



CIN: L40101HR1975GOI032564

Regd. Office: NHPC Office Complex, Sector-33, Faridabad-121003(Haryana)

Dated: 08.07.2026

Corrigendum # 2

Name of the Work: - “Construction of Diversion Tunnels, Cofferdams, Main Dam including HM Works of Diversion Tunnels, approach roads and Bridges of Kamala H.E. Project (1720MW), Kamle district, Arunachal Pradesh (LOT-1)”

Tender ID.: 2026_NHPC_899454_1

Sl. No	Clause No./ Ref.	Existing Bid Conditions/ Description	Amended Bid Conditions/Description
<u>VOLUME-0: NIT, ITB, BIDDING DATA & QUALIFICATION FORMS:</u>			
1.	Vol.0, Sec.0, NIT, Cl. 4.1 Page No. 10-11 Note (Mod)	Note no. 9. In support of above at 4.1.3, the bidder should provide copy of Performance / successful operation certificate for at least 2 years from the date of commissioning issued by Purchaser/ Owner of the equipment.	Note no. 9. In support of above at 4.1.3, the bidder should provide copy of Performance / successful operation certificate for at least 2 years from the date of commissioning issued by Purchaser/ Owner of the equipment. The evaluation of bidders’ specific experience specified at Sl. No. 5.1.2.B (HM Portion) shall be done during the execution of the contract. The bidder has to submit all the required documents in respect of proposed Sub-contractor for HM works relating to the specific experience at least six months prior to the start of the HM portion of the work as per the Construction Schedule for approval of the Employer.
<u>VOLUME-1: INFORMATION FOR BIDDERS (IFB):</u>			
2.	Vol-1 Sec.1, IFB, Cl. 4.0 (3), Page No. 41 (Revised)- Attached as Annexure -A	Right Bank Access Road: Similarly, to reach the right bank of dam axis, a RWD road minimizing the hindrances. Further, Contractor has to ensure that till the time the alternate road for locals is made available	Right Bank Access Road: Similarly, to reach the right bank of dam axis, a RWD road minimizing the hindrances. An alternate provision for access to the right bank road from Trans Arunachal Highway originating from the existing petrol pump which is opposite to the acquired land of NHPC (Zone-3A) has been kept. Contractor has to launch the bridge of appropriate capacity for movement of their construction equipment and machineries across the Pein River to the right bank. Further, Contractor has to ensure that till the time the alternate road for locals is made available
3.	Vol-1 Sec.1, IFB, Cl. 4.0 (3),	(c) Bridges in Project Area	(c) Bridges in Project Area A new 70R pre-stressed RCC/ Composite bridge of 90m span (double lane) across Kamala River

