi-110029
GSTIN:09AAACC0043N1ZS
07AAACC0043N1ZW

एमएसएमई MSME	Yes, Small
कार्यादेश संख्या Work Order No.	8107
उपखाता कोड Subledger Code	COO53
लेखा कोड Account Code	14390
लागत केंद्र कोड Cost Centre Code	645

कार्यादेश WORK ORDER

Name of work	:	Geo-technical investigations, field & laboratory tests for Dyke wall of Narora Atomic Power Station-1&2 (NAPS-1&2) at Narora, District Bulandshahr, Uttar Pradesh.
संदर्भ Reference	:	
1. निविदा संख्या	:	एनएपीएस/सीटीसी/सीवीएल/2024/सीपीपीपी/पीटी/1125
1. Tender No.	:	NAPS/CTC/CVL/2024/CPPP/PT/1125 DATED-28/11/2024
2. सीपीपीपी निविदा आईडी	:	2024_ एनपीसीआईएल_216789_1
2. CPPP Tender ID	:	2024_NPCIL_216789_1 DATED -28/11/2024
3. Corrigendum-1	:	NAPS/CTC/2024/S/264 DATED-18/12/2024

प्रिय महोदय / Dear Sir,

कृपया उपर्युक्त कार्य के लिए एनआईटी संख्या एनएपीएस/सीटीसी/सीवीएल/2024/सीपीपीपी/पीटी/1125 के पक्ष में अपने ऊपर उद्धृत निविदा का संदर्भ लें जिसका भाग-I 28/12/2024 को खोला गया था और भाग-II 21/02/2025 को खोला गया था।

Please refer to your above cited tender in response to NIT No. NAPS/CTC/CVL/2024/CPPP/PT/1125 for the above work part-1 of which was opened on 28/12/2024 and part-II on 21/02/2025

[Signature]

[Signature]

उपस्थित अधिकारी Maint. Supdt.
नरौरा परमाणु विजली घर, नरौरा
Narora Atomic Power Station, Narora

- 1) आपको सूचित किया जाता है कि आपके द्वारा प्रस्तुत निविदा को एनपीसीआईएल के लिए एवं की ओर से, निविदा में समाविष्ट दर और मात्रा अनुसूची में दर्शाये गए कार्य की मदों के लिए वस्तु एवं सेवाकर सहित संविदा लागत ₹ 27,07,185/- (रुपये सत्ताईस लाख सात हजार एक सौ पिच्चासी मात्र) के लिए स्वीकार कर लिया गया है।

This is to inform you that the tender submitted by you has been accepted for and on behalf of NPCIL, for the items of work shown in the schedule of quantities and rates covered by the tender for a contract value of **Rs. 27,07,185/- (Rupees Twenty Seven Lakh Seven Thousand One Hundred Eighty Five Only)** including Goods and Services tax.

- 2) संलग्न मात्रा और दर अनुसूची में कोई भी मद असामान्य रूप से उच्च दर (AHR) नहीं हैं। और मद संख्या 1.01, 1.02, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13.01, 13.02, 14.01, 14.02, 14.03, 14.04, 14.05, 14.06, 14.07, 14.08, 14.09, 14.10 और 15 असामान्य रूप से निम्न दर की हैं।

There is no Abnormally High Rated (AHR) item and Item No. 1.01, 1.02, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13.01, 13.02, 14.01, 14.02, 14.03, 14.04, 14.05, 14.06, 14.07, 14.08, 14.09, 14.10 and 15 are Abnormally Low Rated (ALR) items in the attached schedule of quantities and rates.

- 3) निविदा में निर्दिष्ट शर्तों, निबंधनों, विनिर्देशों और ड्राइंगों के अनुसार कार्य सख्ती से और श्रेष्ठतम कौशल के साथ किया जाएगा। आप हर समय कार्य पर योग्य कर्मचारियों को नियुक्त करेंगे हर समय बनाए रखेंगे। आप कार्य स्थल पर ऐसी मशीनरी, उपकरणों आर अन्य सामग्री भी लाएंगे एवं कार्य में प्रयोग करेंगे, जोकि इस कार्य को संतोषजनक ढंग से पूरा करने के लिए आवश्यक हैं।

The work shall be carried out strictly in accordance with the terms, conditions, specifications and drawings stipulated in the tender and also in best workmanlike manner. You shall employ and maintain qualified staff in the job at all times. You shall also bring to the site and employ such machinery and equipments and other materials as are necessary for the satisfactory completion of this work.

