



एन एच पी सी लिमिटेड
(भारत सरकार का एक नवोदय उद्यम)
NHPC Limited
(A Government of India Navratna Enterprise)



सुबनसिरी ऊपरी जल विद्युत परियोजना

Subansiri Upper HE Project

Village Sippi, PO&PS – Daporijo,

Dist. Upper Subansiri,

Arunachal Pradesh – 791122

Email: subansiriupper@nhpc.nic.in

NH/SUP/HOP/2024/103

Date: 22.11.2024

To,
Shri U S Vidyarthi
Scientist 'E'(CSS)
GOI, Ministry of Jal Shakti,
Dept. of Water Resources, RD and GR
Central Soil and Material Research Station
Olof Palme Marg, Hauz Khas, New Delhi-110016

Sub: Letter of Award for “**Carrying out Testing of Construction Materials for Subansiri Upper HE Project (1605 MW), Arunachal Pradesh**”.

Ref: (i) NHPC Letter No.NH/SUP/HOP/2024/ 99, dated: 26-10-2024.

(ii) CSMRS letter no. NIL dtd 05.11.2024 regarding budgetary offer for carrying out Alkaline Carbonate Reaction (ACR) and other tests for Subansiri Upper HE Project.

Sir,

Kindly refer to your letter as mentioned above vide which budgetary for laboratory investigations for the proposed Subansiri Upper HE Project, Arunachal Pradesh has been submitted. In this connection NHPC Limited, Subansiri Upper HE Project is pleased to place letter of award for the above work for an amount of Rs.12,03,900.00 (Rupees Twelve lakh Three Thousand Nine Hundred only) inclusive of GST@18% as per ANNEXURE-A but excluding transportation charges (in the scope of NHPC Limited). It is submitted here that as per NHPC's requirement work will be executed with certain terms and conditions. Acceptance by CSMRS of the following terms and conditions as given under for execution of above works is required:

1. Scope of work:

- Evaluation of aggregates (Rock Quarries) for Alkali Carbonate reaction shall be carried out for 01 Shal deposit sample & 07 rock quarry samples. The study shall be done as per ASTM C 1105 ,analysis and interpretation of test results, preparation of testing and evaluation report covering suitability of the aggregates.
- Evacuation of rock Quarry material for potential Alkali-Aggregate reactivity shall be carried out for 03 rock quarry samples. The study shall include Petrographic and Mineralogy analysis of 03 rock quarry samples as per IS:2386 Part VIII. Mineralogical details shall be analyzed covering the absence/ presence of reactive aggregates prone to Alkali-Silica reaction, to carry out accelerated mortar bar test on 03 rock quarry samples as per ASTM C 1260, analysis and interpretation of test results, preparation of testing and evaluation report covering suitability of the aggregates.

2. Completion time: As per the guidelines provided in ASTM C 1260.

3. Standard Guidelines: The study must confirm to the existing standard guidelines read with order/ circulars/ policies of Centre/ State Govt. governing such study/plan issued from time to time.

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4. **Obligation of NHPC :** Material required for testing shall be provided by NHPC Limited, Subansiri Upper HE project to the CSMRS laboratory. Transportation charges for material to be supplied shall be borne by NHPC Limited. The details of material to be supplied are given in the table below:

Sl.No.	Material description	Approx. Quantity to be supplied	Source
1	Shoal Deposit, SUG-3	50 kgs	Sippi Downstream River shoal Deposit
2	Rock Quarries,SUR-1	50 kgs	Dam site rock quarry
3	Rock Quarries,SUR-2	50 kgs	Rading rock quarry
4	Rock Quarries,SUR-3	50 kgs	Mara rock quarry
5	Rock Quarries,SUR-4	50 kgs	Marbam rock quarry
6	Rock Quarries,SUR-5	50 kgs	Marbam Downstream rock quarry
7	Rock Quarries,SUR-6	50 kgs	Chira rock quarry
8	Rock Quarries,SUR-8	50 kgs	Excavated material from right abutment of dam
9	Rock Quarries,SUR-9	50 kgs	Excavated material from left abutment of dam
10	Rock Quarries,SUR-10	50 kgs	Menga rock quarry
11	Rock Quarries,SUR-11	50 kgs	Lega rock quarry