	Page No. 42 (Revised) Attached as Annexure -A	A new 70R pre-stressed RCC/ Composite bridge of 90m span (double lane) across Kamala River in d/s..... completion of the project.	in d/s..... completion of the project. Approaches to the bridge on both the banks of Kamala/ Pein River shall need to be constructed for access on either bank.																																						
4.	Vol-1 Sec.1, IFB, Cl. 4.0 (3), Page No. 44 (Revised) Attached as Annexure -A	For disposal of muck, appropriate swelling shall be used for construction. There are four designated disposal locations identified (Zones 6A-1, 6A-2, 6B and 6C) on either side of the Kamala River. The list of dumping sites proposed are listed below: <table><tr><th>Sl. No .</th><th>Dumpin g Yard</th><th>Plan Area (Ha)</th><th>Averag e Distanc e from Dam area (Km)</th><th>Structur e</th></tr><tr><td rowspan="2">1</td><td>Zone 6A-1</td><td>4.00</td><td>4.5</td><td rowspan="2">For Lot-1 Works</td></tr><tr><td>Zone 6A-2</td><td>4.40</td><td>4.0</td></tr><tr><td>2</td><td>Zone 6B</td><td>22.00</td><td>5.5</td><td>For Lot-1 & Lot-2 Works</td></tr><tr><td>3</td><td>Zone 6C</td><td>32.60</td><td>12.0</td><td>Balance quantity of Lot 1 & Lot-2 Works</td></tr></table> Dumping sites Zones 6A-1, 6A-2 are designated for use of LOT-1 Contractor and Dumping sites Zones 6B & Zone 6C are designated for use of LOT-1 & Lot-2 Contractor (50% area for each Lot).	Sl. No .	Dumpin g Yard	Plan Area (Ha)	Averag e Distanc e from Dam area (Km)	Structur e	1	Zone 6A-1	4.00	4.5	For Lot-1 Works	Zone 6A-2	4.40	4.0	2	Zone 6B	22.00	5.5	For Lot-1 & Lot-2 Works	3	Zone 6C	32.60	12.0	Balance quantity of Lot 1 & Lot-2 Works	For disposal of muck, appropriate swelling ... used for construction. There were four designated disposal locations identified (Zones 6A-1, 6A-2, 6B and 6C) on either side of the Kamala River. Now as per the revised proposal there are only two dumping sites i.e. Zone 6B and 6C. The details of dumping sites proposed are listed below: <table><tr><th>Sl. No .</th><th>Dumpin g Yard</th><th>Plan Area (Ha)</th><th>Averag e Distanc e from Dam area (Km)</th><th>Structur e</th></tr><tr><td>1</td><td>Zone 6B</td><td>22.00</td><td>5.5</td><td>For Lot-1 & Lot-2 Works</td></tr><tr><td>2</td><td>Zone 6C</td><td>32.60</td><td>12.0</td><td>Balance quantity of Lot 1 & Lot-2 Works</td></tr></table> The bidder will have to dispose of the excavated material at the dumping sites of Zone 6B and Zone 6C, utilizing 50% of the allotted area, as the dumping sites of Zone 6B and Zone 6C are earmarked for use by the contractors of Lot-1 and Lot-2 (50% area for each lot).	Sl. No .	Dumpin g Yard	Plan Area (Ha)	Averag e Distanc e from Dam area (Km)	Structur e	1	Zone 6B	22.00	5.5	For Lot-1 & Lot-2 Works	2	Zone 6C	32.60	12.0	Balance quantity of Lot 1 & Lot-2 Works
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5.	Vol.1, Sec.1, IFB, Cl. 4.0 (3), Page No. 27 (Added)	4.0 HYDROLOGY 3. Climatology [..]. Maximum and minimum temperatures as observed at Tamen are 43°C and 7°C respectively. [..]	Month wise average Maximum and minimum Ambient temperature to be added at the end of sub clause 3 is enclosed as Annexure- F .																																						
6.	Vol.1, Sec.1, IFB Page -145 (Added)	GENERAL PROJECT LAYOUT	Attached as Annexure-B																																						
7.	Vol.1, Sec.1, IFB Page -146 (Added)	GENERAL ROAD LAYOUT	Attached as Annexure-G																																						
<u>VOLUME-2: GCC, PCC & FORMS AND PROCEDURE:</u>																																									