- 4) प्रारंभ तिथि से पाँच (05) कैलेंडर माह के भीतर हर प्रकार से कार्य पूरा किया जाएगा। प्रारंभ होने की तारीख की गणना 05/05/2025 से की जाएगी। समय अनुबंध का सार होगी और कार्य अनुमोदित कार्यक्रम के अनुसार पूरा किया जाएगा।

The work shall be completed in all respects within **Five (05) Calendar Months** from the date of commencement. The date of commencement will be reckoned from **05/05/2025**. The time shall be essence of the contract and the work shall be completed as per approved program of work.

- 5) भुगतान में वृद्धि जैसा कि संविदा में इंगित किया गया है, भी देय होगी (यदि लागू हो)। Escalation of payment as indicated in the Contract shall also be payable (if applicable).

By
11/05/25

For Work
02/05/25

Atomic Power Station, Bhabha Atomic Power Station, Mumbai
Atomic Power Station, Bhabha Atomic Power Station, Mumbai
Atomic Power Station, Bhabha Atomic Power Station, Mumbai

- 6) आपसे अनुरोध है कि इस संविदा के सभी मामलों के पर्यवेक्षण हेतु अपने अधिकृत प्रतिनिधि का नाम सूचित करें और उचित मूल्य के स्टाम्प पेपर पर विधिवत निष्पादित मुख्तारनामा उनके पक्ष में प्रस्तुत करेंगे।

You are requested to inform the name of the authorized representative who will deal with all matters relating to the contract and the Power of Attorney in his favour duly executed on stamped paper of an appropriate value shall be furnished.

- 7) संविदा निष्पादन के दौरान और आपको कार्य समाप्ति प्रमाण पत्र जारी होने तक, आपकी वजह से तृतीय पक्ष को हुई हानि या क्षति सहित किसी भी कार्य, संरचना, संपत्ति आदि की हानि, क्षति या विनाश के लिए सभी संबंधितों को क्षतिपूर्ति करने के लिए आप पूरी तरह से उत्तरदायी होंगे और इसका निर्णय प्रभारी अभियंता द्वारा किया जाएगा और इस संदर्भ में उनका निर्णय अंतिम होगा।

During the execution of the contract and until completion certificate is issued you will be fully liable to compensate all concerned for any loss, damage or destruction of work, structure, property etc. including third party risk arising due to causes attributable to you which will be decided by the Engineer-in-Charge whose decision in this regard will be final.

- 8) अनुबंध की शर्तों के अनुसार आपको सभी लागू बीमा (एससीसी के 3.7.7 के अनुसार ईएसआई सहित) पॉलिसियाँ लेनी होंगी, एवं इससे संबंधित दस्तावेजों को कार्य शुरू होने से पहले प्रभारी-अभियंता को जमा किया जाना चाहिए।

You are required to take all applicable insurance (including ESI as per 3.7.7 of SCC) policies as per the conditions of the contract and documents in this required should be submitted to engineer-in-charge before start of work.

- 9) इस कार्य हेतु कार्य संविदा पर केंद्र अथवा राज्य सरकार द्वारा समय-समय पर यथा अधिसूचित आयकर और अन्य सांविधिक कर, यदि कोई हो, तो उसकी वसूली निर्धारित तरीके से आपके अंतरिम बिलों के अलावा अंतिम बिल से भी की जाएगी। आपसे अनुरोध है कि आप अपना स्थायी खाता संख्या (पैन नंबर) प्रभारी अभियंता सूचित करें।

Income Tax and statutory Levy, if any, on works contract as notified by Central/ State Govt. from time to time shall be recovered from your running bills as well as final bills for this work in the prescribed manner. You are requested to intimate your permanent Account number to Engineer-in-Charge.

- 10) श्री शशांक अग्रवाल वै.अधि.ई.(सिविल) इस कार्य के प्रभारी अभियंता होंगे। आप प्रभारी अभियंता के साथ परामर्श करके तत्काल कार्य शुरू करने के लिए आवश्यक व्यवस्था करें।

Shri Shashank Agrawal, SO/E (Civil) will be the Engineer-in-Charge of this work. You may make necessary arrangements for commencing the work immediately in consultation with Engineer-in-charge.