5. **Data Confidentiality:** The report shall be submitted to NHPC Limited and the same shall be the sole property of NHPC Limited. Any part of the study/report shall not be reproduced/published in any form without prior permission of NHPC limited.
6. **Report Acceptance Authority:** Report shall be submitted to the Group General Manager (HOP) Subansiri Upper HE project.
7. **Consultancy Fee:** The total value for the entire scope of work under the contract shall be **Rs.12,03,900.00 (Rupees Twelve lakh Three Thousand Nine Hundred only) inclusive of GST@18%**. TDS shall be deducted as per Income Tax Rules.
8. **Payment Terms:** Payment shall be made against Performa invoice.
9. **Taxes and duties:** Taxes, duties, Income tax, GST and other impositions as may be levied under the applicable law & regulations. Changes in the advance tax rates of Income Tax and GST (on service) payable to appropriate authorities will not be subject to adjustment. TDS wherever statutory required under any Tax Act/Rule shall be deducted and deposited and necessary certificate will be provided by the Employer. Invoices and other documents submitted by consultant for payment under Interim payment certificate/Final Payment certificate or any other payment under the contract shall be in accordance with the GST Law. The consultant shall furnish a certificate along with the interim payment certificate/ Final payment certificate that GST payable by him has been deposited/will be deposited to the Govt. Treasury.

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Village Sippi, PO&PS – Daporijo,

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Arunachal Pradesh – 791122

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10. **Settlement & dispute:** If any disputes arise between the client and the Consultant in connection with or arising out of the Contract or the execution of the works, whether during execution of the Works or after their completion and whether before or after the repudiation or after termination of contract, including any disagreement by either party with any action, inaction, opinion, instruction, determination, certificate or valuation of the Engineer-In-Charge, an attempt shall be made to resolve the matter in dispute amicably.
11. **Engineer-in Charge:** Senior manager (Civil), Subansiri Upper HE Project.
12. **Paying Authority:** Senior Manager (finance), RO Itanagar, Arunachal Pradesh.

Hence, you are requested to kindly confirm your acceptance for “*Carrying out Testing of Construction Materials for Subansiri Upper HE Project (1605 MW), Arunachal Pradesh*”, as per the above terms & conditions.

Thanking you,

Yours sincerely

Manager (Civil)/P&C Division
Subansiri Upper Project, NHPC Limited,
Daporijo, Dist. Upper Subansiri, Arunachal Pradesh-791122
E-mail: subansiriupper@nhpc.nic.in

Copy To:

1. Executive Director, Geology, NHPC, CO, Faridabad for information please.
2. Executive Director, RO Itanagar, for information please.
3. Group General Manager, HOP, Subansiri Upper HE Project for information please.
4. Senior Manager (Civil), Subansiri Upper HE Project for information please.
5. Senior Manager (Finance), RO for information please.
6. Office File.

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ANNEXURE-A

Name of the work: Carrying out Testing of Construction Materials for Subansiri Upper HE Project (1605 MW), Arunachal Pradesh

Bill of Quantities(BOQ)

Sr.No	Name of test	No. of Samples	Rate/sample (Rs.)	Amount(Rs.)
1	Alkali carbonate reaction as per ASTM C 1105	8	88,502.00	7,08,016.00
2	Accelerated Mortar Bar Test as per ASTM C 1260	3	88,502.00	2,65,506.00
3	Petrographic analysis of aggregate from GSI (Geological Survey of India)	3	4460	13,380.00
4	Project handling and report preparation charges		LS	20000
	Sub total of items 1 to 4			10,06,902.00
5	40% Overhead charges on Items 3 and 4			13,352.00
6	GST @ 18% on items 1 to 5			1,83,645.72
	Grand total=			12,03,900.00
	(Rupees Twelve Lakhs three thousand nine hundred only)			