8.	Vol.2, Sec.3, Annexure- VI Page No. 146 (Mod)	I. METEOROLOGICAL/HYDROLOGICAL Adverse climatic conditions including heavy rains. Employers Risk- Nil	I. METEOROLOGICAL/HYDROLOGICAL Adverse climatic conditions including heavy rains. Employers Risk- EOT as per Clause 8 of GCC & PCC.
9.	Vol.2, Sec.3, Annexure- VI Page No. 146 (Mod)	II. SEISMOLOGICAL Occurrence of high intensity earthquake – at the site inconsideration. Employers Risk- EOT	II. SEISMOLOGICAL Occurrence of high intensity earthquake – at the site inconsideration. Employers Risk- EOT as per Clause 17.4 of GCC Compensation as per Clause 17.4 of GCC
10.	Vol.2, Sec. 4, Attachment - 1 Page No. 191 (Mod)	First Para WHEREAS (name of Bidder) (hereinafter called “the Bidder”) has submitted its Bid dated (date of bid) for the performance of the above-named Contract (hereinafter called “the Bid”)	First Para WHEREAS (name of Bidder) (hereinafter called “the Bidder”) has submitted its Bid dated (date of bid) for the performance of the above-named Contract (hereinafter called “the Bid”)
11.	Vol.2, Sec. 4, Attachment - 1 Page No. 191 (Mod)	Bid Security Form	Add para at the end: Notwithstanding anything contained herein: i. Our liability under this Bank Guarantee shall not exceed _____. ii. This Bank Guarantee shall be valid up to _____. iii. We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if Employer serve upon Bank a written claim or demand on or before..... Dated thisday of20.....at.....
12.	Vol.2, Sec. 4, Form - Page No. 289-91 (Mod)	Bank Guarantee Form for Release / Payment of Retention Money	Add para at the end: Notwithstanding anything contained herein: i. Our liability under this Bank Guarantee shall not exceed _____. ii. This Bank Guarantee shall be valid up to _____. iii. We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if Employer serve upon Bank a written claim or demand on or before..... Dated thisday of20.....at.....
VOLUME-5: TENDER DRAWINGS			
13.	Tender Drawings (New Added)	Adit To Diversion Tunnel Setting Out L-Section	Drawing showing Adit To Diversion Tunnel Setting Out L-Section is enclosed as Annexure-C .
14.	Tender Drawings (Revised) Page-09	Tender Drawing No. NHKM 1AT1 41 GA 003 01	Drawing showing Dam General Arrangement Plan is enclosed as Annexure-D .

15.	Tender Drawings (Revised) Page-14	Tender Drawing No. NHKM 1AT1 41 GA 008 01	Drawing showing Dam River Diversion Works Layout Plan is enclosed as Annexure-E .
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All other terms & conditions of the tender document shall remain unchanged.

General Manager (CC-I)
E-mail: contcivil1-co@nhpc.nic.in



KAMALA H.E. PROJECT (1720MW) INFORMATION FOR BIDDERS LOT-1

At the initial stage, the existing access shall also be utilized for transportation of equipment/ machineries by Lot-2 Contractor. As such, with mutual coordination the passage/ access for transportation of equipment/ machineries shall have to be provided for Lot-1 Contractor. Requirement of immediate widening/ providing niches at certain locations for transportation of equipment/ machineries of Lot-1 Contractor, if arises, shall have to be done in the course of the widening of road wherever required. To maintain bonhomie, uninterrupted passage to the extent possible with mutual understanding may be provided to Lot-2 Contractor, till the time the construction of alternate road under Lot-2 Package is completed by the Contractor.

Further, Contractor has to ensure that till the time the alternate road for locals is made available, a hindrance free passage/ cross link road for their movement have to be provided. Such co-operation, will invite more favorable support from the locals, which will help in the ease of carrying out Project construction activities.

Right Bank Access Road: Similarly, to reach the right bank of dam axis, a RWD road constructed under PMGSY Scheme takes off from Trans Arunachal Highway from Boasimla bridge over Pein river. This road goes upto Kamporijo village via Circle Office Headquarter. This stretch of road shall also be widened as well as the bridges/ culverts falling in this stretch shall require to be strengthened/constructed for movement of equipment/machinery for construction purpose.

The widening and maintenance of this access road of 10 Km length with 7m width cement concrete pavement of thickness 250mm, as well as the strengthening and upgradation of bridges/culverts in this stretch shall be carried out by the Lot-1 Contractor. Niche, wherever required, shall have to be constructed for passage of vehicles.

However, during widening of this access road as well as strengthening and upgradation of bridges/culverts on this road by the Lot-1 Contractor, the movement of construction equipment's and machineries of Contractors of other packages may likely to be hindered, for which Lot-1 Contractor has to provide suitable access and ensure minimizing the hindrances.

An alternate provision for access to the right bank road from Trans Arunachal Highway originating from the existing petrol pump which is opposite to the acquired land of NHPC(Zone-3A) has been kept. Contractor has to launch the bridge of appropriate capacity for movement of their construction equipment and machineries across the Pein River to the right bank.

Further, Contractor has to ensure that till the time the alternate road for locals is made available, a hindrance free passage/ cross link road for their movement have to be

provided. Such co-operation, will invite more favorable support from the locals, which will help in the ease of carrying out Project construction activities.