- 11) कृपया आप ध्यान दें कि प्रतिभूति जमाराशि ₹ 2,70,718/- (संविदा मूल्य के 10% की दर से) होगी। प्रारंभ में आपको ₹ 1,35,359/- (प्रतिभूति जमाराशि का 50%) निष्पादन गारंटी के रूप में जमा करने होंगे। प्रतिभूति जमाराशि ₹ 1,35,359/- की शेष धनराशि प्रत्येक

[Signature]

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02/04/24

अनुपम अधिकृत Maint. Supdt.
कक्षा परमाणु विजली घर, नररा
Atomic Power Station, Narora

बिल राशि के 6% की दर से अंतरिम बिलों या अंतिम बिल से वसूल की जाएगी। प्रतिभूति जमा राशि पर कोई ब्याज देय नहीं होगा।

You may please note that Security Deposit will be ₹ 2,70,718/- (@10% of contract value). Initially you will have to submit a performance guarantee for ₹ 1,35,359/- (50% of Security Deposit). The remaining amount of Security Deposit of ₹ 1,35,359/- will be recovered from the RA bill/ Final bill at the rate of 6% of each bill amount. Security Deposit amount will not bear any interest.

- 12) आपको ठेका श्रमिक (विनियमन एवं उन्मूलन) अधिनियम-1970 के विभिन्न उपबंधों और उसके बाद समय - समय पर बनाए गए नियमों का अनुपालन करना होगा। यदि ठेका श्रमिक अधिनियम आपके प्रतिष्ठान पर लागू नहीं होता है, तो आप कार्य शुरू करने से पहले इस कार्य के प्रभारी अभियंता को तदनुसार सूचित करेंगे। इसके अलावा, आपके प्रतिष्ठान पर लागू अन्य कानूनों जैसे- कामगार क्षतिपूर्ति अधिनियम-1923, न्यूनतम मजदूरी अधिनियम-1948, कर्मचारी भविष्य निधि अधिनियम, उपदान अधिनियम और अन्य श्रम कानूनों का आप अनुपालन करेंगे। यदि एनपीसीआईएल को प्रधान नियोक्ता तौर पर विभिन्न कानूनी उपबंधों के अधीन कोई व्यय करना पड़ता है, तो एनपीसीआईएल उसे आपसे अथवा आपके बिलों से वसूल करने का हकदार होगा।

You shall comply with various provisions of the contract labour (Regulations & Abolition) Act 1970 and rules framed thereafter from time to time. In case, the Contract labour Act does not apply to your organisation you should intimate the Engineer-in-charge of this work accordingly before commencing the work. Further you shall also comply with the provisions of other laws such as Workmen's Compensation Act 1923, Minimum wages Act 1948, E.P.F. Act, Gratuity Act and other labour laws as applicable to your organisation. In case, NPCIL is required to incur any expenses as principal employer under the provisions of the various laws, NPCIL shall be entitled to recover the same from you/your bills.

- 13) आपके द्वारा इस कार्य पर लगाए जाने वाले प्रस्तावित कामगारों की अधिकतम संख्या के आधार पर श्रम लाइसेंस, यदि लागू हो, प्राप्त करने के लिए प्रधान नियोक्ता का प्रमाणपत्र आपकी माँग पर जारी किया जाएगा। कृपया ध्यान दें कि इस कार्यादेश के जारी होने की तारीख से 14 दिनों के भीतर, आपको इस कार्य पर लगाए जाने वाले अधिकतम कामगारों हेतु श्रम लाइसेंस के लिए क्षेत्र के सहायक श्रम आयुक्त (केंद्रीय) के कार्यालय में आवेदन करना होगा। आवेदन की एक प्रति कार्य शुरू होने के एक सप्ताह के भीतर कार्य के प्रभारी अभियंता के समक्ष प्रस्तुत करनी होगी।

Principal Employer's certificate for obtaining labour license, if applicable based on the maximum number of workmen you propose to employ for this work will be issued upon requisition. You may please note that within 14 days from the date of issue of this work order, you will have to apply for a labour license to the Asstt. Labour Commissioner (Central), of the area, for the maximum number of workers you have to engage on the work. A copy of the application will have to be furnished to the Engineer-in-charge of the work within a week time from start of work.

- 14) प्रथम अंतरिम बिल का भुगतान केवल श्रम लाइसेंस / श्रम लाइसेंस रसीद (यदि लागू हो) प्रस्तुत करने पर ही किया जाएगा।

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2010/11/11
Atomic Power Station, Narora
Supdt. Maint. Supdt.
जिला परमाणु विजली पर, नरारा

The first running account bill will be paid only on production of labour license/ labour license receipt, if applicable.

- 15) आपसे अनुरोध है कि समझौते पर हस्ताक्षर करने के लिए आप कार्यालय में उपस्थित हों। औपचारिक अनुबंध होने तक प्रसंगाधीन पत्रों सहित मूल निविदा और यह कार्यदेश हमारे बीच बाध्यकारी संविदा होगा।

You are requested to attend the office for signing the agreement. Till a formal agreement is executed the original tender together with letters under reference and this work order shall form the binding contract between us.

कृपया इस कार्यदेश की प्राप्ति और स्वीकृति यथाशीघ्र दें।

Kindly acknowledge receipt of this Work Order & acceptance at the earliest.

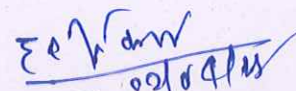
धन्यवाद Thanking you,

टिप्पणी: किसी भी विवाद या निर्वचन की स्थिति में अंग्रेजी पाठ ही मान्य होगा।

Remark: In case of any inconsistency or discrepancy the English version shall prevail.

भवदीय

Yours faithfully



(एच.एस. सिंह H.S. Singh)

अनुरक्षण अधीक्षक, एनएपीएस

Maintenance Superintendent, NAPS

एनपीसीआईएल के लिए एवं की ओर से

For and on behalf of N.P.C.I.L

संलग्नक i) सामग्री आपूर्ति अनुसूची

Encl.

(निविदा दस्तावेज के खंड-4 की अनुसूची-बी एवं सी तथा खंड-7)
Schedule of supply of material
(Section -VII and Schedule B & C of Section IV of tender document)

ii) मात्रा एवं दर अनुसूची

Schedule of Quantities & Rates

प्रतिलिपि

CC:

- | | |
|------|--|
| i) | के.नि. SD / मु.अ. CS |
| ii) | संबंधित समूह प्रमुख Concerned Group Head |
| iii) | उप.म.प्र.(मा.सं.) DGM, HR |
| iv) | वरि. कमाण्डेण्ट, के.औ.सु.ब., एनएपीएस स्थल
Sr. Commandant, CISF, NAPS Site |

सॉफ्ट प्रति का वितरण
Distribution of soft copy



v)	कार्यादेश हस्ताक्षर करने वाले प्राधिकारी WO signing authority	निविदा दस्तावेज एवं संलग्नकों सहित सॉफ्ट प्रति का वितरण
vi)	प्रभारी अभियंता Engineer In Charge	
vii)	वरि. अभियंता, क्यू.ए. Senior Engineer, QA	Distribution of soft copy with enclosures & tender document
viii)	सतर्कता अधिकारी, एनएपीएस Vigilance Officer, NAPS	
ix)	उप सतर्कता अधिकारी, एनएपीएस DVO, NAPS	
x)	वरि. प्र. (वि.एवं ले.) Sr. Mgr., F&A	संलग्नकों सहित मुद्रित प्रति का वितरण
xi)	प्रभारी, सीटीसी, ENC, CTC	Distribution of hard copy with enclosures
xii)	फाइल प्रति File Copy	

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अ. वि. प्र. अधीक्षक Maint. Supdt.
राजस्थान परमाणु विजली घर, जोधपुर
Atomic Power Station, Jodhpur

अनुसूची 'बी' SCHEDULE 'B'

ठेकेदार को जारी की गई सामग्री
MATERIAL ISSUED TO THE CONTRACTOR

क्रसं S.No.	विवरण Particulars	यूनिट Unit	दर जिसपर सामग्री जारी की जाएगी Rate at which material will be issued	अधिकतम अदृश्य अपशिष्ट (गैर-वापसी योग्य) Max. invisible wastage (Non- Returnable) %	अधिकतम अनुज्ञेय अपशिष्ट (निःशुल्क जारी के स्थिति में लौटाने योग्य) Max. permissible wastage (Returnable in case of free issue) %	जारी की जाने वाली मात्रा (अनुमानित) Qty. to be issued (approx.)
1	2	3	4	5	6	7
	NIL	NIL	NIL	NIL	NIL	NIL

अनुसूची 'सी' SCHEDULE 'C'