As all the Project components are in the close proximity to the existing RWD road, therefore, only approaches leading to Project components at various elevations have to be constructed by the Contractor. Further, the quarry/ dumping areas are also in the close proximity to the existing Trans Arunachal Highway/ existing RWD road.

(c) Bridges in Project Area

- i) Dam site and Diversion tunnels are located at distance of approximately 4km u/s of Tamen bridge. The left bank area u/s of Tamen bridge and around dam axis is available for construction facility. A 70R bridge across Kamala River is available at Tamen Village for crossing of Kamala River for accessing the left bank of Dam site and a 24 R capacity bridge is available for crossing the Pein Nallah to access the right bank area of Dam site. However, the present condition of existing 24 R bridge is not suitable for movement of heavy machinery due to its dilapidated condition.
- ii) In the u/s of dam approx. 200m, a suspension bridge is presently available for movement of locals across the river. The said bridge can also be utilized by the contractor after assessing the load condition and applying suitable strengthening measures for movement of manpower between the two banks.

A new 70R pre-stressed RCC/ Composite bridge of 90m span (double lane) across Kamala River in d/s of dam axis and a 70R RCC/Steel bridge of 40m span (double lane) across pein river shall be constructed by Lot-1 Contractor. Maintenance of these bridges shall be carried out by the Lot-1 Contractor up to completion of the project. Approaches to the bridge on both the banks of Kamala/ Pein River shall need to be constructed for access on either bank.

Contractor has to ensure the planning, investigation, carryout detailed design, drawings of bridges and obtain approval from the Engineer-in-charge with modifications, if any, required. However, the detailed design shall have to be vetted by any Indian Institute of Technology (IT)/National Institute of Technology (NIT), prior to submitting for approval of Engineer-in-Charge. No extra payment shall be made to the contractor on this account.

6.0 AVAILABILITY OF LAND FOR CONTRACTOR'S INFRASTRUCTURE FOR MAIN WORKS:

The Contractor has to make his own arrangement to develop infrastructure for their men and materials required during the construction period. Necessary residential and labour camps including other facilities like approach roads, water supply, sanitation, electricity etc. are to be developed/arranged by the Contractor at his own cost.

The contractors colonies will include temporary buildings which would serve the purpose of residence and offices, facilities for social activities like shopping, social gatherings, worship, etc. for the workers and their families engaged in Project. Three sites to house the Contractor's manpower are proposed. All these three sites fall on the left bank and are being acquired on temporary acquisition basis. The first one (Zone 9A-3 Ha land) lies u/s of the Tamen bridge. The second and third sites (Zone 9B-4 Ha land) and (Zone 9C 10 Ha land) are proposed to be located d/s of the Tamen bridge on left bank of Kamala River. However, out of three sites Zone 9C (10 ha land on temporary acquisition) have only been kept for use by LOT-1 Contractor.

An alternate provision of small portion of land shall also be kept in the area that will be acquired for owner's infrastructure purpose (if required). The Contractor may also opt for setting up their colonies in the upstream of Dam on right bank where the present Circle Officer H/Q is situated or on the left bank which will be acquired under submergence area or as may be deemed suitable by the Contractor in their site assessment within the acquired land. The total number of Engineers/Officers and workers deployed by the Contractors of various disciplines will be planned by them commensurate to the construction phase.

7.0 DETAILS ABOUT IDENTIFIED DUMPING AREA:

The quantity of muck likely to be generated during construction phase of the proposed Project will be disposed at the earmarked muck disposal sites. The total muck generation would be in order of approx. 87 lac cum. It is anticipated that out of the total muck generated from powerhouse cavern, approx. 4 lac cum of the excavated material is expected to be used as construction material after qualifying the test results and remaining muck will be sent to the designated disposal sites. Further, in the event if the excavated material generated from Transformer cavern/Gate Operation Chamber/Downstream Surge Cavern is found to be suitable after qualifying the test results for construction purpose then the same shall also be utilized.