ठेकेदार को किराए पर दिए जाने वाले उपकरण एवं यंत्र
TOOLS AND PLANT TO BE HIRED TO THE CONTRACTOR

क्रसं S.No.	विवरण Particulars	उपलब्ध संख्या Number available	प्रति दिन प्रति यूनिट किराया प्रभार Hire charges per Unit per working day Rs.	अनुरक्षण की आवृत्ति Frequency of Maintenance	प्रति यूनिट मूल्य Value Per Unit	जारी करने का स्थान Place of issue	ठेकेदार को आवश्यक संख्या Number required by the Contractor
1	2	3	4	5	6	7	8
-	NIL	-	NIL	-	NIL	-	NIL

Sh. (14/11/21)

22/04/21

अधीक्षक Maint. Supdt.
परमाणु विजली घर, नरोरा
Narora Atomic Power Station, Narora

SECTION-07

SCHEDULE OF MATERIALS TO BE SUPPLIED BY THE CORPORATION TO THE CONTRACTOR

*Material will be issued as per Schedule B of General Conditions of
Contract, Section-04*

Shy
(14/11)

Ex. W. S.
02/09/14

अध्यक्ष अधिकार Maint. Supdt.
श्री. प्रमाण विज्ञानी मंत्र. मंत्र.
Narora Atomic Power Station, Narora

NUCLEAR POWER CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

Narora Site

Schedule Of Quantities And Rates



Print Date: 28-Mar-2025

CoManas

Name of Work: Geo-technical investigations, field and laboratory tests for Dyke wall of Narora Atomic Power Station-1 and 2 (NAPS-1 and 2) at Narora, District Bulandshahr, Uttar Pradesh.

WO / SOQR Number : 8107

Agency Name : Cengrs Geotechnica Private Limited

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
Schedule : CIVIL:NA							
1	Rotary boring/ drilling of "SX" (150mm) size and 'NX'(75 mm) size holes and enlarging to "SX" (150mm) size in-progressive manner, by first making "SX" size hole upto the depth of UDS collection, , collecting suitable number of UDS as per drawing and schedule in a 150 mm hole, then making a 75 mm borehole for PMT test, conducting the PMT test , then enlarging it to 150 mm,Note- for complete item description please refer Annexure-D of Technical Specification. The quoted rate shall include the activities as mentioned against Sl. no-1 of item description of Annexure-D of Technical specification.	RM	150	7300	-	-	10,95,000.00
1.01	0 M to 25 M	RM	150	600	-	-	90,000.00
1.02	Providing and installing permanent new PVC casing of hX size dia in the already drilled SX size holes including filling the annular space by Bentonite / other suitable material as directed by EIC along with necessary coupling, cutting, threading etc. complete, in the above specified drilled holes, wherever asked for by the Engineer.	Nos	50	425	-	-	21,250.00
2	Conducting Standard Penetration Test (SPT) in the bore holes @ every 3m depth and / or change of strata in all the bore hole.. Collecting & Packing SPT samples from split spoon sampler, proper sealing using wax etc. and transport to laboratory for testing suitably as per Technical Specification and IS codes. Note: The scope of the item shall also include safe retrieval, packaging, supply of core boxes, sealing, labelling, preservation of SPT spoon samples in the manner as specified in IS 4078: 1980 and other applicable code. Core Boxes made up of GI sheets (GI sheet of thickness not less than 0.60 mm conforming to IS 277:2003 shall be sturdy)	Nos	50	650	-	-	32,500.00
3	Obtaining Undisturbed tube / piston soil samples. 90 mm diameter & 450 mm long from all depths of the drilled boreholes, necessary sealing and transporting the same to testing laboratory as per specifications and as directed by the engineer. Note: Bidder should study the sample borelogs to understand the soil type expected to be encountered for sampling. Collection of undisturbed samples will require deployment of special samplers viz. Mazier/Denison etc considering the silty sand strata at site. Samples to be collected before conducting SPT in the bore holes. As an alternate acceptance, 2 nos. of Undisturbed samples of size 75mm diameter & 300mm long may be permitted but it will be considered as one no. of sample for payment purpose.	Nos	50	650	-	-	32,500.00

Ans 14/4

Er. Wam
02/04/20

Supdt.
Narora Atomic Power Station, Narora

Name of Work: Geo-technical investigations, field and laboratory tests for Dyke wall of Narora Atomic Power Station-1 and 2 (NAPS-1 and 2) at Narora, District Bulandshahr, Uttar Pradesh.

WO / SOQR Number : 8107

Agency Name : Cengrs Geotechnica Private Limited

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
4	Carrying out pressure meter tests (PMT) by volume increment method in soil upto 100 bars or as required in homes at specified depths for estimation of modulus of elasticity of soil etc. as per ASTM 4719 and ISO 22476-4 and other relevant code, technical specification and drawings in selected boreholes as directed by Engineer in charge and establishment of Elastic Modulus and Deformation modulus. Note- 50% payment will be released after conducting the test at site, 30% on submission of draft report along with required data and remaining payment will be released after review and acceptance of final report by NPCIL.	Nos	8	47500	-	-	3,80,000.00
		Rupees Forty Seven Thousand Five Hundreds Only					
5	Plugging of bore holes with the cement in-situ soil grout (1:6) of flowing consistency after the completion of all the tests in the bore holes as per the direction and clearance of the Engineer etc all complete. Note: The grouting of the hole shall be done using a tremie extending upto bottom of the hole and raising the same as the grouting proceeds.	RM	150	400	-	-	60,000.00
		Rupees Four Hundreds Only					
6	LABORATORY TESTS ON SOIL SAMPLES- Conducting Grain size analysis, particle size & percent fines distribution of soil and soil classification (IS 1498), (Sieve analysis & Hydrometer or Pipette analysis) including Grain Size Distribution curve as per drawings, specifications, IS 2720 (part4) and as directed by the Engineer on disturbed soil sample from SPT or undisturbed samples as per specifications, IS 2720 (Part4) and as directed by the Engineer.	Nos	50	250	-	-	12,500.00
		Rupees Two Hundreds Fifty Only					
7	LABORATORY TESTS ON SOIL SAMPLES- Conducting index properties of soil such as Liquid limit, plastic limit and plasticity index etc as per drawings, specification, IS 2720 (Part 5), IS 9259 on undisturbed soil samples and direction of the Engineer. Three tests of each soil sample will be considered as one set.	Set	50	400	-	-	20,000.00
		Rupees Four Hundreds Only					
8	LABORATORY TESTS ON SOIL SAMPLES- Conducting Specific gravity as per specification, drawings, IS 2720 (Part 3) and as directed by the Engineer. Three tests of each soil sample will be considered as one set.	Set	50	250	-	-	12,500.00
		Rupees Two Hundreds Fifty Only					
	LABORATORY TESTS ON SOIL SAMPLES- Conducting tests for bulk density and natural moisture content from the undisturbed samples collected from selected bore holes as per drawings, specifications, IS 2720 and as directed by the Engineer. Note: One set will comprise of one test each for bulk density and natural moisture content.	Set	50	300	-	-	15,000.00
		Rupees Three Hundreds Only					
10	LABORATORY TESTS ON SOIL SAMPLES- Conducting chemical analysis of undisturbed soil samples or disturbed SPT soil samples coated with wax including total soluble solids, organic matter, Calcium carbonate, cation exchange capacity, silica sesquioxide ratio, sulphates as SO ₄ , Chlorides and PH as per drawing, specification, IS 2720 (Part 21,22,23,24,25,26, & 27) and as directed by the Engineer.	Nos	2	4000	-	-	8,000.00
		Rupees Four Thousand Only					
11	LABORATORY TESTS ON SOIL SAMPLES- Conducting Consolidation test on undisturbed soil samples, giving full test results including e - log p curve, virgin curves, C.e, av, Cc , etc as per drawing and relevant IS code:2720 Part 15.	Nos	6	350	-	-	2,100.00
		Rupees Three Hundreds Fifty Only					
12	LABORATORY TESTS ON SOIL SAMPLES- Excavating a pit of size 1m x 1m x 1.5m (Depth) and obtaining and collecting the excavated earth and conducting compaction test on re-moulded soil sample as per drawings, specifications and as directed by the Engineer.						-
12.01	Using light compaction, as per IS:2720-Part-VII.	Nos	2	5900	-	-	11,800.00
		Rupees Five Thousand Nine Hundreds Only					

Name of Work: Geo-technical investigations, field and laboratory tests for Dyke wall of Narora Atomic Power Station-1 and 2 (NAPS-1 and 2) at Narora, District Bulandshahr, Uttar Pradesh.