For disposal of muck, appropriate swelling factor has been considered over and above the muck generated from rock excavation / underground excavation. However, the excavated material shall be tested for their suitability for use as construction material during the construction stage and the material suitable shall be used for construction. There were four designated disposal locations identified (Zones 6A-1, 6A-2, 6B and 6C) on either side of the Kamala River. Now as per the revised proposal there are only two dumping sites i.e. Zone 6B and 6C. The details of dumping sites proposed are listed below:

Sl. No.	Dumping Yard	Plan Area (Ha)	Average Distance from Dam area (Km)	Structure
1.	Zone 6B	22.00	5.5	For Lot-1 & Lot-2 Works
2.	Zone 6C	32.60	12.0	Balance quantity of Lot-1 & Lot-2 Works

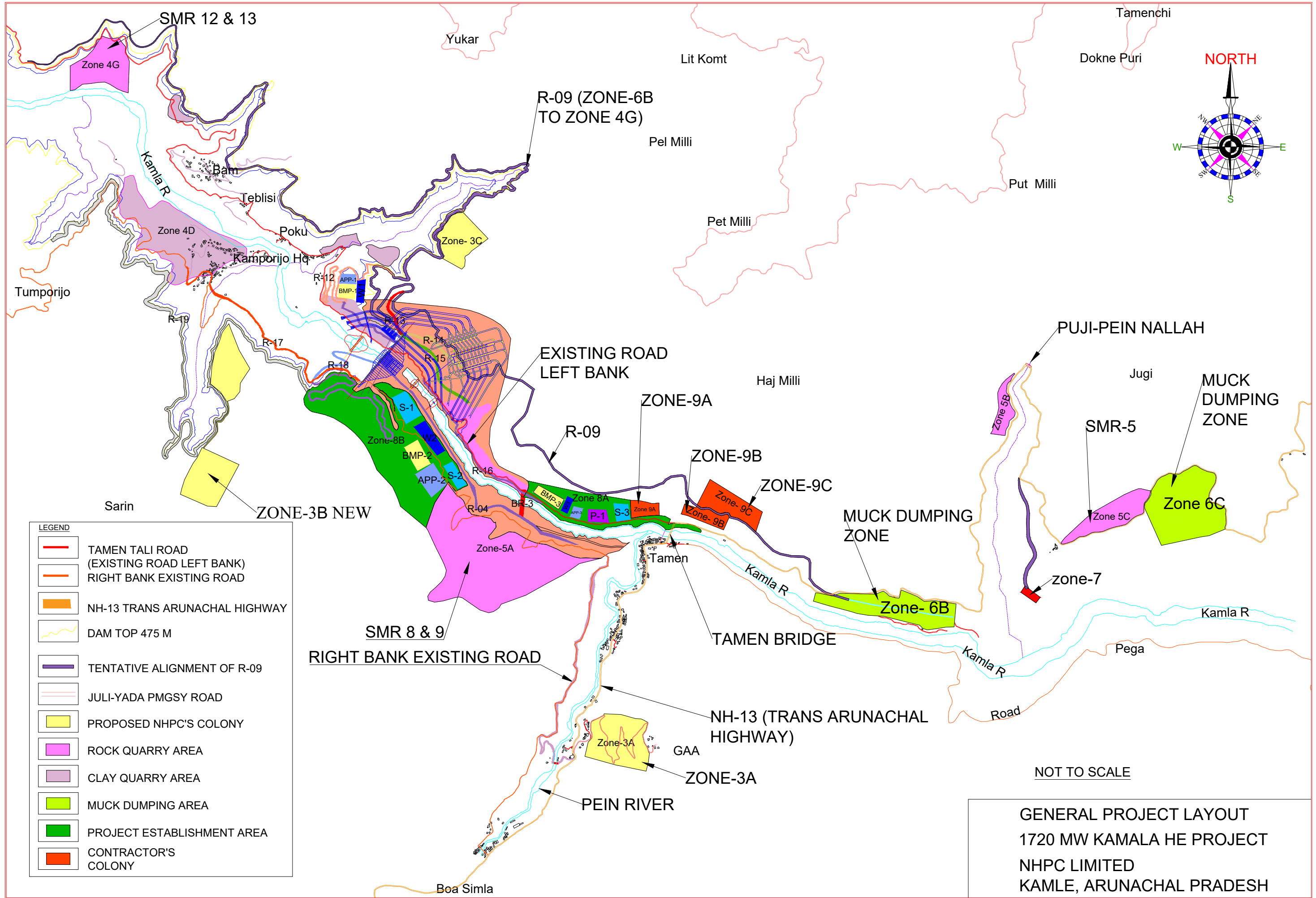
The bidder will have to dispose of the excavated material at the dumping sites of Zone 6B and Zone 6C, utilizing 50% of the allotted area, as the dumping sites of Zone 6B and Zone 6C are earmarked for use by the contractors of Lot-1 and Lot-2 (50% area for each lot).