WO / SOQR Number : 8107

Agency Name : Cengrs Geotechnica Private Limited

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
				Rate in Words			
12.02	Using heavy compaction as per IS:2720 – Part-VIII.	Nos	2	5900	-	-	11,800.00
				Rupees Five Thousand Nine Hundreds Only			
13	LABORATORY TESTS ON SOIL SAMPLES- Conducting triaxial compressive strength test on undisturbed soil samples or on remoulded soil samples as per drawings, specifications, relevant IS 2720 (Part-11 & 12) and as directed by the Engineer.						-
13.01	Triaxial compressive strength (consolidated undrained type)	Nos	3	590	-	-	1,770.00
				Rupees Five Hundreds Ninety Only			
13.02	Triaxial compressive strength (consolidated drained type)	Nos	3	590	-	-	1,770.00
				Rupees Five Hundreds Ninety Only			
14	LABORATORY TESTS ON GROUND WATER SAMPLES-Collecting ground water samples as applicable at specified depths from drill holes (minimum 2 litres) and conducting full chemical analysis of water sample as per relevant IS code in an approved laboratory, complete as per drawing, specifications, including submission of test reports.						-
14.01	Determination of turbidity.	Nos	1	590	-	-	590.00
				Rupees Five Hundreds Ninety Only			
14.02	PH Value determination.	Nos	1	590	-	-	590.00
				Rupees Five Hundreds Ninety Only			
14.03	Alkalinity determination.	Nos	1	590	-	-	590.00
				Rupees Five Hundreds Ninety Only			
14.04	Chlorides content determination.	Nos	1	590	-	-	590.00
				Rupees Five Hundreds Ninety Only			
14.05	Sulphates content determination.	Nos	1	590	-	-	590.00
				Rupees Five Hundreds Ninety Only			
14.06	Nitrites content determination	Nos	1	590	-	-	590.00
				Rupees Five Hundreds Ninety Only			
14.07	Nitrates content determination	Nos	1	590	-	-	590.00
				Rupees Five Hundreds Ninety Only			

22/11/23

22/11/23

अधीक्षक अभियंता, नारोरा परमाणु बिजली घर, उत्तर प्रदेश
Narora Atomic Power Station, Narora

Name of Work: Geo-technical investigations, field and laboratory tests for Dyke wall of Narora Atomic Power Station-1 and 2 (NAPS-1 and 2) at Narora, District Bulandshahr, Uttar Pradesh.

WO / SOQR Number : 8107

Agency Name : Cengrs Geotechnica Private Limited

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
Rate in Words							
14.08	Flourides content determination	Nos	1	590	-	-	590.00
				Rupees Five Hundreds Ninety Only			
14.09	Free & Saline ammonia content determination.	Nos	1	590	-	-	590.00
				Rupees Five Hundreds Ninety Only			
14.10	Determination of hardness.	Nos	1	885	-	-	885.00
				Rupees Eight Hundreds Eighty Five Only			
15	REPORT SUBMISSION OF THE SURVEYS, TESTS, INVESTIGATIONS AND FOUNDATION PARAMETERS- Preparation and submission of comprehensive draft (2 Copies) and final (6 copies) reports of all the tests, field investigations, laboratory tests etc. in the scope of this tender as detailed in various schedules, Technical specifications, drawings inclusive of bore logs, Compilation, interpretation, analysis of the data, recommendations of the foundation design parameters found out from the tests, as per AERB Guide no. AERB /NPP/SG/CSE-2 or other codes as directed by NPCIL. Final report shall be submitted after the draft interim copy is approved by NPCIL. Also submission ofNote- for complete item description please refer Annexure-D of Technical Specification. The quoted rate shall include the activities as mentioned against Sl. no-15 of item description of Annexure-D of Technical specification.	Lump Sum	1	925000	-	-	9,25,000.00
				Rupees Nine Lakh Twenty Five Thousand Only			

Note: All Item Rates are considered to be in Indian Rupees unless otherwise explicitly specified and in which case shall be always converted appropriately to arrive at the amount in Indian Rupees.

Work Order Total ₹ 27,07,185.00

Overall Rebate (%) 0

Work Order Value After Overall Rebate in Figure ₹ 27,07,185.00

Work Order Value After Overall Rebate in Words Rupees Twenty Seven Lakh Seven Thousand One Hundreds Eighty Five Only

Signature Not Verified

Digitally signed by SONU KUMAR RAI

Date: 2025.04.04 15:43:33 IST

Location: eProcurement System for Central PSUs