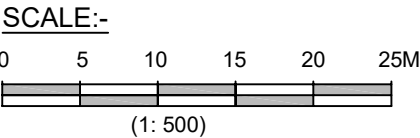
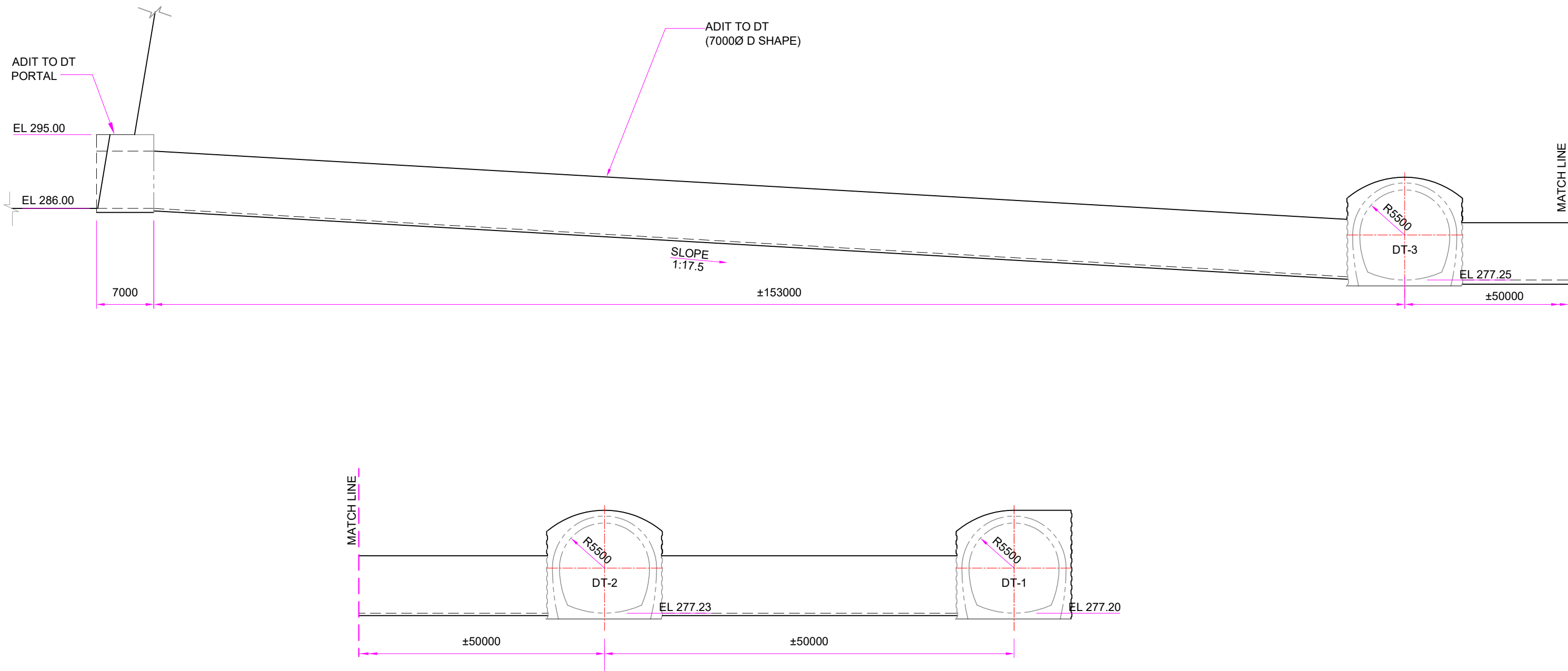
No muck shall be dumped outside identified muck disposal area. Spreading of muck to desired grades and levels shall be done by the Contractor at his own cost. The dumped materials shall be piled at an angle of repose at the provided dumping sites. For the stabilization of dumped materials, suitable dumping area protection works, drainage works and various engineering / bio-engineering measures as per muck disposal plan shall be undertaken by the Contractor/ other implementing Agency for retaining the muck in designated dumping area or as directed by Engineer-In-Charge. **(copy of muck disposal plan appended with the tender document to be referred).**

The protection works such as Retaining walls, Wire crates/Gabions etc. shall be paid as per Contract conditions.

Any modification(s) subsequently suggested in the muck disposal plan approved by the MoEF shall also have to be complied by the Contractor in true spirit.

8.0 Details of available construction materials and quarries for extraction of coarse and fine aggregates:







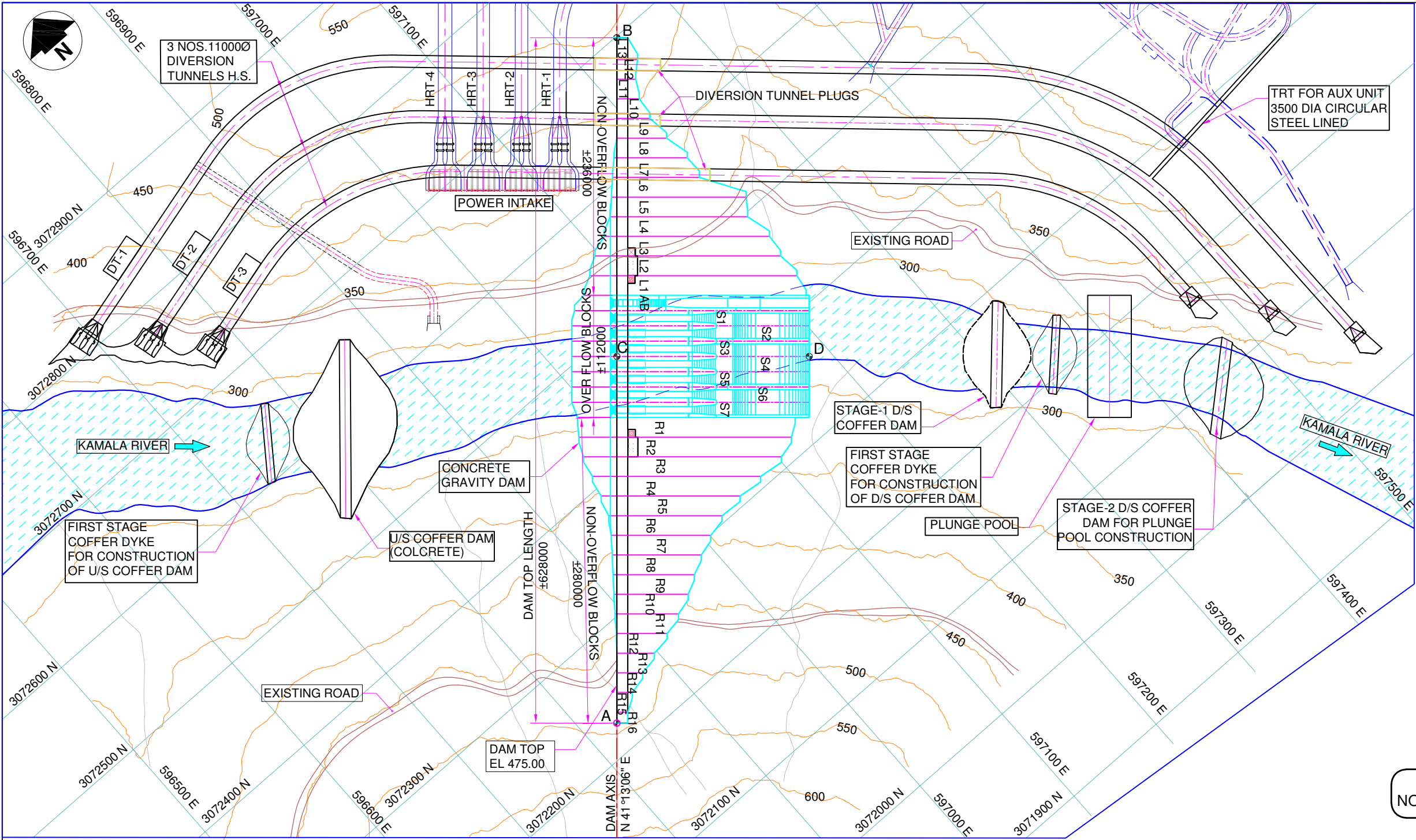
एन.एच.पी.सी.
NHPC
एन.एच.पी.सी. लिमिटेड

एन.एच.पी.सी. लिमिटेड
(A GOVT. OF INDIA ENTERPRISE)
NHPC Limited
(A GOVT. OF INDIA ENTERPRISE)

कामला जल विद्युत परियोजना (अरुणाचल प्रदेश)
KAMALA H.E. PROJECT (ARUNACHAL PRADESH)

ADIT TO DIVERSION TUNNEL
SETTING OUT
L-SECTION

ISSUED FOR TENDER	BY.	CH.	APP.	DRAWN अंकित	SUBMITTED प्रस्तुत	RECOMMENDED अनुशंसित	APPROVED अनुमोदन
DATE दिनांक	NO. क्रमांक	REVISION OR ISSUES संशोधन या समस्याएं		DATE दिनांक	DRG. NO. अंक संख्या		



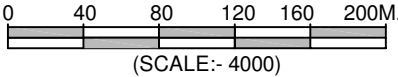
TENDER DRAWING
NOT FOR CONSTRUCTION

PLAN

NOTES:-

- सभी माप मिलीमीटर में तथा ऊंचाई मीटर में दिए गए हैं।
- ALL DIMENSIONS ARE IN MILLIMETRE AND ELEVATIONS IN METRE. GRID VALUES ARE IN METRE.
- VARIOUS SIZE AND LEVELS SHOWN IN THE DRAWING MAY BE MODIFIED DURING DETAIL DESIGN.
- CO-ORDINATES AND ELEVATIONS ARE FOR REFERENCE ONLY. THE SAME MAY BE MODIFIED DURING DETAILED DESIGN AS PER CONSTRUCTION STAGE TOPOGRAPHICAL SURVEY.
- CONFIGURATION OF SPILLWAY, ENERGY DISSIPATION ARRANGEMENT, PLUNGE POOL LOCATION AND SIZE SHALL BE OPTIMISED ON THE BASIS OF MODEL STUDY.

POINT	CO-ORDINATES	
	NORTHING	EASTING
A	3072173.83	597242.62
B	3072698.55	596828.82
C	3072479.11	597050.39
D	3072362.76	597182.81





एन एच पी सी लिमिटेड
NHPC Limited
(A GOVT. OF INDIA ENTERPRISE)

कामला जल विद्युत परियोजना (अरुणाचल प्रदेश)
KAMALA H.E. PROJECT (ARUNACHAL PRADESH)

DAM
GENERAL ARRANGEMENT
PLAN

ISSUED FOR TENDER	BY	CH	APP
DATE	NO.	REVISION OR ISSUES	
DESIGN MEMO NO.			
DATE	JAN., 2026	DRG. NO.	NHKM 1AT1 41 GA 003 01

**Table-I: Monthly Maximum & Minimum Temperature Data at Tamen (°c)
(Data Base: 2000-2015)**

Month	Max.	Min.
Jan	30	8
Feb	33	7
Mar	37	10
Apr	38	10
May	41	14
Jun	42	16
Jul	43	20
Aug	43	20
Sep	41	19
Oct	38	16
Nov	36	11
Dec	30	8

